Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ST. GEORGE STATION FERRY, BUS, TRAIN TERMINAL

Address : 1 RICHMOND TERRACE

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

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2 Lot : 1 BIN : 5141706

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$604,600	\$1,555,600
Interior Architecture	\$150,600	\$492,100
Electrical	\$113,500	
Mechanical		\$47,200
Total	\$868,700	\$2,094,900
Priority A	\$604,600	\$1,555,600
Priority B	\$113,500	\$223,200
Priority C	\$150,600	\$316,100
Total	\$868,700	\$2,094,900

\$49,100 \$158,100	\$30,500 \$120,400	\$5,800 \$199,800	\$101,000
, , , , , ,		1 - 7	\$101,000
\$49,100	\$30,500	\$5,800	
\$207,300	\$150,900	\$205,600	\$101,000
\$15,200	\$15,200	\$15,200	\$15,200
\$112,800	\$59,200	\$147,400	\$58,600
\$30,100	\$46,000	\$37,200	\$27,200
\$49,100	\$30,500	\$5,800	
FY 2016	FY 2017	FY 2018	FY 2019
	\$49,100 \$30,100 \$112,800 \$15,200	\$49,100 \$30,500 \$30,100 \$46,000 \$112,800 \$59,200 \$15,200 \$15,200	\$49,100 \$30,500 \$5,800 \$30,100 \$46,000 \$37,200 \$112,800 \$59,200 \$147,400 \$15,200 \$15,200 \$15,200



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

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

Asset #: 2420

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior								ı
Exterior Walls								
Concrete Masonry Unit	4%			LIFE	* *	5	\$8,600	A
Glass Block	2%			LIFE	* *	5	\$4,300	A
Masonry: Brick	35%			LIFE	* *	5	\$120,300	A
Metal/Glass Curt Wall	35%			LIFE	* *	5	\$225,600	A
Metal Panel	22%			2042	* *	5-10	\$519,900	A
Metal Coiling Doors	2%			2035	* *	5	\$21,500	A
Windows								
Aluminum	90%			2038	* *	5	\$11,500	A
Metal Louvers	5%			2031	* *	10	\$4,000	A
Steel	5%	Now	\$31,700	2047	* *	5	\$4,000	A
	Corrosion	/Rusting, E	xtent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Bulkhead	ds					
	-		, Extent : Moderate	e, Area A	ffected : 50%			
	Location	: Slips						
Parapets								
Masonry: Brick	20%			LIFE	* *	5	\$3,900	A
Metal Panel	10%			2042	* *	5	\$7,600	A
Metal Rail	70%			2035	* *	5-10	\$248,400	A
Roof								
Asphalt Macadam	_	_	Extent : Light, Are e Above Main Cond		\$259,800 ed : 10%	5	\$53,400	A
	Patching I	Evident, Ex	tent : Moderate, Ai e Above Main Cond	rea Affec	ted : 30%			
			e Above Main Con Extent : Moderate, A		noted , 1000/			
		ervanon, E 1 : Through		<i>агеа Аује</i>	eciea . 100%			
		_	oui ited Steel And Con	anata Du	Damns Not Includ	dod In Th	ia Cuman	
C DI C					* *	iea in in	is survey	
Cast in Place Concrete	10%		\$17,400 Extent: Light, Are	LIFE				A
	_	Crumbung, ı : Through	_	га Ајјест	ea . 1070			
			Оиг					
Metal Panel	15%			2035	* *	10	\$146,900	A
Modified Bitumen	38%			2027	* *	10	\$203,000	A
Paver: Asphalt	10%			2031	* *	10	\$80,100	A
Sloped Glazing	5%			LIFE	* *	5	\$356,100	A
Not Accessible	5%			4 CC	1 00/			D
			Extent : Light, Area		<i>!: 0%</i>			
			vice / Oil Room Wi	_	1001 5 0 0	T 7	.•	
		tion : This I	Is A New Green Ro	of Cover	ed With Tall Gras.	sy Vegeto	ition	
Under Construction	2%							D
			Extent : Light, Area					
			Bridge To Former		n Slips Building			
	Explana	tion : Parti	al Demolition In P	rogress				

Interior

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

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

Asset #: 2420

Architecture		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior							
Floors							
Cast in Place Concrete	20%		LIFE	* *	5	\$124,600	C
		ervation, Extent : Moderate, A	Area Affe	cted : 100%			
		: At Slips ion : Movable Steel Ferry Bo	ardina B	ridges And Gallow	is Not Inc	oludad In This	
	Survey	ion . Movable sleet Ferry bo	araing D	riages Ana Gailow	s ivoi im	iuaea In This	
Ceramic Tile	75%		2031	* *	5	\$213,700	С
		Crumbling, Extent : Light, Are		ed : 2%			-
		: Waiting Room And Concou					
	Other Obs	ervation, Extent : Moderate, A	Area Affe	cted : 100%			
		: Throughout Waiting Room					
	Explanat	ion : Laid Over Old Terrazzo	Flooring	3			
Terrazzo	3%		LIFE	* *	5	\$6,700	C
		ervation, Extent : Moderate, A	Area Affe	cted : 5%			
		: Main Waiting Room					
	Explanat	ion : Inlaid Harbor Map					
Terrazzo	2%		LIFE	* *	5	\$4,500	C
		Crumbling, Extent : Moderate		ffected : 80%			
		: Train Turnstile Entrance A		. 900/			
		led, Extent : Moderate, Area . : Train Turnstile Entrance A		: 80%			
Interior Walls	Locuiton	. Trum Turnsine Emrance II	rea				
Ceramic Tile	40%		2031	* *	5	\$77,900	C
Cerumie The		ervation, Extent : Moderate, A		cted : 75%	5	Ψ77,500	C
		: Throughout	00				
	Explanat	ion : New Tiles Applied Over	Old Gla	zed Block Walls			
Ceramic Tile	5%		2031	* *	5	\$9,700	С
Concrete Masonry Unit	10%		LIFE	* *	5	\$7,800	C
Glass: Special Gauge	10%		LIFE	* *	1		C
		ervation, Extent : Moderate, A	Area Affe	cted : 100%			
		: Ferry Waiting Room					
		ion : Double Glazed Glass Ei					
Gypsum Board	35%		LIFE	* *	5	\$40,900	C
Ceilings	40		2027		_	4.7.7. -0	
AcousTileSusp.Lay-In	10%		2035	* *	5	\$23,500	В
Exposed Concrete	20%		LIFE	* *	5	\$7,300	В
Exposed Struc: Steel	10% 40%		LIFE LIFE	* *	5	\$117,300	B B
Gypsum Board Metal Panel	20%		LIFE	* *	5 5	\$117,300	В
ivictal r allel	20%		LIFE		3	\$30,700	ט

Electrical	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts							
Service Equipment Air Circuit Breaker	100%		2042	* *	3	\$1,000	В

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

Electrical	Current Repair	Future R	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Over 600 Volts			•			
Transformers						
Dry Type	100%	2035	* *	3	\$1,500	В
	Other Observation, Extent:	Moderate, Area Affecte	d : 100%			
	Location : Electrical Room	n				
	Explanation: Two 2000 K	va 4160hv-208y/120lv				
Feeders						
Cable	100%	2038	* *	1		В
Raceway						
Conduit	90%	2042	* *	1		В
Tray	10%	2035	* *	1		В
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2042	* *	5	\$7,300	В
	Other Observation, Extent:	Moderate, Area Affecte	d: 100%			
	Location : Electrical Room	n				
	Explanation: Two 4000 A	mps, Six 3200 Amps And	d Two 2000 Am	os Main	Disconnect Switch	
Switchgear / Switchboard						
Fused Disc Sw	20%	2042	* *	5	\$200	В
Molded Case Bkrs	80%	2042	* *	5	\$5,900	В
Raceway						
Conduit	90%	2042	* *	1		В
Tray	10%	2035	* *	1		В
Panelboards						
Fused Disc Sw	10%	2038	* *	5	\$600	В
Molded Case Bkrs	90%	2038	* *	5	\$6,600	В
Wiring					1 - 7	
Thermoplastic	100%	2042	* *	1		В
Motor Controllers						
Locally Mounted	50%	2035	* *	5	\$900	В
Motor Control Center	50%	2035	* *	5	\$3,800	В
Wotor Control Center	Other Observation, Extent:		d : 100%	3	Ψ3,000	Ь
	Location : Mechanical Ro					
	Explanation : All Controll		d And Connected	d To Rms	c	
Ground	Espianarion : The Control	ers Hooked op with the	Tina Connected	a To Dini.	,	
Grounding Devices						
Generic Generic	100%	LIFE	* *	5	\$4,100	В
Stand-by Power	10070	Dii D			ψ,100	
Transfer Switches						
Automatic	50%	2035	* *	1	\$42,900	В
Automatic	50%	2042	* *	1	\$42,900	В
Automatic	Recent Installation, Extent :			1	ψ42,700	ט
	Location: Electrical Room		00/0			
	Locuiton . Electrical Room	ri e e e e e e e e e e e e e e e e e e e				

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

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

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

Asset #: 2420

Electrical	Current Repair	Future Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Stand-by Power					
Generators	5 00/	2021		Φ 4.00	
Diesel	50%	2031 * *	' 1	\$54,100	В
	Other Observation, Extent: Mod	lerate, Area Affected : 100%			
	Location: Generator Room	D: 10			
	Explanation: 1000 Kw, Rudox				
Diesel	50%	2037 * *	· 1	\$54,100	В
	Recent Installation, Extent: Ligh	t, Area Affected : 100%			
	Location: Generator Room				
	Other Observation, Extent : Mod	lerate, Area Affected : 100%			
	Location: Generator Room				
	Explanation: One 400 Kw				
Batteries	500/	2016 0206		ΦE 300	D
Lead/Acid	50%	2016 \$300		\$5,200	В
Lead/Acid	50%	2017 \$300) 5	\$5,200	В
Fuel Storage	250/	2020		фо.000	
Day Tank	25%	2038 * *	5	\$8,800	В
	Other Observation, Extent: Mod	lerate, Area Affected : 100%			
	Location: Generator Room				
	Explanation: One 250 Gals				
Day Tank	25%	2047 * *	5	\$8,800	В
	Other Observation, Extent : Mod	lerate, Area Affected : 100%			
	Location: Generator Room				
	Explanation: One 250 Gals				
Main Tank	50%	2050 * *	5	\$2,800	В
	Other Observation, Extent : Mod	lerate, Area Affected : 100%			
	Location: Underground				
	Explanation: One 4000 Gals				
Lighting					
Interior Lighting					
Fluorescent	65%	2027 * *	10	\$113,500	В
	Other Observation, Extent : Mod	lerate, Area Affected : 100%			
	Location: Throughout				
	Explanation: T-8 Lamps				
HID	35%	2027 * *	10	\$2,200	В
Egress Lighting				. , ,	
Emergency, Service	50%	2027 * *	1		В
Exit, Service	50%	2027 * *	1		В
Exterior Lighting					
Fluorescent	5%	2027 * *	10	\$1,300	В
	Other Observation, Extent : Ligh			+ - ,= 3 O	-
	Location : Pedestrian Ramp				
	Explanation : Compact Spiral I	Bulbs			
HID	95%	2027 * *	10	\$800	В
Lightning Protection	7070	2021	10	ψουσ	
Arresters/Cabling					
Generic	100%	2050 * *	• 5	\$5,600	В
A 1	10070	2030	<u> </u>	Ψ2,000	<u> </u>

Alarm

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

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

Asset #: 2420

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm							
Security System							
No Component	70%						D
Generic	30%		2027	* *	1	\$31,300	В
Fire/Smoke Detection							
No Component	70%						D
Generic	30%		2027	* *	1-3	\$51,600	В

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source Interruptible Gas/Dual Fuel	100%	2048	* *	1		В
Conversion Equipment						
Hot Water Boiler	90% Other Observation, Extent: Light Location: Mechanical Room Explanation: 3 Units	2039 nt, Area Affected	**: 100%	1	\$84,700	В
Radiant Heater	10%	2030	* *	2	\$8,800	В
Kaulant Heater	Other Observation, Extent: Light Location: Concourses Explanation: Gas Fired Radia	nt, Area Affected		۷	φο,ουυ	Б
Distribution	1					
Hot Wtr Piping/Pump	100%	2044	* *	4	\$14,100	В
Terminal Devices						
Air Handler	60%	2030	* *	1	\$70,600	В
Convector/Radiator	40%	2039	* *	1	\$24,600	В
ir Conditioning						
Energy Source Electricity	100%	2044	* *	1		В
Conversion Equipment Absorption Chiller/Direct Fire	100%	2030	* *	1	\$206,000	В
	Other Observation, Extent : Light Location : Mechanical Room	nt, Area Affected	: 100%			
	Explanation: 2 Units - Lithium	a Bromide Refrig	gerant			
Distribution						
Chilled Wtr Pipe/Pump	100%	2048	* *	4	\$14,100	В
Terminal Devices Air Handler/Cool/Ht	100%	2030	* *	1	\$117,700	В
Heat Rejection Water Cool Tower	100% Other Observation, Extent : Ligh	2026 nt, Area Affected	* *	2	\$191,600	В
	Location: Roof Explanation: 4 Cooling Tower	s Service Roth C	hillers			

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.

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

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

Mechanical		Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation							
DistributionDuctwork/Diffusers	100%		LIFE	* *	2-5	\$106,100	В
Exhaust Fans							
Interior	60%		2030	* *	2	\$3,500	В
Roof	40%		2030	* *	2	\$2,300	В
Plumbing							
H/C Water Piping Brass/Copper	100%		2048	* *	1		В
Water Heater							
Electric	100%		2021	\$28,000	4	\$1,700	В
		ervation, Extent : Light, Area	Affected	! : 100%			
		: Various Locations					
	Explanat	ion : 5 Small Units					
Sanitary Piping	1000/		LIDE	* *			D
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping Cast Iron	1000/		LIFE	* *	1		В
	100%		LIFE		1		В
Sewage Ejector(s) Electric	100%		2030	* *	4	\$1,600	В
Backflow Preventer							
Generic	100%		2030	* *	1	\$11,700	В
Fixtures							
Generic	100%						В
Vertical Transport							
Elevators	1000/			de de			a
Hydraulic	100%		LIFE	* *			C
	Other Obse Location	ervation, Extent : Light, Area	Affected	t : 100%			
				- English			
Essalatana	Explanati	ion : Three Units, Two Passe	nger, On	e r reignt			
Escalators Under 20' Rise	100%		LIFE	* *			С
Olider 20 Rise		ervation, Extent : Light, Area : 1-2					C
		ion : One Unit					
Fire Suppression	· T · · · · · · · · · · · · · · · · · ·						
Standpipe							
Generic	100%		2048	* *	1-5	\$96,000	В
Sprinkler						*	
Generic	100%		2048	* *	1-2	\$53,300	В

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : VESSEL MAINTENANCE FACILITY

Address : 1 BAY STREET

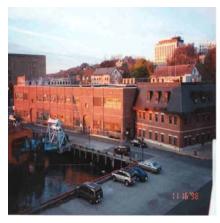
Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOT0141.000 / 4379 Yr Built/Renovated : 1992 /
Area Sq Ft : 85,000 Project Type : FERRIES
Date of Survey : 05-Jul-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1 Lot : 70 BIN : 5132949

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$591,200	\$493,500
Interior Architecture	\$87,700	\$194,600
Electrical		\$48,900
Mechanical	\$1,188,900	\$571,000
Total	\$1,867,800	\$1,308,000
Priority A	\$591,200	\$493,500
Priority B	\$1,188,900	\$620,000
Priority C	\$87,700	\$194,600
Total	\$1.867.800	\$1,308,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$5,000	\$20,000		
Interior Architecture	\$50,300		\$43,100	\$2,100
Electrical		\$1,100		
Mechanical	\$8,100	\$37,800	\$22,200	\$15,400
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$71,300	\$66,800	\$73,200	\$25,500
Priority A	\$5,000	\$20,000		
Priority B	\$33,500	\$46,800	\$30,100	\$23,300
Priority C	\$32,800		\$43,100	\$2,100
Total	\$71,300	\$66,800	\$73,200	\$25,500



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

Asset #: 4379

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	\$33,400	A
Masonry: Brick	83%	4+	\$316,900	LIFE	* *	5	\$110,800	Α
			Extent : Light, Are	ea Affect	ed : 20%			
		: Through		usa Affaa	401.100/			
		: Through	d, Extent : Light, A	rea Ajjec	iea : 10%			
Matal Daniel		. Inrougn	Ош	20.42	* *	5 10	Ф 72 400	
Metal Panel	8% 2%			2042 2035	* *	5-10	\$73,400	A A
Metal Coiling Doors Pre-Cast Concrete	2% 2%			LIFE	* *	5 5	\$8,300 \$8,700	A A
Windows	270			LIFE		3	\$6,700	A
Aluminum	100%	Now	\$142,400	2030	* *	5	\$9,000	A
2 Hamman			ked, Extent : Mode		ea Affected : 20%	5	Ψ,000	7.1
	_		ade, West Facade					
	Glazing C	louded, Ext	tent : Moderate, Ar	ea Affect	ted : 50%			
	_	: Through		33				
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 20%			
	Location	: Around	Window Frames Th	roughou	t			
Parapets								
Masonry: Brick	85%	Now	\$66,000	LIFE	* *	5	\$6,000	A
	_	_	Extent : Moderate	, Area A	ffected : 20%			
		: Through						
			d, Extent : Moderat	e, Area A	Affected : 30%			
	Location	: Through						
Metal Panel		Now	\$2,600	2042	* *	5	\$1,400	Α
			d, Extent : Moderat	e, Area A	Affected : 25%			
	Location	: Coping						
Pre-Cast Concrete	5%	Now	\$2,400	LIFE	* *	5	\$2,200	Α
	-		Moderate, Area Aj	ffected :	10%			
	Location	: Through	out					
Roof	=			2027		4.0	4.2.22	
Metal Panel	5%	N T	φ.cπ. 000	2035	**	10	\$10,000	A
Single Ply Membrane	95%	Now	\$65,800	2022	\$329,200			Α
		_	ings, Extent : Mod oof On South Side	erate, Ar	еи Ајјестеа : 30%			
			oof On South Stae Extent : Moderate, A	roa Affa	cted · 10%			
			xieni : Moderdie, F oor And Machine S		cieu . 4070			
erior	Locuiton	. Imia It	oor mu mumme s	пор				

Interior

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

Asset #: 4379

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Floors								
Carpet	3%			2018	\$41,400	3	\$5,100	C
Cast in Place Concrete	78%	2-4	\$87,700	LIFE	* *	5	\$194,600	C
	_	Crumbling, 1 : Through	Extent : Light, Are	ea Affect	ed : 10%			
Ceramic Tile	4%			2031	* *	5	\$4,600	С
Vinyl Tile	15%	2-4	\$27,600	2027	* *	3	\$6,400	C
·	U	Crumbling, 1 : Through	Extent : Light, Are	ea Affect	ed : 10%			
Interior Walls								
Ceramic Tile	5%			2031	* *	5	\$2,300	C
Concrete Masonry Unit	85%			LIFE	* *	5	\$15,800	C
Gypsum Board	10%	2-4	\$1,800	LIFE	* *	5	\$2,800	C
		Crumbling, 1 : Through	Extent : Light, Are out	ea Affect	ed : 10%			
Ceilings								
AcousTileSusp.Lay-In	10%	Now	\$17,500	2035	* *	5	\$5,700	В
		issing Elem ı : Through	nents, Extent : Mod out	erate, Ai	rea Affected : 20%			
	_	_	, Extent : Moderate out Third Floor	, Area A	ffected : 20%			
Exposed Concrete	30%			LIFE	* *	5	\$5,300	В
Exposed Concrete	60%			LIFE	* *	5	\$10,700	В

ectrical		Current Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	\$400 \$300 \$400 \$200	Priority Code
der 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2032	* *	5	\$400	В
	Other Ob:	servation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location	ı : Electrical Room					
	Explana	tion : One 4000 Amps Main D	isconnec	et Switch			
Transformers							
Dry Type	100%		2027	* *	5	\$300	В
	Other Ob:	servation, Extent : Moderate, A	Area Affe	ected : 100%		\$300	
	Location	a : Electrical Room					
	Explana	tion : One 15 Kva 480hv-208y	/120 Lv			\$400 \$300 \$400 \$200	
Switchgear / Switchboard							
Fused Disc Sw	100%		2032	* *	5	\$400	В
Raceway							
Conduit	100%		2032	* *	1		В
Panelboards							
Fused Disc Sw	10%		2030	* *	5	\$200	В
Molded Case Bkrs	90%		2030	* *	5	\$2,000	В

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

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

Electrical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year E FY	Sstimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Wiring						
Thermoplastic	100%	2032	* *	1		В
Motor Controllers						
Locally Mounted	100%	2027	* *	5	\$600	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$1,200	В
Lighting						
Interior Lighting						
Fluorescent	70%	2030	* *	10	\$48,900	В
	Other Observation, Extent: Mode	erate, Area Affecto	ed : 100%			
	Location: Throughout The Build	ding				
	Explanation: T-8 Lamps					
HID	30%	2022	\$11,700	10	\$700	В
Egress Lighting			•			
Emergency, Battery	50%	2022	\$13,100	10	\$9,200	В
Exit, Service	50%	2022	\$5,300	1		В
Exterior Lighting						
HID	100%	2027	* *	10	\$300	В

echanical	Current Repair	Future Replacement	Maintenance	
vstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
eating				
Energy Source				
Fuel Oil No 2	100%	2032 * *	5 \$23,600	В
	Other Observation, Extent: Light, Area	a Affected : 100%		
	Location: In Vault			
	Explanation: 20,000 Gallons			
Conversion Equipment				
Steam Boiler	100% 0-2 \$351,600	2042 **	1 \$67,900	В
	Obsolete Equipment, Extent : Severe, A	rea Affected : 100%		
	Location : Mechanical Room			
	Other Observation, Extent : Light, Area	a Affected : 100%		
	Location : Mechanical Room	00		
	Explanation: 2 Units			
Distribution				
Steam Piping/Pump	100% Now \$100,900	2022 \$504,400	4 \$3,800	В
	Corroded, Extent : Severe, Area Affecte	- ''	φ2,000	2
	Location: Throughout	. 1070		
	Leak Evident, Extent : Severe, Area Aff	Sactad + 100%		
		eciea . 10/0		
	Location : Mechanical Room			

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

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

Asset #: 4379

	Current Repair	Futur	e Replacement	М	aintenance		
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
<u> </u>						I	
Location Not Energ	: Air Handler y Efficient, Extent : Light, Are		\$233,700 ed:10%	1	\$25,500	В	
40% Leak Evide Location On Extend	Now \$432,600 ent, Extent : Light, Area Affec : Heating Coils In Second Fl ed Life, Extent : Severe, Area	oor Unit		1	\$8,900	В	
100%		2038	* *	1		В	
20% 10% 70%		2022 2020	\$66,700 \$14,800	2	\$900	B B D	
100%		LIFE	* *	2-5	\$42,500	В	
_	==	2027 cted : 10	* *	2	\$1,100	В	
40%	1	2027	* *	2	\$900	В	
100%		2027	* *	1		В	
Location	: Boiler Room	2020 Affected	\$22,400 : 100%	1	\$2,200	В	
Ехрини	ion . 117 Gauons						
100%		LIFE	* *	1		В	
100%		LIFE	* *	1		В	
100%		2027	* *	4	\$1,600	В	
100%						В	
	Total	Total (Years) 60% Now \$70,100 Broken, Extent: Moderate, Area Affecte Location: Air Handler Not Energy Efficient, Extent: Light, Area Location: System Needs Balancing 40% Now \$432,600 Leak Evident, Extent: Light, Area Affecte Location: Heating Coils In Second Floor On Extended Life, Extent: Severe, Area Location: Throughout 100% 20% 10% 60% Now \$3,400 Damaged, Extent: Moderate, Area Affecte Location: Over Office Space 40% 100% 100% 0ther Observation, Extent: Light, Area Location: Boiler Room Explanation: 117 Gallons 100% 100% 100%	Now \$70,100 2017 Broken, Extent: Moderate, Area Affected : 10% Location: Air Handler Not Energy Efficient, Extent: Light, Area Affected Location: System Needs Balancing 40% Now \$432,600 2032 Leak Evident, Extent: Light, Area Affected : 5% Location: Heating Coils In Second Floor Units On Extended Life, Extent: Severe, Area Affected Location: Throughout 100% 2038 20% 2022 10% 2020 70% 2022 10% 2020 70% 2027 100% \$3,400 2027 Location: Over Office Space 40% Voyer Office Space 100% 2027 100% 2027 100% 2027 100% 2020 Other Observation, Extent: Light, Area Affected Location: Boiler Room Explanation: 117 Gallons 100% LIFE 100% LIFE	% of Fail Date Estimated Cost Total Year Estimated Cost FY	Now	Wo of Fail Date Estimated Cost FY Estimated Cost Cycle C	

Vertical Transport

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

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

Mechanical	Current Repair	Future Replacemer	nt N	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated C FY	ost Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport					
Elevators					
Hydraulic	100%	LIFE	* *		C
	Other Observation, Extent : Light, Are	ea Affected : 100%			
	Location: 1-3				
	Explanation: Two Units - One Pass	enger, One Freight			
Fire Suppression					
Standpipe					
Generic	100%	2032	* * 1-5	\$38,400	В
Sprinkler			•	_	
Generic	100%	2032	* * 1-2	\$21,300	В

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WEST MIDTOWN FERRY TERMINAL / PIER 79

Address : HUDSON RIVER AT 39 STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0214.000 / 14635 Yr Built/Renovated : 2005 /
Area Sq Ft : 20,200 Project Type : FERRIES
Date of Survey : 06-Jul-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 665 Lot : 14 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,384,100	\$877,400
Interior Architecture	\$1,400,700	\$341,100
Total	\$2,784,900	\$1,218,600
Priority A	\$1,384,100	\$877,400
Priority B	\$320,300	\$263,700
Priority C	\$1,080,400	\$77,500
Total	\$2,784,900	\$1,218,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$13,800			\$7,800
Interior Architecture	\$16,400		\$58,100	\$14,900
Electrical	\$4,100	\$21,200	\$3,500	\$3,100
Mechanical	\$1,500	\$900	\$3,100	\$900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$39,800	\$26,100	\$68,600	\$30,500
Priority A	\$13,800			\$7,800
Priority B	\$9,500	\$26,100	\$10,500	\$22,800
Priority C	\$16,400		\$58,100	
Total	\$39,800	\$26,100	\$68,600	\$30,500



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

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

Asset #: 14635

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
kterior								
Exterior Walls	000/	2.4	Φ507.500	LIDE	ماه ماه	-	ф 272 400	
Metal/Glass Curt Wall		2-4 netration, E n : Through	\$597,500 Extent : Light, Area out	LIFE Affected	* *	5	\$372,400	A
Metal Panel	13%			2048	* *	5-10	\$221,900	A
Metal Coiling Doors	2%			2039	* *	5	\$15,500	A
Stucco Cement	5%			2035	* *	5	\$31,000	Α
Parapets								
Metal Rail	100%			2039	* *	5-10	\$843,400	Α
Roof								
Cast in Place Concrete	20%		\$13,800	LIFE	* *			Α
			xtent : Light, Area	Affected	: 10%			
		: Through	out		de de			
Spray-on Foam	80%			2027	* *	5	\$226,300	A
terior								
Floors	35%			2021	\$1,312,000	2	\$162,700	С
Carpet Cast in Place Concrete	55% 5%			LIFE	\$1,512,000	3 5	\$33,900	C
Ceramic Tile	50%	Now	\$569,100	2031	* *	5	\$77,500	C
Cerumie The	Cracking/		Extent : Severe, A		eted : 40%	3	Ψ77,500	C
	-	loor Evider 1 : Through	nt, Extent : Severe, out	Area Aff	ected : 75%			
Vinyl Tile	10%			2027	* *	3	\$11,600	C
Interior Walls								
Ceramic Tile	5%			2031	* *	5	\$10,600	C
Concrete Masonry Unit	5%	2-4	\$11,100	LIFE	* *	5	\$4,200	C
		Crumbling, 1 : Through	Extent : Light, Are out	ea Affecti	ed : 5%			
Glass: Special Gauge	40%	Now	\$511,300	LIFE	* *	1		C
		netration, E n : Through	xtent : Light, Area out	Affected	: 20%			
Gypsum Board	10%			LIFE	* *	5	\$12,700	С
Metal Panel	40%			LIFE	* *		. ,	C
Ceilings								
AcousTileSusp.Lay-In	10%			2039	* *	5	\$29,800	В
Embossed Metal	30%	Now	\$148,900	LIFE	* *	5	\$40,200	В
	Broken/M		ents, Extent : Ligh	t, Area A	ffected : 10%		,	
Gypsum Board	60%	Now	\$171,400	LIFE	* *	5	\$223,500	В
71	Broken/M		ents, Extent : Mod		rea Affected : 20%	-	,	_

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

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

Asset #: 14635

Electrical	Current Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment Fused Disc Sw	100% Other Observation, Extent : Modera Location : Electrical Room	2042 te, Area Affected :	**	5	\$100	В
	Explanation : One 4000 Amps Mai	n Dfisconnect Swi	tch			
Transformers Dry Type	100% Other Observation, Extent: Moderal Location: Electrical Room Explanation: One 150 Kva And 45			5	\$100	В
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%	2030	* *	5	\$500	В
Wiring Thermoplastic	100%	2042	* *	1		В
Motor Controllers Locally Mounted	100%	2035	* *	5	\$100	В
Ground Grounding Devices Not Accessible	100%					D
stand-by Power						
Transfer Switches Automatic	100%	2035	* *	1	\$6,200	В
Generators	10070				40,200	
Diesel	100% Other Observation, Extent: Moderal Location: Generator Room Explanation: One 134 Kw	2031 te, Area Affected :	**	1	\$7,800	В
Batteries						
Lead/Acid	100%	2016	\$600	5	\$700	В
Fuel Storage Main Tank	100%	2050	* *	5	\$600	В
ighting Interior Lighting Fluorescent	20% Other Observation, Extent : Modera Location : Lobby, Facade And War		**	10	\$3,700	В
Fluorescent	Explanation: T-5 Lamps 75% Other Observation, Extent: Modera. Location: Throughout Explanation: T-8 Lamps	2027 te, Area Affected :	**	10	\$13,900	В
	5%	2027	* *	2		В

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

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

Asset #: 14635

Electrical	Current Re	pair Futu	re Replacement	M	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting						
Egress Lighting						
Emergency, Service	70%	2027	* *	1		В
Exit, LED	30%	2050	* *	1		В
Exterior Lighting						
Fluorescent	20%	2027	* *	10	\$400	В
	Other Observation, Ext	ent : Moderate, Area Aff	ected : 100%			
	Location : Walkway S	lhade				
	Explanation: T-8 Lar	nps				
HID	80%	2027	* *	10		В
Lightning Protection						
Arresters/Cabling						
Generic	100%	2050	* *	5	\$600	В
Alarm						
Security System						
No Component	30%					D
Generic	70%	2027	* *	1	\$5,300	В
Fire/Smoke Detection						
Generic	100%	2027	* *	1-3	\$12,500	В
-						

Mechanical	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Natural Gas	100%	2048	* *	1		В
Air Conditioning						
Energy Source						
Electricity	100%	2044	* *	1		В
Conversion Equipment						
Ext Pkg Unit -	100%	2030	* *	2	\$1,200	В
Heating/Cooling						
	R-22 Refrigerant, Extent: Mode	rate, Area Affected : 10	00%			
	Location: Roof, A C Units					
	Other Observation, Extent : Light Location : Roof	nt, Area Affected : 100%	6			
	Explanation: 5 Units Provide	Heating Through Built	In Gas Furn	ace		
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$11,300	В
Exhaust Fans						
Roof	15%	2030	* *	2	\$100	В
No Component	85%					D
-	Other Observation, Extent : Ligh	nt, Area Affected : 0%				
	Location: Roof					
	Explanation: Ventilation Proc	ess Through A C Units				

Plumbing

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

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

Mechanical	Current Repair	Future Rep	lacement	М	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2048	* *	1		В
Water Heater						
Electric	100%	2021	\$3,000	4	\$200	В
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Backflow Preventer						
Generic	100%	2030	* *	1	\$1,200	В
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			C
	Other Observation, Extent : Light, A	Area Affected : 1009	%			
	Location: 1st: 2nd Floor					
	Explanation: One Unit					
Fire Suppression						
Sprinkler						
Generic	100%	2048	* *	1-2	\$5,700	В
Fire Pump	·	·			·	
Generic	100%	2035	* *	1	\$3,800	В

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WHITEHALL FERRY TERMINAL

Address : SOUTH & WHITEHALL STREETS @ PETER MINUIT PLAZA Borough : MANHATTAN Agency's Number : N/A Program / Asset # : DOT0106.000 / 2418 Yr Built/Renovated : 2005 / Area Sq Ft : 206,998 **Project Type** : FERRIES **Date of Survey** : 29-Jun-2011 **Landmark Status** : NONE

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

Block : 2 Lot : 1 BIN : 1085792

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,142,700	\$756,000
Interior Architecture	\$109,200	\$596,200
Electrical		\$132,900
Mechanical		\$660,100
Total	\$1,251,900	\$2,145,200
Priority A	\$1,142,700	\$756,000
Priority B		\$1,072,300
Priority C	\$109,200	\$316,900
Total	\$1,251,900	\$2,145,200

Total	\$172.300	\$230,900	\$165,400	\$190,500
Priority C	\$25,700		\$2,700	
Priority B	\$129,000	\$207,700	\$162,700	\$190,500
Priority A	\$17,600	\$23,300		
Total	\$172,300	\$230,900	\$165,400	\$190,500
Elevators/Escalators	\$32,600	\$32,600	\$32,600	\$32,600
Mechanical	\$73,900	\$141,400	\$104,000	\$115,100
Electrical	\$22,500	\$33,700	\$26,100	\$27,900
Interior Architecture	\$25,700		\$2,700	\$14,900
Exterior Architecture	\$17,600	\$23,300		
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Asset #: 2418

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Metal, Corrugated	7%			2048	* *	1		A
Metal Panel	15%			2048	* *	5-10	\$256,000	A
Metal Panel	5%			2042	* *	5-10	\$85,300	A
Pre-Cast Concrete	3%			LIFE	* *	5	\$24,200	A
Window Wall	70%			2048	* *	5	\$651,700	Α
Parapets	100/			LIDE	* *	_	Φ. 7. 200	
Concrete Masonry Unit	10%			LIFE	* *	5	\$5,300	A
Metal Rail	90%			2039	the the	5-10	\$759,100	A
Roof	900/			2027	* *	10	\$1.60.700	A
Modified Bitumen Plaza Roof: Stone Panel	80% s 20%	Now	\$17,600	2027 2042	* *	10	\$169,700	A
r iaza Kooi. Stolle r allel	Other Obs	servation, E	xtent : Moderate, A nd Lower Viewing	Area Affe	ected : 10%			A
Interior								
Floors								
Cast in Place Concrete	Location	ı : Ferry Ex	Extent : Light, Are it Concourses extent : Moderate, A			5	\$169,400	С
	Location	a: At Slips	ble Steel Boarding			Included	In Survey	
Ceramic Tile	3%		ore Sieer Boar anna	2031	**	5	\$9,300	С
Ceramic Tile	10%			2031	* *	5	\$31,000	C
	Other Obs	servation, E n : Entrance tion : 12x12			ected : 100%		70.5,000	
Granite Panels	15%			LIFE	* *	5	\$34,900	С
Terrazzo	40%	Now	\$109,200	LIFE	* *	5	\$96,800	C
		_	Extent : Light, Are uiting Room	ea Affect	ed : 2%			
Vinyl Tile	7%			2027	* *	3	\$8,100	С
Interior Walls								
Concrete Masonry Unit	60%			LIFE	* *	5	\$50,700	C
Glass: Special Gauge	10%			LIFE	* *	1		C
	Location	ı : Main Wo	xtent : Moderate, A uiting Room le Glazed Wall And					
Gypsum Board	20%			LIFE	**	5	\$25,300	С
Metal Panel	10%	4+ /Dented. Ex	\$5,500 tent : Light, Area	LIFE	* *	5	Ψ23,300	C
			Sheet Metal Colum			ing Area		

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

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

Asset #: 2418

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior							
Ceilings							
AcousTileSusp.Lay-In	10%		2039	* *	5	\$29,800	В
Exposed Struc: Steel	15%		LIFE	* *			В
Gypsum Board	10%		LIFE	* *	5	\$37,200	В
Metal Panel	65%		LIFE	* *	5	\$242,100	В

Electrical	Current Repair	Future Replacement	M	laintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts					
Service Equipment					
Fused Disc Sw	97%	2048 **	5	\$900	В
	Other Observation, Extent: Mod Location: Electrical Room Explanation: One 6000 Amps	erate, Area Affected : 100%			
Photovoltaic Panel(s)	3%	2035 **	1		В
. ,	Other Observation, Extent: Mod	erate, Area Affected : 5%			
	Location : South Facing - On W	Vater Side Of Building			
	Explanation: Blue Color Panel	ls			
Transformers					
Dry Type	100%	2039 **	5	\$800	В
	Other Observation, Extent: Mod	erate, Area Affected : 100%			
	Location : Electrical Room				
	Explanation: 3 Dry Type At 50	Kva Each			
Switchgear / Switchboard			_		_
Fused Disc Sw	100%	2048 **	5	\$900	В
Raceway					_
Conduit	100%	2048 **	1		В
Panelboards	2004	2044	_	#1.100	-
Fused Disc Sw	30%	2044 **	5	\$1,400	В
Molded Case Bkrs	70%	2044 **	5	\$3,800	В
Wiring	1000/	2040			-
Thermoplastic	100%	2048 **	1		В
Motor Controllers	200/	2030 **	~	Ф200	D
Locally Mounted	20%	2039	5	\$300	В
Motor Control Center	80%	2039 **	5	\$4,500	В
Grounding Devices					
Grounding Devices Generic	100%	LIFE **	5	\$3,000	В
Generic	Other Observation, Extent: Mod		3	\$3,000	D
	Location : Pump Room	eraie, Area Affectea : 100%			
	Explanation : Main Water Pipe				
Stand-by Power	•				
Transfer Switches					
Automatic	100%	2039 **	1	\$63,700	В

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

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

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Stand-by Power						
Generators						_
Diesel	100%	2035	**	1	\$80,200	В
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%			
	Location: Penthouse		,			
Dattacia	Explanation: One 700 Kva Catterpil	ar Gense	t			
Batteries Lead/Acid	100%	2017	\$600	5	\$7,700	В
Fuel Storage	100%	2017	\$000	3	\$7,700	D
Main Tank	100%	2057	* *	5	\$6,100	В
wani Tank	Other Observation, Extent: Moderate,		ected · 100%	3	φ0,100	Ъ
	Location: Ground Floor	117 cu 1195 c	. 10070			
	Explanation : 2600 Gallon Tank					
Lighting	.,					
Interior Lighting						
Fluorescent	70%	2030	* *	10	\$132,900	В
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps					
HID	30%	2030	* *	10	\$2,000	В
Egress Lighting						
Exit, Service	100%	2030	* *	1		В
Exterior Lighting						
HID	100%	2027	* *	10	\$600	В
Lightning Protection						
Arresters/Cabling						
Generic	100%	2057	* *	5	\$6,100	В
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%			
	Location: Roof					
	Explanation: Steel Type					
Alarm						
Fire/Smoke Detection	200/					D
No Component	30% 70%	2030	* *	1.2	¢00.200	D B
Generic	/0%	2030		1-3	\$89,300	В

Mechanical	Current Ro	epair Futu	re Replacement	Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Heating Energy Source					
Natural Gas	100%	2048	* *	1	В

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

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

Asset #: 2418

Mechanical	Current Repair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Conversion Equipment Hot Water Boiler	90% Other Observation, Extent : Li Location : 3rd Floor M. E. F		* *	1	\$92,100	В
	Explanation: 1 Unit	•				
Radiant Heater	10% Other Observation, Extent: Li Location: Street Side Of Ma Explanation: Gas Fired Rad	in Lobby		2	\$9,600	В
Distribution	Explanation: Gas I trea Raa	tani Heater In Main E	obby cening			
Hot Wtr Piping/Pump	100%	2038	* *	4	\$10,200	В
Terminal Devices Air Handler	90%	2027	* *	1	\$115,200	В
Fan Coil Unit/Heat	10%	2027	* *	1	\$6,700	В
Air Conditioning Energy Source Natural Gas	100%	2048	* *	1		В
Conversion Equipment Absorption Chiller/Direct Fire	100%	2027	* *	1	\$224,000	В
Chine/Direct File	R-134a Refrigerant, Extent : L Location : 3rd Floor M. E. R		00%			
Distribution Chilled Wtr Pipe/Pump	100%	2042	* *	4	\$10,200	В
Terminal Devices Air Handler/Cool/Ht	100%	2027	* *	1	\$128,000	В
Heat Rejection Water Cool Tower	100%	2023	\$563,200	2	\$208,300	В
Ventilation Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$115,400	В
Exhaust Fans						
Interior	80%	2027	* *	2	\$5,100	В
Roof	20%	2027	* *	2	\$1,300	В
Plumbing H/C Water Piping						
Brass/Copper	100%	2048	* *	1		В
Water Heater Gas Fired	100%	2020	\$45,600	2	\$3,000	В
Sanitary Piping	100 /0	2020	Ψ42,000		ψ3,000	ъ
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping Cast Iron	100%	LIFE	* *	1		В
Sewage Ejector(s) Electric	100%	2027	* *	4	\$1,600	В
Backflow Preventer Generic	100%	2027	* *	1	\$12,700	В

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

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

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Plumbing				
Fixtures				
Generic	100%			В
Vertical Transport				
Elevators				
Hydraulic	100%	LIFE **	•	C
	Other Observation, Extent: Light,	Area Affected : 100%		
	Location: (2) 1-4 (1) 1-3 (1) 1-3	2		
	Explanation: 4 Units			
Escalators				
Over 20' Rise	100%	LIFE **	:	C
	Other Observation, Extent: Light,	Area Affected : 100%		
	Location: 1-2			
	Explanation: 5 Units			
Fire Suppression				
Standpipe				
Generic	100%	2042 **	1-5 \$104,400	В
Sprinkler				
Generic	100%	2042 **	1-2 \$58,000	В
Fire Pump				
Generic	100%	2031 **	1 \$38,700	В

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

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ARTERIAL & FLEET SERVICES BOILER HOUSE

Address : 32-11 HARPER STREET

Borough : QUEENS Agency's Number : N/A

Date of Survey : 14-Sep-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1790 Lot : 1 BIN : 4444576

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$683,600	
Electrical	\$68,100	
Total	\$751,700	
Priority A	\$683,600	
Priority B	\$68,100	
Total	\$751,700	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$31,500		_	
Interior Architecture	\$19,600			
Electrical	\$46,900		\$5,200	
Mechanical	\$200	\$200	\$200	\$200
Total	\$98,100	\$200	\$5,300	\$200
Priority A	\$31,500			
Priority B	\$52,300	\$200	\$5,300	\$200
Priority C	\$14,300			
Total	\$98,100	\$200	\$5,300	\$200



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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES BOILER HOUSE

Asset #: 2812

chitecture	Cur	ent Rep	pair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Total (Ye		stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
erior								
Exterior Walls			440.000			_		
Cast in Place Concrete	5% No Broken/Missing Location: East Cracking/Crum Location: East	Elemen t Facad bling, E	e xtent : Severe, A		* * rea Affected : 25% rted : 25%	5	\$3,100	A
Masonry: Brick	90% No	W	\$159,800	LIFE	* *	5	\$11,200	A
	Horizontal Crac	th Faca ks, Exte th Faca Ærod, E oughout Extent	de. North Facad nt : Severe, Are de, South Facad Extent : Moderad t : Severe, Area A	le a Affecte le, West te, Area	d : 50% Facade Affected : 100%			
Wood Overhead Doors	Location : Not Split/Cracked, I	Elemen th Faca Extent : I	de, South Facad	le, West Affected	: 50%	5	\$1,600	A
Windows								
Steel	Thermally Ineff	Elemen oughoui ng, Exte t Facad cient, E.	t nt : Severe, Are le, North Facade xtent : Moderate	a Affecte e, South I	d : 50% Facade, West Faca	5 de	\$28,400	A
Domonata	Location : Thi	ougnoui	!					
Parapets Masonry: Brick	95% No Diagonal Crack Location: The Int Mortar Miss Location: The Misaligned/Bulg	s, Exten oughoud /Erod, I oughoud ging, Ext	t Extent : Modera t tent : Severe, Ar	te, Area A	Affected : 100%	5	\$5,500	A
Due Cost Cost	Location: The			LIDE	* *		φ1 000	
Pre-Cast Concrete	5% No Jnt Mortar Miss Location : Cop Open Joints, Ex Location : Cop	/Erod, I ping tent : M			Affected : 100%	5	\$1,800	A
Roof								
Not Accessible	100%							D

Interior

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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES BOILER HOUSE

Asset #: 2812

Architecture	Current Re	pair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior							
Floors							
Cast in Place Concrete	100% Now	\$14,300	LIFE	* *	5	\$10,600	C
	Cracking/Crumbling, E	xtent : Moderate	, Area Aj	ffected : 50%			
	Location: Boiler Roo	m					
Interior Walls							
Masonry: Brick	100%		LIFE	* *			C
Ceilings							
Exposed Concrete	100%		LIFE	* *	5-10	\$6,000	В
	Cracking/Crumbling, E	xtent : Severe, A	rea Affec	rted : 25%			
	Location : Boiler Roo	m					
	Water Penetration, Ext	ent : Severe, Area	a Affecte	d: 25%			
	Location : Boiler Roo	m					

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment	1000/	2.4	44.500	20.52	de de	_		
Fused Knife Sw	100%	2-4	\$1,600	2053	* *	5		В
		led Life, Ex : Electrica	tent : Moderate, Ai al Room	rea Affec	eted : 100%			
Switchgear / Switchboard	Location	. Breentee	ii Room					
Air Circuit Breaker	10%			2033	* *	5		В
Molded Case Bkrs	90%	0-2	\$68,100	2053	* *	5		В
	On Extend	led Life, Ex	tent : Light, Area A	Affected :	: 100%			
	Location	: Electrica	al Room					
Raceway								
Conduit	95%	2-4	\$17,300	2053	* *	1		В
	On Extend	led Life, Ex	tent : Moderate, A	rea Affec	eted : 100%			
	Location	: Electrica	al Room					
Conduit	5%			2033	* *	1		В
Panelboards								
Fused Toggle Switch	90%	0-2	\$15,500	2048	* *	5		В
			tent : Moderate, A	rea Affec	eted : 100%			
	Location	: Electrica	al Room					
Molded Case Bkrs	10%			2022	\$1,700	5		В
Wiring								
Braided Cloth	85%	2-4	\$12,500	2048	* *	1		В
	Insulation	Aged, Exte	ent : Moderate, Are	a Affecte	ed : 100%			
	Location	: Electrica	ıl Room					
Thermoplastic	10%			2023	\$1,500	1		В
Thermoplastic	5%			2033	* *	1		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.

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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES BOILER HOUSE

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting							
Interior Lighting							
Fluorescent	20%		2018	\$800	10	\$600	В
HID	10%		2018	\$500	10		В
Incandescent	70%		2018	\$2,900	2	\$100	В
Exterior Lighting							
HID	100%		2018	\$300	10		В

Mechanical	C	urrent Repair	Futur	e Replacement	M	aintenance	
System Component Type	, , , , , , , ,	nil Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Natural Gas	100%		2033	* *	1		В
		cation, Extent : Severe, Area	a Affecte	d: 100%			
	Location : B	Boiler Room					
	Explanation	: Building Is Abandoned I	Except F	or Active Electrica	l Room		
Conversion Equipment							
Furnace	100%		2023	\$3,700	1	\$1,600	В
	Other Observ	ation, Extent : Light, Area	Affected	: 100%			
	Location: 1	st Floor					
	Explanation	a : 1 Driect Fire Unit					
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2023	\$9,100	1		В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В

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

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ARTERIAL & FLEET SERVICES GAS HOUSE

Address : 32-11 HARPER STREET

Borough : QUEENS Agency's Number : N/A

 Program / Asset #
 : DOT0092.020 / 564
 Yr Built/Renovated
 : 1937 / 1997

 Area Sq Ft
 : 1,876
 Project Type
 : HIGHWAYS

Date of Survey : 14-Sep-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1790 Lot : 1 BIN : 4444576

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$94,400	
Total	\$94,400	
Priority A	\$94,400	
Total	\$94,400	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$4,100		\$5,500	
Interior Architecture	\$100			\$100
Electrical	\$5,200		\$100	
Mechanical	\$100	\$100	\$4,200	\$100
Total	\$9,500	\$100	\$9,900	\$300
Priority A	\$4,100		\$5,500	
Priority B	\$5,300	\$100	\$4,300	\$100
Priority C	\$100			\$100
Total	\$9,500	\$100	\$9,900	\$300



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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES GAS HOUSE

Asset #: 564

Architecture	Current Rep	pair Fut	ure Replacement	M	aintenance	
ystem Component Type	% of Fail Date E Total (Years)	stimated Cost Yea	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior						
Exterior Walls Masonry: Brick	95% Now Diagonal Cracks, Exten Location: Throughout Jnt Mortar Miss/Erod, E Location: Throughout Spalling, Extent: Severe	Extent : Moderate, Area	ected : 25% a Affected : 50%	5	\$6,800	A
	Location: Throughout					
Pre-Cast Concrete	5% Now Broken/Missing Elemen Location: Building Bo Jnt Mortar Miss/Erod, I Location: At Window	ise Extent : Moderate, Ared	ea Affected : 25%	5	\$1,200	A
Windows						
Glass Block	100%	LIF	E **	5	\$500	A
Parapets Masonry: Brick	95% Now Diagonal Cracks, Exten Location: Corners		ected : 25%	5	\$2,200	A
	Jnt Mortar Miss/Erod, E Location: Throughout Vertical Cracks, Extent Location: Throughout Water Penetration, Exte Location: Throughout	: : Moderate, Area Affec : nt : Moderate, Area Aj	cted : 25%			
Pre-Cast Concrete	5% Now	\$800 LIF		5	\$700	A
	Jnt Mortar Miss/Erod, E Location: Coping	Extent : Moderate, Area	a Affected : 50%			
Roof						
Modified Bitumen	100%	202	**	10	\$5,500	Α
terior						
Floors Cast in Place Concrete	65%	LIF	¬ **	5	\$4,200	С
Vinyl Tile	35%	203		3	\$4,200 \$500	C
Interior Walls	33 /0	203	•		Ψ500	
Concrete Masonry Unit	25%	LIF	E **	5		C
Masonry: Brick	75% Water Penetration, Exte Location : Throughout	LIF1 nt : Moderate, Area A	**			С
Ceilings Exposed Concrete	100%	LIF		5	\$500	В

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

Under 600 Volts

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

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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES GAS HOUSE

Asset #: 564

Electrical		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	* *	5	\$100	В
Raceway								
Conduit	100%			2023	\$2,700	1		В
Panelboards								
Fused Toggle Switch	40%	2-4	\$2,300	2048	* *	5		В
	On Extended Life, Extent: Moderate, Area Affected: 100%							
	Location .	: Gasoline	Attendant Room					
Molded Case Bkrs	60%			2039	* *	5		В
Wiring								
Braided Cloth	70%	2-4	\$2,900	2048	* *	1		В
		Aged, Exte Through	nt : Moderate, Are out	a Affecte	ed : 100%			
Thermoplastic	30%			2043	* *	1		В
Motor Controllers								
Locally Mounted	100%			2028	* *	5		В
Lighting								
Interior Lighting								
Fluorescent	50%			2023	\$2,000	10	\$900	В
		Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout						
	Explanati	on : Using	T-12 Lamps					
HID	5%			2023		10		В
Incandescent	45%			2023	\$1,800	2		В
Exterior Lighting								
HID	100%			2018	\$100	10		В

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Natural Gas	100%	2033	* *	1		В
Conversion Equipment						
Furnace	100%	2023	\$2,300	1	\$1,000	В
	Other Observation, Extent : Light, A	rea Affected :	100%			
	Location: Various Locations					
	Explanation: 2 Direct Fired Unit	Heaters				
Air Conditioning						
Energy Source						
Electricity	100%	2031	* *	1		В
Conversion Equipment						
Window/Wall Unit	100%	2018	\$3,800	1		В
Ventilation						
Exhaust Fans						
Wall Unit	100%	2023	\$2,800	2	\$100	В

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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES GAS HOUSE

Mechanical	Current F	Repair F	uture Replacement	N	laintenance	
System Component Type	% of Fail Date Total (Years)		ear Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
H/C Water Piping						
Brass/Copper	100%	20)33 **	1		В
Water Heater						
Electric	100%	20	18 \$300	4		В
Sanitary Piping						
Cast Iron	100%	LI	FE **	1		В
Storm Drain Piping						
Cast Iron	100%	LI	FE **	1		В

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ARTERIAL & FLEET SERVICES GUARD HOUSE

Address : 32-11 HARPER STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0092.150 / 174 Yr Built/Renovated : 1997 /

Area Sq Ft : 96 Project Type : HIGHWAYS

Date of Survey : 14-Sep-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1790 Lot : 1 BIN : 4444576

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture		\$200	\$700	
Interior Architecture		\$100		
Electrical				
Mechanical			\$200	
Total		\$300	\$900	
Priority A		\$200	\$700	
Priority B			\$200	
Priority C		\$100		
Total		\$300	\$900	



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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES GUARD HOUSE

Asset #: 174

Architecture	Current	Repair Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior						
Exterior Walls						
Window Wall	100%	2043	* *	5	\$1,400	A
Roof						
Roll Roofing	100%	2022	\$1,100	5	\$500	A
Interior						
Floors						
Ceramic Tile	100%	2032	* *	5	\$100	C
Ceilings						
Fiber Board	100%	2028	* *			В

Electrical	Curr	ent Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Switchgear / Switchboard							
Molded Case Bkrs	100%		2033	* *	5		В
Raceway							
Conduit	100%		2033	* *	1		В
Panelboards							
Molded Case Bkrs	100%		2031	* *	5		В
Wiring							
Thermoplastic	100%		2033	* *	1		В
Lighting							
Interior Lighting							
Fluorescent	100%		2023	\$200	10	\$100	В
	Other Observation	on, Extent : Moderate, A	Area Affe	ected : 100%			
	Location: Thre	oughout					
	Explanation: U	Using T-12 Lamps					

Mechanical	Current Repair	Future Repl	acement	М	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Electricity	100%	2043	* *	1		В
Conversion Equipment						
Radiant Heater	100%	2023	\$400	2		В
	Other Observation, Extent : Light,	Area Affected: 1009	%			
	Location : Office					
	Explanation: 1 Unit					
Air Conditioning						
Energy Source						
Electricity	100%	2039	* *	1		В
Conversion Equipment						
Window/Wall Unit	100%	2018	\$200	1		В

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

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

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ARTERIAL & FLEET SERVICES MAIN GARAGE

Address : 32-11 HARPER STREET

Borough : QUEENS Agency's Number : N/A

 Program / Asset #
 : DOT0092.000 / 2412
 Yr Built/Renovated
 : 1937 / 1997

 Area Sq Ft
 : 64,562
 Project Type
 : HIGHWAYS

Date of Survey : 14-Sep-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 1790 Lot : 1 BIN : 4444576

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,158,900	\$58,400
Interior Architecture	\$357,800	
Electrical	\$41,800	\$188,000
Mechanical		\$554,100
Total	\$1,558,500	\$800,600
Priority A	\$1,158,900	\$58,400
Priority B	\$94,500	\$742,200
Priority C	\$305,100	
Total	\$1,558,500	\$800,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$31,300		\$10,700	\$2,100
Interior Architecture	\$50,600	\$900		\$900
Electrical	\$16,400	\$300	\$35,100	
Mechanical	\$13,700	\$5,800	\$24,800	\$4,700
Total	\$112,100	\$7,100	\$70,600	\$7,700
Priority A	\$31,300		\$10,700	\$2,100
Priority B	\$37,400	\$6,200	\$59,900	\$4,700
Priority C	\$43,400	\$900		\$900
Total	\$112,100	\$7,100	\$70,600	\$7,700



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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES MAIN GARAGE

rchitecture	Current Repair		Future Replacement		Maintenance		
ystem Component Type	% of Fail Date Est Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior							
Exterior Walls					_		
Masonry: Brick	85% Now Diagonal Cracks, Extent Location : South Facad Horizontal Cracks, Exten	: Moderate, Are e, North Facade t : Moderate, Ai	ea Affe		5	\$58,400	A
	Location : North Facad	*					
	Int Mortar Miss/Erod, Extent : Moderate, Area Affected : 50% Location : Throughout						
	Misaligned/Bulging, Extent : Moderate, Area Affected : 10% Location : South Facade						
	Rusting Masonry Supt, Ex Location: Above Overh		rea Affe	ected : 50%			
Metal Coiling Doors	10%		2028	* *	5	\$21,500	A
Pre-Cast Concrete	5% Now	\$21,500	LIFE	* *	5	\$11,200	A
	Jnt Mortar Miss/Erod, Ex Location : Window Sills Misaligned/Bulging, Exte Location : Building Bas	nt : Moderate, A					
Windows			• • • •	de de	_		
Aluminum	25%		2039	* *	5	\$4,100	A
Glass Block	75%		LIFE	* *	5	\$7,700	A
Parapets Masonry: Brick	95% Now Diagonal Cracks, Extent Location: East Facade		LIFE Affected	**: 10%	5	\$27,400	A
	Misaligned/Bulging, Exte Location : North Facad	e, South Facade	?				
	Spalling, Extent : Modero Location : Interior Face		ed : 25%	Ó			
Pre-Cast Concrete	5% Now Jnt Mortar Miss/Erod, Ex Location: Coping	tent : Moderate			5	\$9,100	A
	Open Joints, Extent : Mod Location : Coping	derate, Area Aff	ected : :	50%			

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES MAIN GARAGE

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	•	•		•
Roof				
Asphalt Shingle	65% Now \$113,3 Cracking/Crumbling, Extent: Mod Location: At Ridge Water Penetration, Extent: Moder Location: Garage Area	lerate, Area Affected : 20%		A
Modified Bitumen	30% Now \$88,6 Miss/Damaged Flashings, Extent : Location : Over Garage Area At Water Penetration, Extent : Moder Location : Garage Area	Moderate, Area Affected : 10% Highway Columns		A
Skylight, Plastic	5% Now \$155,9 Miss/Damaged Flashings, Extent: Location: Over Garage Area Water Penetration, Extent: Light, Location: Garage Area	Moderate, Area Affected : 25%	1	A
Interior				
Floors				
Asphalt Macadam	90% Now \$244,3 Broken/Missing Elements, Extent: Location: Throughout Uneven Substrate, Extent: Modera Location: Throughout	Moderate, Area Affected : 25%	5 \$21,200	С
Ceramic Tile	2%	2032 **	5 \$1,900	С
Vinyl Tile	8% Now \$60,7 Broken/Missing Elements, Extent: Location: Office Areas Cracking/Crumbling, Extent: Mod Location: Office Areas	700 2033 ** Moderate, Area Affected : 50%	3 \$2,800	C
Interior Walls				
Cast in Place Concrete	5% Now \$14,0 Cracking/Crumbling, Extent : Mod Location : Columns			С
Concrete Masonry Unit	30% Now \$29,4 Diagonal Cracks, Extent: Modera Location: Wall Dividing Garage Horizontal Cracks, Extent: Severe Location: Wall Dividing Garage	ate, Area Affected : 20% e Areas e, Area Affected : 25%	5 \$2,800	С
Maconry Prick	65%	LIFE **		С
Masonry: Brick	03%	LIFE **		C

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES MAIN GARAGE

Asset #: 2412

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$7,200	2028	* *	5	\$2,400	В
		O	ents, Extent : Mod	erate, Ar	rea Affected : 20%			
	Location	: Toilets						
Exposed Struc: Steel	20%			LIFE	* *			В
Exposed Struc: Wood	60%			LIFE	* *			В
	Water Pen	etration, E.	xtent : Light, Area	Affected	: 20%			
	Location	: Garage A	Area					
Plaster	15%	Now	\$52,700	LIFE	* *	5	\$8,800	В
	Broken/Mi	issing Elem	ents, Extent : Seve	re, Area	Affected : 25%			
	Location	: East And	l North Areas Of G	arage				
	Cracking/	Crumbling,	Extent : Moderate	, Area Ą	ffected : 25%			
	Location	: East And	l North Areas Of G	arage				
	Water Pen	etration, E.	xtent : Severe, Are	a Affecte	d: 20%			
	Location	: Garage						

lectrical		Current Rep	pair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	\$106,000	5	\$1,700	В
Raceway								
Conduit	50%			2033	* *	1		В
Conduit	50%			2023	\$16,900	1		В
Panelboards								
Fused Toggle Switch	5%	2-4	\$3,700	2048	* *	5		В
		ed Life, Exter : Painting W	nt : Moderate, A York Shop	rea Affec	eted : 100%			
Molded Case Bkrs	55%			2031	* *	5	\$900	В
Molded Case Bkrs	40%			2022	\$29,800	5	\$700	В
Wiring								
Braided Cloth	40%	2-4	\$12,100	2048	* *	1		В
	Insulation	Aged, Extent	: Moderate, Are	a Affecte	ed : 100%			
	Location	: Throughou	t					
Thermoplastic	60%			2033	* *	1		В
Motor Controllers								
Locally Mounted	50%			2028	* *	5	\$200	В
Locally Mounted	50%			2021	\$10,800	5	\$200	В

Lighting

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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES MAIN GARAGE

Asset #: 2412

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting						
Interior Lighting						
Fluorescent	10%	2018	\$8,000	10	\$5,800	В
	Other Observation, Extent: Moderate,	Area Affe	ected : 100%			
	Location: Throughout					
	Explanation: Using T-12 Lamps					
HID	50%	2023	\$52,200	10	\$1,000	В
HID	40%	2018	\$41,800	10	\$800	В
Egress Lighting						
Exit, Service	100%	2018	\$8,700	1		В
Exterior Lighting						
HID	100%	2018	\$10,700	10	\$200	В

Mechanical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimat Total (Years)	red Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Natural Gas	100%	2033	* *	1		В
Conversion Equipment						
Furnace	100%	2023	\$72,900	1	\$31,100	В
	Other Observation, Extent : Li	ght, Area Affected	: 100%			
	Location: Various Locations	S .				
	Explanation: 50 Direct Fire	ed Unit Heaters				
Air Conditioning						
Energy Source						
Electricity	100%	2031	* *	1		В
Conversion Equipment						
Window/Wall Unit	10%	2018	\$12,300	1		В
No Component	90%					D
Ventilation						
Exhaust Fans						
Wall Unit	100%	2023	\$90,200	2	\$1,900	В
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2023	\$178,200	1		В
Water Heater						
Electric	100%	2016	\$9,200	4	\$500	В
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Fixtures						
Generic	100%					В
Fire Suppression						
Standpipe						
Generic	100%	2023	\$212,900	1-5	\$31,700	В

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ARTERIAL & FLEET SERVICES OFFICE & STOREHOUSE

Address : 32-11 HARPER STREET

Borough : QUEENS Agency's Number : N/A

Date of Survey : 14-Sep-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 1790 Lot : 1 BIN : 4444576

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$336,900	
Interior Architecture	\$210,000	\$17,300
Electrical		\$114,800
Total	\$546,900	\$132,100
Priority A	\$336,900	
Priority B	\$95,900	\$114,800
Priority C	\$114,100	\$17,300
Total	\$546,900	\$132,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$20,600	_	\$28,700	\$1,900
Interior Architecture	\$8,600	\$800	\$5,900	\$13,500
Electrical	\$5,100		\$11,100	
Mechanical	\$700	\$800	\$17,500	\$700
Total	\$35,000	\$1,600	\$63,200	\$16,100
Priority A	\$20,600		\$28,700	\$1,900
Priority B	\$13,800	\$800	\$31,900	\$700
Priority C	\$500	\$800	\$2,700	\$13,500
Total	\$35,000	\$1,600	\$63,200	\$16,100



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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES OFFICE & STOREHOUSE

Asset #: 2406

rchitecture		Current Rep	pair	Futur	e Replacement	М	aintenance	
rstem Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior								
Exterior Walls	750/	N	¢246.700	LIPP	* *	_	¢21 c00	
Masonry: Brick	Location Jnt Mortar	: West Facad Miss/Erod, I	\$246,700 nt : Severe, Area le, East Facade Extent : Severe, A		d : 25%	5	\$21,600	A
	Misaligned		le, East Facade tent : Severe, Ar de	ea Affect	ed : 20%			
	Location	: West Facac	le		ea Affected : 10%			
	_	sonry Supt, I : Throughou	Extent : Modera t	te, Area	Affected : 50%			
Masonry: Granite		-	\$16,100 ts, Extent : Mod iers Along South		* * rea Affected : 10%	5	\$1,100	A
Metal Sect. OHD	5%			2028	* *	5	\$4,500	A
Pre-Cast Concrete	5% Jnt Mortar	Now Miss/Erod, I	\$4,500 Extent : Moderat	LIFE e, Area A	* * Affected : 50%	5	\$4,700	A
	Location	: North Faca	de, Widow Sills					
Stucco Cement	10%			2028	* *	5	\$7,200	A
Windows								
Aluminum	50%			2039	* *	5	\$3,800	A
Glass Block	50%			LIFE	* *	5	\$2,300	A
Parapets Masonry: Brick	95%	Now	\$40,200 Extent : Moderat	LIFE	* *	5	\$2,400	A
		: Throughou		e, Area I	Affectea . 50%			
	Misaligned	_	ent : Severe, Arc	ea Affect	ed : 25%			
Metal Panel	5%			2043	* *	5	\$500	A
Roof							· · · · · · · · · · · · · · · · · · ·	
Modified Bitumen	95%			2028	* *	10	\$22,600	A
Skylight, Metal/Glass			\$50,000 int : Moderate, A Locker Room	2033 Area Affe	* * cted : 15%			A
			nt : Moderate, A Locker Room	Area Affe	cted : 20%			

Interior

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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES OFFICE & STOREHOUSE

Asset #: 2406

Architecture	Current Repair Future Replacement Maintenance		aintenance				
ystem Component Type	% of Total	Fail Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior							
Floors							
Carpet	5%		2019		3	\$2,100	C
Cast in Place Concrete	45%		LIFE		5	\$21,200	C
Ceramic Tile	5%		2032		5	\$1,100	C
Vinyl Tile	25%		2018	\$43,300	3	\$2,000	C
		ervation, Extent : Moder	rate, Area Afj	fected : 100%			
		: Throughout					
	Explana	tion : 9x9 Tiles					
Vinyl Tile	10%		2023	\$17,300	3	\$800	С
Wood	10%		2038	* *	5	\$4,000	C
Interior Walls							
Masonry: Brick	60%	Now \$70,8	300 LIFE	* *			C
-	Diagonal	Cracks, Extent : Severe,	Area Affecte	d : 25%			
	Location	: Storage Space					
	Vertical C	racks, Extent : Severe, A	rea Affected	: 25%			
	Location	: Storage Space					
Plaster	20%		LIFE	* *	5	\$600	С
Plywood/Hardboard	10%		LIFE			,	C
SGFT/Glazed Masonry	10%		LIFE	* *			C
Ceilings							
AcousTileSusp.Lay-In	30%		2028	* *	5	\$6,400	В
Exposed Concrete	20%		LIFE		5	\$700	В
Exposed Struc: Wood	25%	Now \$95,9				·	В
1	Split/Crac	ked, Extent : Moderate, 1					
	-	: Storage Area	55				
		Discoloring, Extent : Mod	lerate, Area 1	Affected : 25%			
		: Over Storage Area		33			
Gypsum Board	10%		LIFE	* *	5	\$2,700	В
Plaster	15%	Now \$8,0			5	\$2,700 \$2,000	В
1 148151		NOW 58,0 Crumbling, Extent : Mod			3	\$2,000	D
	_	e: Mens Locker Room	eruie, Areu I	1 ₁ 1 ₂ 1 ₂ 1 ₂ 1 ₁ 1 ₂ 1 ₂ 1 ₂ 1 ₂ 1 ₂			
		e : Mens Locker Room Detration, Extent : Moder	ata Araa Af	Sected . 100/			
		ietration, Extent : Moaer v : Mens Locker Room	ше, Агеа АД	eciea : 10%			
	Locuiton	. Mens Locker Room					

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Switchgear / Switchboard							
Molded Case Bkrs	100%		2023	\$60,600	5	\$300	В
Raceway							
Conduit	50%		2023	\$9,700	1		В
Conduit	50%		2033	* *	1		В
Panelboards							
Molded Case Bkrs	80%		2031	* *	5	\$200	В
Molded Case Bkrs	20%		2022	\$4,600	5	\$100	В

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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES OFFICE & STOREHOUSE

Asset #: 2406

Electrical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Wiring						
Braided Cloth	20% 2-4	\$4,900 2048	* *	1		В
	Insulation Aged, Extent : Mo Location : Throughout	oderate, Area Affected	l : 100%			
Thermoplastic	80%	2033	* *	1		В
Motor Controllers						
Locally Mounted	100%	2021	\$8,100	5	\$100	В
Lighting						
Interior Lighting						
Fluorescent	90%	2023	\$54,200	10	\$11,900	В
	Other Observation, Extent:	Moderate, Area Affec	ted : 100%			
	Location: Throughout					
	Explanation: Using T-12	Lamps				
HID	5%	2018	\$3,900	10		В
Incandescent	5%	2018	\$3,000	2		В
Exterior Lighting						
HID	100%	2018	\$4,000	10		В

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estin	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Natural Gas	100%	2033	* *	1		В
Conversion Equipment						
Furnace	100%	2023	\$16,600	1	\$7,100	В
	Other Observation, Extent		: 100%			
	Location : Various Locat	ions				
	Explanation: 30 Direct I	Fired Unit Heaters				
Air Conditioning						
Energy Source						
Electricity	100%	2031	* *	1		В
Conversion Equipment						
Window/Wall Unit	60%	2018	\$16,800	1		В
No Component	40%					D
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2033	* *	1		В
Water Heater						
Electric	100%	2021	\$2,100	4	\$100	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.

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES OFFICE & STOREHOUSE

Asset #: 2406

Print Date: 24-Oct-2014 **DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : ARTERIAL & FLEET SERVICES STORAGE 1

Address : 32-11 HARPER STREET

Borough : QUEENS Agency's Number : N/A

Areas Surveyed : Roof, Floors 1

Block : 1790 Lot : 1 BIN : 4444576

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

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$32,000		\$9,800	
Interior Architecture			\$7,200	
Electrical	\$6,700		\$100	
Mechanical	\$100	\$200	\$1,300	\$200
Total	\$38,800	\$200	\$18,500	\$200
Priority A	\$32,000		\$9,800	
Priority B	\$6,800	\$200	\$1,400	\$200
Priority C			\$7,200	
Total	\$38,800	\$200	\$18,500	\$200



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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES STORAGE 1

Asset #: 2407

Architecture	Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior								
Exterior Walls	0.50/	N.T.	Φ .	LICE	* *	~	Φ0.600	
Masonry: Brick	Location	: Corners	\$55,100 nents, Extent : Mod tent : Severe, Area		ea Affected : 20%	5	\$9,600	A
	Horizonta		xtent : Moderate, A	Area Affeo	eted : 20%			
			cade, West Facade					
		· Miss/Eroc : Through	d, Extent : Moderai out	te, Area A	ffected : 100%			
Metal Coiling Doors	10%			2028	* *	5	\$3,500	A
Pre-Cast Concrete	5%	Now	\$3,600	LIFE	* *	5	\$1,800	A
			d, Extent : Modera ow Sills, Building I		ffected : 50%			
Windows								
Glass Block	100%			LIFE	* *	5	\$2,600	Α
Parapets Masonry: Brick	95% Diagonal	Now Cracks, Ex	\$16,800 tent : Moderate, Ai	LIFE rea Affect	* * ed : 15%	5	\$1,500	A
	_	: At Corne						
		· Miss/Eroo : Through	l, Extent : Modera out	te, Area A	ffected : 50%			
Metal Panel	5%			2043	* *	5	\$300	A
Roof								
Modified Bitumen	95%			2028	* *	10	\$7,900	A
Skylight, Metal/Glass		Now Rusting, E : Main Ro	\$11,600 Extent : Moderate, A of	2033 Area Affed	* * cted : 10%			A
	Glazing B		ked, Extent : Mode	erate, Are	a Affected : 10%			
terior								
Floors Cast in Place Concrete	80%			LIFE	* *	5	\$7,700	С
Vinyl Tile	20%			2018	\$7,100	3	\$300	C
v myr rne	Other Obs Location	ervation, E : Through ion : 9x9 T				3	Ψ500	C
Interior Walls		2002 1						
Masonry: Brick	100%			LIFE	* *			С
Ceilings Exposed Struc: Wood	100%			LIFE	* *			В

Electrical	Cur	rent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Under 600 Volts

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

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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES STORAGE 1

Asset #: 2407

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	* *	5		В
Raceway								_
Conduit	100%			2023	\$2,700	1		В
Panelboards								
Fused Disc Sw	20%			2031	* *	5		В
Fused Toggle Switch	80%	2-4	\$4,600	2048	* *	5		В
		-	tent : Moderate, Ai	rea Affec	rted : 100%			
	Location	: Receivin	g Office Room					
Wiring								
Braided Cloth	50%	2-4	\$2,100	2048	* *	1		В
		0 .	nt : Moderate, Are	a Affecte	ed : 100%			
	Location	: Through	out					
Thermoplastic	50%			2033	* *	1		В
Motor Controllers								
Locally Mounted	100%			2021	\$1,900	5		В
Lighting								
Interior Lighting								
Fluorescent	95%			2023	\$5,600	10	\$2,600	В
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	: Through	out					
	Explanat	ion : Using	g T-12 Lamps					
HID	5%			2018	\$100	10		В
Exterior Lighting								
HID	100%			2018	\$100	10		В

Mechanical	Current Repair	Future Replacement Maintenance		Maintenance		
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Natural Gas	100%	2033	* *	1		В
Conversion Equipment						
Furnace	100%	2023	\$3,400	1	\$1,500	В
	Other Observation, Extent:	Light, Area Affected	: 100%			
	Location : Various Location	ons				
	Explanation: 2 Direct Fire	ed Unit Heaters				
Air Conditioning						
Energy Source						
Electricity	100%	2031	* *	1		В
Conversion Equipment						
Window/Wall Unit	20%	2018	\$1,100	1		В
No Component	80%					D
Ventilation						
Exhaust Fans						
Wall Unit	100%	2023	\$4,200	2	\$100	В

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

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

DEPARTMENT OF TRANSPORTATION - 841 ARTERIAL & FLEET SERVICES STORAGE 1

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Plumbing				
Storm Drain Piping				
Cast Iron	100%	LIFE **	1	В

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BAYRIDGE GARAGE

Address : 8501 FIFTH AVENUE @ 85TH ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0203.000 / 14316 Yr Built/Renovated : 1972 /

Area Sq Ft : 88,950 Project Type : HIGHWAYS

Date of Survey : 07-Mar-2014 Landmark Status : NONE

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

Block : 6036 Lot : 1 BIN : 3153196

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$123,400	\$56,100
Interior Architecture	\$333,000	\$119,200
Electrical	\$104,400	\$337,900
Total	\$560,700	\$513,300
Priority A	\$123,400	\$56,100
Priority B	\$178,300	\$337,900
Priority C	\$259,100	\$119,200
Total	\$560,700	\$513,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$67,400		\$2,600	
Interior Architecture	\$50,800			\$1,800
Electrical	\$4,900	\$700	\$700	\$1,800
Mechanical	\$7,400		\$8,500	
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$138,400	\$8,600	\$19,700	\$11,500
Priority A	\$67,400		\$2,600	
Priority B	\$20,100	\$8,600	\$17,100	\$9,700
Priority C	\$50,800			\$1,800
Total	\$138.400	\$8,600	\$19.700	\$11,500



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

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

Asset #: 14316

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
kterior								
Exterior Walls								
Cast in Place Concrete	35%			LIFE	* *	5	\$112,200	A
Concrete Masonry Unit		Now	\$25,000	LIFE	* *	5	\$2,000	A
	_	_	Extent: Moderate	, Area A	ffected : 20%			
		: East Fac						
			derate, Area Affect	ted : 10%	ó			
	Location	: East Fac	rade					
Masonry: Brick	16%			LIFE	* *	5	\$10,300	A
Masonry: Granite	2%			LIFE	* *	5	\$1,000	A
Metal Panel	15%			2035	* *	5-10	\$33,100	A
Metal Coiling Doors	2%			2038	* *	5	\$2,000	A
Pre-Cast Concrete	10%			LIFE	* *	5	\$20,800	A
Window Wall	10%			2045	* *	5	\$12,000	A
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 50%			
	Location	: West And	d South Sides					
	Explanat	ion : Sectio	ons Of The First Fl	loor Are	Occupied By A Ba	nk And S	tores	
Windows								
Metal Louvers	25%			2034	* *	10	\$3,000	A
No Component	75%							D
Parapets								
Cast in Place Concrete	85%			LIFE	* *	5	\$50,600	A
Metal Rail	5%			2038	* *	5-10	\$2,600	A
Metal: Cage/Fence	10%	4+	\$1,100	2030	* *	5	\$900	A
	Corrosion	Rusting, E	xtent : Moderate, A	Area Affe	ected : 50%			
	Location	: East Fac	rade					
	Deteriorat	ed Finish,	Extent : Moderate,	Area Afj	fected : 50%			
	Location	: East Fac	rade					
Roof								
Traffic Topping	95%	Now	\$67,300	2030	* *			A
			Extent: Moderate	, Area A	ffected : 20%			
	Location	: Over Let	vel 4					
	Water Pen	etration, E	xtent : Moderate, A	Area Affe	cted : 10%			
	Location	: Level 4						
Not Accessible	5%							D

Interior

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

Asset #: 14316

Architecture		Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
nterior									
Floors									
Cast in Place Concrete	25%		\$59,700	LIFE	* *	5	\$66,200	C	
	U	O.	, Extent : Moderate sement Entrance	, Area A	ffected : 20%				
Ceramic Tile	2%			2034	* *	5	\$2,400	С	
Traffic Topping	70%	Now	\$199,400	2030	* *	5	\$53,000	C	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25% Location : Levels One And Two								
			: Moderate, Area I Ine And Two	Affected	: 25%				
Vinyl Tile	3%		\$29,300	2035	* *	3	\$1,400	С	
	U	Cracking/Crumbling, Extent: Moderate, Area Affected: 25%							
		ı : Office							
		ded, Extent 1 : Office	: Moderate, Area	Affected	: 50%				
Interior Walls									
Cast in Place Concrete	70%			LIFE	* *	10	\$20,300	C	
Ceramic Tile	2%			2034	* *	5	\$200	C	
Concrete Masonry Unit	20%			LIFE	* *	5	\$1,900	C	
Masonry: Brick	8%			LIFE	* *	10	\$300	C	
Ceilings									
Exposed Concrete	100%	Now	\$73,900	LIFE	* *	5	\$18,900	В	
			Extent : Moderate, P	Area Affe	ected : 10%				
	Location	ı : Level 4							

lectrical	Current Repair	Future	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2025	\$5,300	5	\$400	В
	Other Observation, Extent	: Moderate, Area Affe	cted : 100%			
	Location : Electrical Roo	m				
	Explanation : Main Servi	ce Switch Rated @ 80	0 Amperes			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2025	\$30,300	5	\$2,300	В
Raceway						
Conduit	100%	2025	\$37,500	1		В
Panelboards						
Fused Disc Sw	20%	2024	\$5,700	5	\$400	В
Molded Case Bkrs	80%	2024	\$22,900	5	\$1,900	В
Wiring						
Thermoplastic	100%	2025	\$27,800	1		В
round						
Grounding Devices						
Not Accessible	100%					D

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

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

Asset #: 14316

Electrical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting						
Interior Lighting						
Fluorescent	45% 0-2 \$67,300	2035	* *			В
	Inadequate Ltg Level, Extent : Moderat	te, Area Aj	ffected : 100%			
	Location: Throughout The Buulding					
Fluorescent	50%	2020	\$74,800	10	\$37,100	В
	Other Observation, Extent: Moderate,	Area Affe	cted : 100%			
	Location: Throughout The Building					
	Explanation: T-12 Lamps					
Incandescent	5%	2020	\$7,500	2	\$100	В
Egress Lighting						
Exit, Service	100%	2025	\$11,100	1		В
Exterior Lighting						
Fluorescent	50%	2020	\$8,200	10	\$4,100	В
	Other Observation, Extent : Moderate,	Area Affe	cted : 100%			
	Location : Outside The Building					
	Explanation: Compact Fluorescent L	_				
HID	50%	2020	\$2,300	10	\$100	В
Alarm						
Security System	000					_
No Component	80%		*** *********************************			D
Generic	20%	2020	\$51,000	1	\$6,600	В
	Other Observation, Extent: Moderate,	Area Affe	cted : 20%			
	Location: 1st And 2nd Levels	G .				
F' /G 1 D / /'	Explanation: CCTV Surveillance Car	nera Syste	em Is Functional			
Fire/Smoke Detection	80%					D
No Component	20%	2020	\$174,600			D B
Generic, Analog	20% Other Observation, Extent: Moderate,		. ,			Б
	Location: Throughout The Building	лтеи лује	ией . 100/0			
	Explanation: Fire Alarm System Is O	old And Ic	Still Functional			
	Explanation . Pire Atarm System is O	iu Anu IS	Siii Functional			

Mechanical		Current Repair		Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estimat (Years)	ted Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Electricity	100%			2035	* *	1		В
Conversion Equipment								
Radiant Heater	5%	0-2	\$200	2035	* *	2		В
	Damaged,	Extent : Severe, Are	ea Affecte	d: 3%				
	Location	: Rest Room						
No Component	95%							D
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		В

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

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

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning							
Conversion Equipment							
Window/Wall Unit	5%		2018	\$7,900	1		В
No Component	95%						D
Plumbing							
H/C Water Piping							
Brass/Copper	5%		2035	* *	1		В
No Component	95%						D
Water Heater							
Electric	5%		2018	\$600	4		В
No Component	95%						D
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Sump Pump(s)							
Submersible	100%		2016	\$6,300	4	\$2,500	В
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			C
	Other Obs	ervation, Extent : Light, Area	ı Affected	l : 100%			
	Location	: Level 1 - Roof					
	Explana	tion: 2 Units					
Fire Suppression							
Standpipe							
Generic	100%		2035	* *	1-5	\$400	В

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BRIDGES IRON SHOP

Address : 59 ADAMS STREET UNDER MANHATTAN BRIDGE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0216.000 / 14714 Yr Built/Renovated : 1910 /
Area Sq Ft : 50,000 Project Type : HIGHWAYS

Date of Survey : 20-Feb-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 39 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$568,200	\$112,500
Interior Architecture	\$226,900	\$132,100
Electrical		\$49,700
Total	\$795,100	\$294,300
Priority A	\$568,200	\$112,500
Priority B	\$40,300	\$49,700
Priority C	\$186,600	\$132,100
Total	\$795,100	\$294,300

Electrical	\$1,700	\$900 \$6,000	\$1,600 \$22,200	\$900
Mechanical	\$44,300	\$6,000	\$33,200	\$6,100
Total	\$60,200	\$6,900	\$64,800	\$9,400
Priority A	\$14,300		\$6,100	
Priority B	\$46,000	\$6,900	\$58,300	\$7,100
Priority C			\$400	\$2,400
Total	\$60,200	\$6,900	\$64,800	\$9,400



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

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

DEPARTMENT OF TRANSPORTATION - 841 BRIDGES IRON SHOP

Asset #: 14714

rchitecture		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior								
Exterior Walls			*			_		
Concrete Masonry Unit	95%		\$145,600	LIFE	* *	5	\$46,600	A
		Crumbling, 1 : Through	Extent : Light, Are out	ea Affecto	ed : 5%			
Metal Sect. OHD	5%			2038	* *	5	\$12,300	A
Windows								
Steel	100%	2-4	\$156,700	2041	* *	5	\$65,900	Α
			xtent : Moderate, A	Area Affe	ected : 30%			
	Location	ı : Through	out					
Parapets	405	2 1	φ = 000			_	#2.2 00	
Cast Stone/Terra Cotta	10%	2-4	\$5,000	LIFE	**	5	\$3,200	A
	_	Crumbling, 1 : Through	Extent : Severe, A	rea Affec	cted: 20%			
							* . •	
Concrete Masonry Unit	90%		\$9,300	LIFE	* *	5	\$4,200	A
	_	Crumbung, 1 : Through	Extent : Light, Are	га Ађесы	ea : 20%			
Roof	Locuitor	i . Through	Oui					
Plaza Roof: Stone Panel	s 100%	Now	\$265,900	2035	* *			Α
Tiuza Root. Stone Tuner			ings, Extent : Seve		Affected : 30%			7.1
		i : Through	· ·	,	33			
	Water Per	netration, E	xtent : Severe, Are	a Affecte	d : 30%			
	Location	: Through	out					
terior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	\$264,200	C
Ceramic Tile	5%			2034	* *	5	\$3,400	C
Vinyl Tile	5%			2030	* *	3	\$1,300	С
Interior Walls	=			2021	ala -l-	_	44.40 °	~
Ceramic Tile	5%	0.2	Φ 5.4.5 00	2034	* *	5	\$1,400	C
Concrete Masonry Unit	95%	0-2	\$54,500 Extent: Light Ar	LIFE		5	\$10,400	С
	_	Crumbung, 1 : Through	Extent : Light, Are	ги АЈЈесћ	eu : 10%			
Ceilings	Locuitor	i. Inrough	Oui					
AcousTileSusp.Lay-In	70%			2038	* *	5	\$47.000	В
Exposed Struc: Steel	30%			LIFE	* *	10	\$40,300	В
Exposed Situe, Sieel	30%			LILE		10	ψ40,300	

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Service Equipment							
Not Accessible	100%						D
Switchgear / Switchboard							
Fused Disc Sw	100%		2035	* *	5	\$200	В
Raceway							
Conduit	100%		2035	* *	1		В

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

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

DEPARTMENT OF TRANSPORTATION - 841 BRIDGES IRON SHOP

Asset #: 14714

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Panelboards							
Fused Disc Sw	10%		2033	* *	5	\$100	В
Molded Case Bkrs	90%		2033	* *	5	\$1,200	В
Wiring							
Thermoplastic	100%		2035	* *	1		В
Motor Controllers							
Locally Mounted	80%		2030	* *	5	\$300	В
Locally Mounted	20%		2038	* *	5	\$100	В
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$1,500	В
Lighting							
Interior Lighting							
Fluorescent	60%		2025	\$49,700	10	\$24,700	В
	T-12 Lamp	s, Extent : Moderate, Area A	ffected :	60%			
	Location	: Throughout The Building					
HID	35%		2025	\$8,100	10	\$500	В
Incandescent	5%		2025	\$4,100	2	\$100	В
Egress Lighting				·			
Emergency, Battery	100%		2025	\$15,400	10	\$10,800	В
Exterior Lighting				· · · · · ·		· · · · · ·	
HID	100%		2025	\$2,500	10	\$200	В
Alarm				. ,			
Security System							
No Component	50%						D
Generic	50%		2033	* *	1	\$9,300	В
Fire/Smoke Detection	· · ·					. ,	
Generic, Digital	100%		2033	* *			В

Mechanical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estima FY	nted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Natural Gas	100%	2045	* *	1		В
Conversion Equipment						
Furnace	50%	2030	* *	1	\$11,100	В
	Other Observation, Extent : Ligh	t, Area Affected : 100%				
	Location: Roof					
	Explanation: 2 Units					
Radiant Heater	50%	2030	* *	2	\$10,400	В
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$39,600	В
Terminal Devices		_	•			
Air Handler	50%	2030	* *	1	\$13,900	В
Fan Coil Unit/Heat	50%	2030	* *	1	\$7,200	В

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

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

DEPARTMENT OF TRANSPORTATION - 841 BRIDGES IRON SHOP

Mechanical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning						
Energy Source						
Electricity	100%	2041	* *	1		В
Conversion Equipment						
Ext Pkg Unit -	100%	2030	* *	2	\$2,700	В
Heating/Cooling						
	R-22 Refrigerant, Extent : Li	ght, Area Affected :	50%			
	Location: Roof					
	Other Observation, Extent: 1	Light, Area Affected	: 100%			
	Location: Roof					
	Explanation: 2 Units					
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2	\$72,900	В
Terminal Devices						
Air Handler/Cool/Ht	100%	2030	* *	1	\$27,700	В
Heat Rejection						
Air Condenser Unit	100%	2030	* *	2	\$31,200	В
Ventilation						
Exhaust Fans						
Wall Unit	100%	2030	* *	2	\$1,400	В
Plumbing						
H/C Water Piping						
Brass/Copper	100%	2045	* *	1		В
Water Heater						
Electric	100%	2023	\$6,600	4	\$300	В
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Fixtures						
Generic	100%					В
•						

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BRONX COMMISSIONER OFFICE

Address : 1400 WILLIAMSBRIDGE ROAD @ ROBERTS AVE.

Borough : BRONX Agency's Number : N/A

 Program / Asset #
 : DOT0215.000 / 14713
 Yr Built/Renovated
 : 1926 / 2014

 Area Sq Ft
 : 17,760
 Project Type
 : HIGHWAYS

Date of Survey : 09-May-2014 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,3

Block : 4074 Lot : 1 BIN : 2044091

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$307,400	\$144,400
Interior Architecture	\$225,800	\$283,100
Electrical		\$234,900
Mechanical		\$243,600
Total	\$533,200	\$906,000
Priority A	\$307,400	\$144,400
Priority B		\$478,500
Priority C	\$225,800	\$283,100
Total	\$533.200	\$906,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Interior Architecture	\$189,800		\$33,400	\$14,900
Electrical	\$8,000	\$300	\$400	\$500
Mechanical	\$6,200	\$1,600	\$2,600	\$1,600
Total	\$204,000	\$2,000	\$36,300	\$17,100
Priority B	\$18,100	\$2,000	\$36,300	\$2,100
Priority C	\$186,000			\$14,900
Total	\$204,000	\$2,000	\$36,300	\$17,100



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

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

Architecture	Current Repair	Future Re	placement	M	aintenance	
ystem Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Esti FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
xterior	•					
Exterior Walls	1000/					Ъ
Not Accessible	100% Other Observation, Extent: Lig	aht Area Affected : 0%	<u> </u>			D
	Location: Throughout	;m, mea nyeetea . 076	,			
	Explanation: Building Cover	ed With Netting				
Windows						
Wood		07,400 2033	* *	5	\$144,400	Α
	Air Infiltration, Extent : Severe Location : Throughout	, Area Affected : 40%				
	Ctrwt/Balnc Not Funct, Extent Location: Throughout	: Severe, Area Affected	d : 40%			
	Water Penetration, Extent: Sev Location: Throughout	vere, Area Affected : 10	0%			
Parapets	400					_
Not Accessible	100%	1. 4. 400 . 1.00	,			D
	Other Observation, Extent : Lig Location : Throughout	ζht, Area Affected : 0%	Ó			
	Explanation: Building Cover	red With Netting				
Roof						
Not Accessible	100%					D
	Other Observation, Extent: Lig	ght, Area Affected : 0%	ó			
	Location: Throughout					
terior	Explanation: Work In Progre	?SS				
Floors						
Carpet	30% Now \$10	02,000 2024	\$255,000	3	\$31,600	C
•	Punct/Tear/Impact Damage, Ex Location: Throughout	ctent : Severe, Area Afj	fected : 75%			
Cast in Place Concrete	5%	LIFE	* *	5	\$15,400	С
Ceramic Tile		25,800 2034	* *	5	\$1,800	C
	Cracking/Crumbling, Extent : S Location : Throughout	Severe, Area Affected :	60%			
Marble Panels	5% 2-4 \$4	18,200 LIFE	* *	5	\$2,600	С
	Cracking/Crumbling, Extent : I Location : Throughout	Light, Area Affected : 1	10%			
Terrazzo	5% 2-4 \$1	15,500 LIFE	* *	5	\$2,700	С
	Cracking/Crumbling, Extent: I Location: Throughout		20%		. ,	-
Vinyl Tile	50% 0-2 \$8	34,900 2025	\$283,100	3	\$13,200	С
•	Cracking/Crumbling, Extent: S				. ,	
	Location: Throughout					

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

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

Asset #: 14713

Architecture	Current I	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year 1 FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior							
Interior Walls							
Ceramic Tile	5% 0-2	\$34,000	2034	* *	5	\$1,600	C
	Cracking/Crumbling Location: Through		rea Affecte	ed : 50%			
Gypsum Board	85% Now	\$43,500	LIFE	* *	5	\$33,200	С
	Cracking/Crumbling Location: Through		rea Affecte	ed : 20%			
	Water Penetration, E	Extent : Light, Area	Affected:	10%			
	Location : Through	out					
Masonry: Brick	5%		LIFE	* *	10	\$1,000	С
Marble Panels	5% 2-4	\$49,200	LIFE	* *			C
	Cracking/Crumbling	Extent : Light, Are	ea Affectea	d : 10%			
	Location : Through	out					
Ceilings							
AcousTileSusp.Lay-In	95%		2038	* *	5	\$66,700	В
Exposed Concrete	5%		LIFE	* *	5-10	\$4,400	В

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Service Equipment							
Fused Disc Sw	100%		2025	\$3,100	5	\$100	В
	Other Obs	servation, Extent : Moderate, A	Area Affe	ected : 100%			
	Location	a : Basement					
	Explana	tion : 1- 600 Amps Main Disco	onnect S	witch			
Switchgear / Switchboard							
Molded Case Bkrs	100%		2025	\$60,600	5	\$500	В
Raceway							
Conduit	90%		2025	\$17,500	1		В
Conduit	10%		2045	* *	1		В
Panelboards							
Fused Disc Sw	5%		2024	\$1,100	5		В
Molded Case Bkrs	70%		2024	\$16,100	5	\$300	В
Molded Case Bkrs	25%		2041	* *	5	\$100	В
Wiring							
Braided Cloth	30%	2-4 \$7,400	2050	* *	1		В
	Insulation	Aged, Extent: Moderate, Are	a Affecte	ed : 100%			
	Location	: Throughout The Building					
Thermoplastic	40%		2025	\$9,800	1		В
Thermoplastic	30%		2045	* *	1		В
Motor Controllers							
Locally Mounted	100%		2023	\$8,100	5	\$100	В
Ground				· · · ·		· · · · · · · · · · · · · · · · · · ·	
Grounding Devices							
Generic	100%		LIFE	* *	5	\$500	В

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

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

Asset #: 14713

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm							
Security System							
No Component	50%						D
Generic	50%		2030	* *	1	\$3,300	В
Fire/Smoke Detection							
Generic, Analog	100%		2020	\$174,300			В

Mechanical	Current Repair	Future	Replacement	М	aintenance				
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Heating									
Energy Source	1000/	2045	* *	1		D			
Natural Gas	100%	2045	4. 4.	1		В			
Conversion Equipment Hot Water Boiler	100%	2030	* *	1	\$8,800	В			
Hot water Boller	Other Observation, Extent:			1	\$6,600	ь			
	Location: Basement Boile		. 100/0						
	Explanation: 2 Units	, noom							
Distribution	2. promove i 2 e mis								
Hot Wtr Piping/Pump	100%	2024	\$84,600	4	\$1,300	В			
Terminal Devices			+01,000		7 - , - 0 0				
Convector/Radiator	100%	2023	\$159,000	1	\$5,700	В			
Air Conditioning			•		•				
Energy Source									
Electricity	100%	2033	* *	1		В			
Conversion Equipment									
Reciprocating	15%	2020	\$8,600	1	\$1,200	В			
Compr/Chiller									
	On Extended Life, Extent: Light, Area Affected: 15%								
	Location: 1st Floor A C		150/						
	R-22 Refrigerant, Extent: L		15%						
	Location : Top Of Staircas								
Ext Pkg Unit - Cooling	20%	2020	\$15,500	2	\$200	В			
	R-22 Refrigerant, Extent: L		20%						
	Location: Roof, Top Of St								
	Other Observation, Extent:		d: 20%						
	Location: Roof, Top Of St								
	Explanation : On Extended	d Life							
No Component	65%					D			
Terminal Devices	1.50/	2020	Φ2.700	4		D			
Direct Expansion	15% On Extended Life, Extent: S	2020 Savara Arag Affactad	\$2,700	1		В			
	Location: 1st Floor A C 1		. 1570						
N. C.	-	AOOM				D.			
No Component	85%					D			

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

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

Mechanical		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning								
Heat Rejection								
Air Condenser Unit	15%	0-2	\$1,800	2035	* *	2	\$1,500	В
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	ed : 15%			
	Location	: Roof, To	p Of Staircase					
	Explana	tion : Obso	lete Unit					
No Component	85%							D
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$6,300	В
No Component	60%							D
Exhaust Fans								
Interior	15%			2020	\$2,800	2	\$100	В
Roof	25%			2020	\$3,300	2	\$100	В
No Component	60%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		В
Water Heater								
Gas Fired	100%			2023	\$3,900	2	\$300	В
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		В
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		В
Fixtures								
Generic	100%							В

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : CASTLETON DEPOT

Address : 5 DUBOIS AVENUE @ HURST ST.

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

 Program / Asset #
 : DOT0220.000 / 14718
 Yr Built/Renovated
 : 1980 / 2013

 Area Sq Ft
 : 32,500
 Project Type
 : HIGHWAYS

Date of Survey : 06-Mar-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 215 Lot : 100 BIN : 5104536

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$146,000	
Interior Architecture	\$164,600	\$90,600
Mechanical		\$538,100
Total	\$310,600	\$628,800
Priority A	\$146,000	
Priority B	\$82,900	\$538,100
Priority C	\$81,700	\$90,600
Total	\$310,600	\$628,800

\$11,500 \$8,000 \$3,000 \$500	\$3,000 \$2,900 \$100
\$8,000	ŕ
. ,	\$3,000
\$11,500	\$3,000
<u> </u>	
\$2,600	\$2,900
\$400	
\$500	\$100
\$8,000	
FY 2018	FY 2019
	\$8,000



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

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

DEPARTMENT OF TRANSPORTATION - 841 CASTLETON DEPOT

Asset #: 14718

rchitecture		Current I	Repair	Futur	e Replacement	М	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
terior								
Exterior Walls								
Fiberglass Panel	35%			2040	* *	5	\$67,000	A
Masonry: Brick	50%	0-2	\$146,000	LIFE	* *	5	\$25,500	A
			tent : Light, Area A	ffected :	20%			
	Location	i : Through	out					
Metal Panel	5%			2055	* *	5-10	\$17,500	A
Metal Sect. OHD	10%			2038	* *	5	\$16,000	Α
Windows							·	
Aluminum	100%			2050	* *	5	\$6,900	Α
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5-10	\$7,700	A
Masonry: Brick	90%			LIFE	* *	5-10	\$16,700	Α
Roof							, -,	
Single Ply Membrane	80%			2035	* *	10	\$33,200	Α
Skylight, Metal/Glass	20%			2055	* *	10	\$27,700	A
erior							+,,,,,,	
Floors								
Cast in Place Concrete	95%	0-2	\$81,700	LIFE	* *	5	\$90,600	C
	Cracking/	Crumbling,	Extent : Light, Are		ed : 20%		, ,	
	_	ı : Through	_	33				
Quarry Tile	1%			2038	* *	5	\$700	С
Vinyl Tile	4%			2030	* *	3	\$700 \$700	C
Interior Walls	4 /0			2030			\$700	
Ceramic Tile	1%			2034	* *	5	\$200	С
Concrete Masonry Unit	96%			LIFE	* *	5	\$13,600	C
Metal Panel	1%			LIFE	* *	10	\$13,000	C
Plaster	1% 1%			LIFE	* *	5-10	\$100 \$200	C
SGFT/Glazed Masonry	1% 1%			LIFE	* *	3-10 10	\$200 \$100	C
	1 %0			LIFE		10	\$100	
Ceilings	20/	0.2	¢1 000	2020	* *	_	¢700	D
AcousTileSusp.Lay-In	3%	0-2	\$1,000	2038		5	\$700	В
	_	_	Extent: Light, Are	си АПест	eu : 20%			
		: Through	ош					
Embossed Metal	1%			LIFE	* *	5	\$400	В
Exposed Concrete	1%			LIFE	* *	5-10	\$500	В
Exposed Struc: Steel	95%			LIFE	* *	10	\$82,900	В

Electrical	Current Repair	Future Replacement	N	laintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts					
Service Equipment					
Fused Disc Sw	100%	2035 * *	5	\$100	В
	Other Observation, Extent: Moderate	e, Area Affected : 100%			
	Location: Electrical Room				
	Explanation: One 800 Amps Main I	Disconnect Switch			

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

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

DEPARTMENT OF TRANSPORTATION - 841 CASTLETON DEPOT

Asset #: 14718

Electrical		Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Switchgear / Switchboard							
Fused Disc Sw	50%		2035	* *	5	\$100	В
Molded Case Bkrs	50%		2035	* *	5	\$400	В
Raceway							
Conduit	100%		2035	* *	1		В
Panelboards							
Fused Disc Sw	5%		2033	* *	5		В
Molded Case Bkrs	95%		2033	* *	5	\$800	В
Wiring							
Thermoplastic	100%		2035	* *	1		В
Motor Controllers							
Locally Mounted	100%		2030	* *	5	\$200	В
Ground							
Grounding Devices							
Generic	100%		LIFE	* *	5	\$1,000	В
Lighting							
Interior Lighting							
Fluorescent	100%		2035	* *	10	\$26,700	В
	T-8 Lamps	s, Extent : Moderate, Area Aff	ected : 1	00%			
	Location	: Throughout The Building					
Egress Lighting							
Emergency, Battery	50%		2025	\$5,000	10	\$3,500	В
Exit, Service	50%		2025	\$2,000	1		В
Exterior Lighting							
HID	100%		2025	\$1,700	10	\$100	В
Exit, Service Exterior Lighting	50%		2025	\$2,000	1		В

Current R	epair Futu	re Replacement	M	aintenance	
% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
100%	2035	* *	1		В
75%	2030	* *	1	\$10,800	В
25%	2030	* *	1	\$3,600	В
Other Observation, Ex	ctent : Light, Area Affecte	d: 20%			
Location: Room 203	}				
Explanation: 1 Unit					
25%	2033	* *	4	\$500	В
75%					D
15%	2025	\$62,000	1	\$1,400	В
10%	2025	\$17,800	4	\$400	В
75%					D
	% of Total Vears) 100% 75% 25% Other Observation, Extended in the Policy Room 203 Explanation: 1 Unit 25% 75% 15% 10%	% of Total Fail Date Estimated Cost (Years) Year FY 100% 2035 75% 2030 25% 2030 Other Observation, Extent : Light, Area Affected Location : Room 203 Explanation : 1 Unit 25% 2033 75% 2025 15% 2025 10% 2025	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost FY 100% 2035 ** 75% 2030 ** 25% 2030 ** Other Observation, Extent : Light, Area Affected : 20% Location : Room 203 Explanation : 1 Unit 2033 ** 15% 2025 \$62,000 10% 2025 \$17,800	% of Total Fail Date (Years) Estimated Cost FY Cycle (Yrs) 100% 2035 ** 1 75% 2030 ** 1 25% 2030 ** 1 Other Observation, Extent : Light, Area Affected : 20% Location : Room 203 Explanation : 1 Unit 2033 ** 4 15% 2025 \$62,000 1 10% 2025 \$17,800 4	% of Total Fail Date (Years) Estimated Cost FY Estimated Cost (Yrs) Cycle (Yrs) Estimated Cost (Yrs) 100% 2035 ** 1 \$10,800 25% 2030 ** 1 \$3,600 Other Observation, Extent : Light, Area Affected : 20% 2030 ** 4 \$3,600 Affected : 20% 2033 ** 4 \$500 75% 2033 ** 4 \$500 75% 2025 \$62,000 1 \$1,400 15% 2025 \$17,800 4 \$400

Air Conditioning

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

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

DEPARTMENT OF TRANSPORTATION - 841 CASTLETON DEPOT

Mechanical		Current Repair		e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning							
Energy Source							
Electricity	100%		2033	* *	1		В
Conversion Equipment							
Int Pkg Unit - Cooling	20%		2023	\$71,100	2	\$400	В
	-	igerant, Extent : Light, Area A	ffected :	20%			
	Location	ı : Room 202					
Window/Wall Unit	10%		2020	\$5,700	1		В
No Component	70%						D
Ventilation							
Distribution							
Ductwork/Diffusers	20%		LIFE	* *	2-5	\$5,100	В
No Component	80%						D
Exhaust Fans							
Interior	20%		2025	\$6,100	2	\$200	В
No Component	80%						D
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2025	\$82,500	1		В
Water Heater							
Gas Fired	100%		2023	\$6,400	2	\$400	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В
Fire Suppression							
Sprinkler							
Generic	100%		2025	\$322,500	1-2	\$8,200	В

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : COURT SQUARE-GARAGE

Address : COURT SQUARE & THOMSON AVE.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0123.000 / 2422 Yr Built/Renovated : 1989 /
Area Sq Ft : 241,855 Project Type : HIGHWAYS

Date of Survey : 01-Nov-2013 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,3,4

Block : 83 Lot : 18 BIN : 4000699

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,739,000	\$2,010,600
Interior Architecture	\$1,352,000	\$832,900
Electrical		\$336,700
Mechanical		\$1,241,800
Total	\$3,091,000	\$4,421,900
Priority A	\$1,739,000	\$2,010,600
Priority B	\$534,800	\$1,628,100
Priority C	\$817,200	\$783,200
Total	\$3,091,000	\$4,421,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$800			
Interior Architecture	\$11,500			\$2,400
Electrical	\$5,400	\$1,800	\$5,000	\$1,800
Mechanical	\$11,400	\$6,500	\$6,000	\$10,600
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$36,900	\$16,200	\$18,900	\$22,700
Priority A	\$800			
Priority B	\$24,600	\$16,200	\$18,900	\$20,300
Priority C	\$11,500			\$2,400
Total	\$36,900	\$16,200	\$18,900	\$22,700



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

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

Asset #: 2422

Architecture	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cos (Yrs)	Priority Code
xterior				
Exterior Walls Cast in Place Concrete	80% Now \$974,800 Spalling, Extent: Light, Area Affected Location: Southwest Facade Water Penetration, Extent: Moderate Location: Wall Adjacent To Ramp O	! : 5% , Area Affected : 5%	5 \$1,823,500	A
Masonry: Brick	15% Now \$391,100 Diagonal Cracks, Extent: Severe, Are Location: Throughout Jnt Mortar Miss/Erod, Extent: Severe Location: Northeast Facade Misaligned/Bulging, Extent: Severe, Location: At Corners Water Penetration, Extent: Severe, A.	ea Affected : 10% e, Area Affected : 20% Area Affected : 10%	5 \$68,400	A
	Location: Northeast Facade	<i>J</i> ,		
Masonry: Limestone	2% Now \$188,800 Jnt Mortar Miss/Erod, Extent: Moder Location: Coping Over Free Standi	rate, Area Affected : 25%	5 \$6,800	A
Window Wall	3%	2045 **	5 \$51,300	A
Parapets Cast in Place Concrete	95% Now \$69,300 Diagonal Cracks, Extent: Light, Area Location: Throughout Expansion Jnt Failure, Extent: Mode Location: Throughout	Affected: 30%	5 \$118,700	A
Metal Rail	5% Now \$800 Corrosion/Rusting, Extent : Moderate Location : Rail Supports		5 \$4,300	A
Roof Cast in Place Concrete	95% Now \$114,900 Cracking/Crumbling, Extent: Modera Location: Structural Connection Pa Expansion Jnt Failure, Extent: Severa Location: All Stair Locations, Build	ste, Area Affected : 10% ints e, Area Affected : 10%		A
Copper/Terne	5%	2053 **	10 \$23,200	A
nterior Floors Cast in Place Concrete	97% Now \$310,300 Cracking/Crumbling, Extent : Severe, Location : Throughout		5 \$688,700	С
Ceramic Tile	1%	2034 **	5 \$3,200	С
Vinyl Tile	2% 2-4 \$10,500 Worn/Eroded, Extent : Moderate, Are Location : Office	2020 \$52,300	3 \$2,400	

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

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

Asset #: 2422

Architecture		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Interior Walls								
Cast in Place Concrete	18%		\$284,700	LIFE	* *			C
	_		xtent : Severe, A		rted : 5%			
			Columns - Level					
			ent : Severe, Are					
				-	ation Storage Area	ı		
			ent : Severe, Are	ea Affecte	d: 10%			
		ı : Near Stair						
		-	tion From Deck					_
Concrete Masonry Unit	80%		\$222,200	LIFE	**	5	\$42,200	C
	-		it : Moderate, Ai	rea Affect	ted: 10%			
			ern Stairwells					
Gypsum Board	2%		\$1,000	LIFE	**	5	\$1,600	C
		•		oderate, .	Area Affected : 15	%		
-	Location	ı: Throughou	t Office					
Ceilings	201		# 40,000	2015	* *	_	Φ2.200	-
AcousTileSusp.Lay-In	2%		\$49,800	2045		5	\$3,200	В
	_		tent : Moderate,	Area Aff	ectea : 100%			
		ı : Throughou		. 4	CC4-1-1000/			
	_	nscoloring, E 1 : Throughou	Extent : Moderate	e, Area A	ijeciea : 100%			
					di di		* 40 = 00	
Exposed Concrete	98%		\$485,000	LIFE	**	5	\$49,700	В
	_	Crumbling, E 1 : Structural	xtent : Severe, A Beams	rea Affec	rted : 5%			
	Misaligne	d/Bulging, Ex	tent : Severe, Ar	rea Affect	ed : 10%			
	Location	ı : Structural	Connections At 1	Northwes	t And Northeast C	orners		
	Other Obs	servation, Ext	ent : Severe, Are	ea Affecte	d: 10%			
	Location	ı : Building C	orners Near Stat	irwells - 2	All Levels			
	Explana	tion : Separai	ion Of Structura	ıl Elemen	ts			

ectrical	Current Repair	Future Repl	acement	M	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	t Year Estim	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2035	* *	5	\$1,000	В
	Other Observation, Extent : Moderate	, Area Affected : .	100%			
	Location : Electrical Room					
	Explanation: One 1200 Amps Main	Disconnect Switc	h			
Switchgear / Switchboard						
Fused Disc Sw	100%	2035	* *	5	\$1,000	В
Raceway						
Conduit	100%	2035	* *	1		В
Panelboards						
Fused Disc Sw	5%	2033	* *	5	\$300	В
Molded Case Bkrs	95%	2033	* *	5	\$6,000	В

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

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

Asset #: 2422

Electrical	Current Repair	Future Replace	ment I	/laintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimate FY	d Cost Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts					
Wiring					
Thermoplastic	100%	2035	** 1		В
Motor Controllers					
Locally Mounted	100%	2030	** 5	\$1,600	В
Ground					
Grounding Devices					
Generic	100%	LIFE	** 5	\$7,100	В
Lighting					
Interior Lighting					
Fluorescent	2%		\$8,000 10	\$4,000	В
	Other Observation, Extent : Modera	ate, Area Affected : 100	%		
	Location : Office				
	Explanation: T-12 Lamps				
HID	98%	2025 \$10	09,000 10	\$6,900	В
Egress Lighting					
Emergency, Battery	70%	2025 \$3	52,300 10	\$36,600	В
Exit, Service	30%	2025	\$9,000 1		В
Exterior Lighting					
HID	100%	2025 \$	12,300 10	\$700	В
Alarm					
Security System					
No Component	80%				D
Generic	20%	2025 \$13	38,700 1	\$18,100	В

Mechanical	Current Repair	Future	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Electricity	100%	2035	* *	1		В
Conversion Equipment						
Radiant Heater	3%	2025	\$27,100	2	\$3,000	В
	Other Observation, Extent:	Light, Area Affected	: 3%			
	Location: 1st Level					
	Explanation: Managemen	t Office And Sprinkle	r Room Only			
No Component	97%					D
Terminal Devices						
Fan Coil Unit/Heat	3%	2025	\$2,800	1	\$2,100	В
No Component	97%					D
Air Conditioning						
Energy Source						
Electricity	100%	2033	* *	1		В

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

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

Mechanical	Current Repair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning						
Conversion Equipment						
Window/Wall Unit	2%	2020	\$8,500	1		В
	Other Observation, Extent : L	ight, Area Affected	: 2%			
	Location: 1st Level	0.60				
	Explanation: Management (Office Only				
No Component	98%					D
Ventilation						
Distribution	20/	I IEE	ታ ታ	2.5	Φ2.000	ъ
Ductwork/Diffusers	2%	LIFE	* *	2-5	\$3,800	В
No Component	98%					D
Exhaust Fans Interior	2%	2025	\$4,500	2	\$100	В
No Component	2% 98%	2023	\$4,300	2	\$100	D D
Plumbing	98%					D
H/C Water Piping						
Brass/Copper	3%	2035	* *	1		В
No Component	97%	2033		1		D
Water Heater	37770					
Electric	2%	2018	\$600	4		В
No Component	98%		,			D
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Sump Pump(s)						
Rigid Piping	100%	2020	\$10,500	4	\$2,500	В
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			C
	Other Observation, Extent : L	ight, Area Affected	: 100%			
	Location: 1-4					
F: G :	Explanation: Two Units					
Fire Suppression						
Standpipe Generic	1000/	2025	\$722.500	1 5	¢112 400	D
	100%	2025	\$733,500	1-5	\$113,400	В
Sprinkler No Component	80%					D
Generic	20%	2025	\$480,000	1-2	\$12,200	Б В
Generic	ZU 70	2023	φ400,000	1-2	φ12,200	ט

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : DELANCEY - ESSEX GARAGE

Address : 107 ESSEX STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0205.000 / 14318 Yr Built/Renovated : 1972 /

Area Sq Ft : 130,000 Project Type : HIGHWAYS

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

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

Block : 410 Lot : 38 BIN : 1005326

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$257,900	\$468,600
Interior Architecture	\$570,800	\$379,500
Electrical	\$263,600	\$435,600
Total	\$1,092,300	\$1,283,600
Priority A	\$257,900	\$468,600
Priority B	\$453,300	\$435,600
Priority C	\$381,000	\$379,500
Total	\$1,092,300	\$1,283,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$55,400			_
Interior Architecture	\$900		\$1,800	\$400
Electrical	\$21,100	\$500	\$500	\$2,200
Mechanical	\$19,000		\$500	
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$108,300	\$12,300	\$14,600	\$14,500
Priority A	\$55,400			
Priority B	\$51,900	\$12,300	\$14,600	\$14,000
Priority C	\$900			\$400
Total	\$108,300	\$12,300	\$14,600	\$14,500



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

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

DEPARTMENT OF TRANSPORTATION - 841 DELANCEY - ESSEX GARAGE

Asset #: 14318

Architecture	Current Repair		Futur	Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod	
xterior								•	
Exterior Walls						_			
Cast in Place Concrete	10%			LIFE	* *	5	\$50,200	A	
Masonry: Brick	15%		T	LIFE	**	5	\$15,100	A	
	•	_	Extent : Light, Are l West Facades	a Affecte	ed: 25%				
					ACC4-1.500/				
			e, Extent : Moderat l West Facades	e, Area A	Ајјества : 50%				
			i wesi racaaes		di di	- 10	* * * * * * * * * * * * * * * * * * *		
Metal Panel	3%			2045	* *	5-10	\$10,400	A	
Pre-Cast Concrete	72%			LIFE	* *	5	\$234,900	A	
Windows	1000			2044	de de	_	Φ2.000		
Aluminum	100%			2041	* *	5	\$3,000	A	
Parapets	2004				de de	_	412.100		
Cast in Place Concrete	20%			LIFE	* *	5	\$12,400	A	
Masonry: Brick	5%			LIFE	* *	5-10	\$1,000	A	
Metal Panel	2%		Φ2 200	2045	* *	5	\$200	A	
Metal: Cage/Fence	10%		\$2,300	2030	**	5	\$1,000	A	
		Corrosion/Rusting, Extent : Moderate, Area Affected : 25% Location : South Facade							
				4 4 6	Y4-1-500/				
		tea Finish, 1 : South Fa	Extent : Moderate,	Area Afj	fectea : 50%				
		i : Souin F	ісаае		di di				
Pre-Cast Concrete	63%			LIFE	* *	5	\$23,900	A	
Roof	050/	NT	Φ1.40.400	2025	Φ251 100				
Traffic Topping	95%		\$140,400	2025	\$351,100			Α	
	_	_	Extent : Moderate	e, Area Aj	ffectea : 20%				
		ı : Over Six			ACC . 1 150/				
	-		e, Extent : Modera	ite, Area .	Affectea : 15%				
		ı : Over Six		A CC 4 - 1	. 250/				
		aea, Extent 1 : Over Six	: Moderate, Area	Ајјестеа	: 23%				
		i : Over Six	tn Levei						
Not Accessible	5%							D	
terior									
Floors	000/	0.2	Φ2.42.000	LIDE	ماد ماد	-	#270.500		
Cast in Place Concrete	98%		\$342,000	LIFE	**	5	\$379,500	С	
	_	_	Extent : Moderate	e, Area Aj	ffectea : 25%				
		ı: Through	out						
Vinyl Tile	2%			2020	\$28,500	3	\$1,800	С	
Interior Walls									
Cast in Place Concrete	92%			LIFE	* *	10	\$39,000	C	
Concrete Masonry Unit	5%			LIFE	* *	5	\$700	C	
Masonry: Brick	3%			LIFE	* *	10	\$200	С	
Ceilings									
AcousTile,Adhered	2%			2023	\$31,200	5	\$3,500	В	
Exposed Concrete	98%			LIFE	**	5-10	\$216,900	В	
			xtent : Moderate, 1	Area Affe	ected : 15%				
	Location	ı : Level 5							

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

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

DEPARTMENT OF TRANSPORTATION - 841 DELANCEY - ESSEX GARAGE

Asset #: 14318

Electrical	Current Re	pair F	uture F	Replacement	M	aintenance	
System Component Type	% of Fail Date F Total (Years)		ear E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts Service Equipment Molded Case Bkrs	100% Other Observation, Ext Location : Electrical I Explanation : No Nan	ent : Moderate, Area Room		\$16,200 ed:100%	5	\$3,400	В
Switchgear / Switchboard Molded Case Bkrs	100%)25	\$50,500	5	\$3,400	В
Raceway Conduit	100%	20)25	\$58,200	1		В
Panelboards Molded Case Bkrs	100%	20)24	\$40,200	5	\$3,400	В
Wiring Thermoplastic	100%	20)25	\$44,800	1		В
Motor Controllers Locally Mounted	100%	20)30	* *	5	\$900	В
Ground Grounding Devices Generic	100%	LI	FE	* *	5	\$3,800	В
Lighting Interior Lighting Fluorescent	75% Other Observation, Ext Location : Throughou Explanation : T-12 La	ent : Moderate, Area at The Building)20 Affecte	\$163,900 ed:100%	10	\$81,400	В
Fluorescent	25% 0-2 Inadequate Ltg Level, E Location: Throughou	\$54,600 20 Extent : Moderate, Ar)35 ·ea Affe	* * ected : 100%			В
Egress Lighting Emergency, Battery Exit, Battery	50% 50%)20)20	\$20,400 \$40,800	10 10	\$14,300 \$4,000	B B
Exterior Lighting HID	100%	20)20	\$6,600	10	\$400	В
Alarm Security System No Component Generic	90% 10% Other Observation, Ext Location: Front And	ent : Moderate, Area Back Of The Building	g		1	\$4,900	D B
Fire/Smoke Detection No Component Generic, Analog	90% 10% Now Not in Service, Extent: Location: Throughou	\$127,600 20 Moderate, Area Affe)35	* *			D B

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

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

DEPARTMENT OF TRANSPORTATION - 841 DELANCEY - ESSEX GARAGE

Asset #: 14318

Mechanical		Current Repair		Future	Replacement	М	aintenance	
System Component Type	% of Total	Fail Date Estima (Years)	nted Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source	400							_
Electricity	100%			2035	* *	1		В
Conversion Equipment Radiant Heater	3%			2025	\$100	2		В
Radiant Heater		ervation, Extent : L	ight, Area			2		Ъ
		: Office On 1st Lev	_	33				
	Explanati	ion: 1 Unit - Only	The Office	Has This	Heating Device			
No Component	97%							D
Air Conditioning								
Energy Source								_
Electricity	100%			2033	* *	1		В
Conversion Equipment Window/Wall Unit	20/			2023	\$6,900	1		В
window/wan Onit	3% Other Obse	ervation, Extent : L	ioht Area			1		Ь
		: Management Off	_	rijjeereu	. 570			
		ion : 1 Unit						
No Component	97%							D
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	\$5,200	В
		ervation, Extent : L	_	Affected	: 5%			
		: 2nd Level Fan Ro ion : The Ductworl		val Ean I	Doom Has Not Par	n Haad l	Eon Many Voans	
No Component	95%	on . The Ductwork	K IN ZNU LE	vei run r	Toom Has Not Dee	en Osea 1	Tor Many Tears	D
No Component Exhaust Fans	93%							D
Interior	5%	Now	\$6,000	2035	* *	2	\$100	В
interior		quipment, Extent :			ed : 5%	_	Ψ100	D
		: 2nd Level Fan Ro		33				
No Component	95%							D
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2025	\$16,700	1		В
No Component	95%							D
Sanitary Piping Cast Iron	5%			LIFE	* *	1		В
No Component	95%			LIFE		1		D
Storm Drain Piping	7570							
Cast Iron	100%	Now	\$3,100	LIFE	* *	1		В
		xtent : Moderate, 1						
	Location	: 3rd Level						
Sump Pump(s)								
Submersible	100%			2016	\$6,300	4	\$2,500	В
Sewage Ejector(s)				• 0				_
Electric	100%			2020	\$10,500	4	\$2,500	В
Fixtures	1000/							D
Generic	100%							В

Vertical Transport

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841 DELANCEY - ESSEX GARAGE

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	Affected: 100%		
	Location: Parking Levels 1-6			
	Explanation: 2 Units - 1 Of Them Is C	Out Of Service		

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : DOT EMERGENCY RESPONSE UNIT

Address : 5-40 44TH DRIVE @ VERNON BLVD & EAST RIVER

Borough : QUEENS Agency's Number : N/A

 Program / Asset #
 : DOT0218.000 / 14716
 Yr Built/Renovated
 : 1931 / 2013

 Area Sq Ft
 : 20,000
 Project Type
 : HIGHWAYS

Date of Survey : 29-Oct-2013 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 24 Lot : 7 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$867,000	
Interior Architecture	\$434,000	\$46,500
Electrical		\$28,800
Total	\$1,301,000	\$75,300
Priority A	\$867,000	
Priority B	\$252,800	\$28,800
Priority C	\$181,200	\$46,500
Total	\$1,301,000	\$75,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$26,500			
Electrical	\$15,000	\$400	\$400	\$500
Mechanical	\$2,000	\$200	\$400	\$6,500
Total	\$43,500	\$600	\$800	\$7,000
Priority A	\$26,500			
Priority B	\$17,000	\$600	\$800	\$7,000
Total	\$43,500	\$600	\$800	\$7,000



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

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

DEPARTMENT OF TRANSPORTATION - 841 DOT EMERGENCY RESPONSE UNIT

Asset #: 14716

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
xterior					
Exterior Walls Masonry: Brick	60% Now \$271,900 Broken/Missing Elements, Extent : Se		5	\$23,800	A
	Location: Throughout Cracking/Crumbling, Extent: Severe, Location: Throughout Jnt Mortar Miss/Erod, Extent: Severe				
	Location: Throughout Water Penetration, Extent: Severe, A Location: Throughout				
Metal Coiling Doors	40% Now \$340,900 Broken/Missing Elements, Extent : M Location : Throughout		5	\$24,800	A
Windows Steel	100% Now \$145,900 Broken/Missing Elements, Extent : Se Location : Throughout		5	\$18,400	A
Parapets Cast Stone/Terra Cotta	10% Now \$26,500 Cracking/Crumbling, Extent : Severe, Location : Throughout		5	\$4,300	A
Masonry: Brick	90% 4+ \$108,300 Cracking/Crumbling, Extent : Modera Location : Throughout		5	\$4,900	A
Roof					
Not Accessible	100% Other Observation, Extent: Light, Ar Location: Entire Roof Explanation: Although Not Accessi		ı Poor C	ondition	D
terior					
Floors Cast in Place Concrete	100% Now \$41,900 Cracking/Crumbling, Extent : Modera Location : Throughout		5	\$46,500	С
Interior Walls Masonry: Brick	100% Now \$139,300 Cracking/Crumbling, Extent : Modera Location : Throughout				С
Ceilings Exposed Struc: Wood	100% 2-4 \$252,800 Cracking/Crumbling, Extent : Modern Location : Throughout				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

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

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

DEPARTMENT OF TRANSPORTATION - 841 DOT EMERGENCY RESPONSE UNIT

Asset #: 14716

Electrical	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2055	* *	5	\$500	В
	Other Observation, Extent : Mo	oderate, Area Affecteo	l: 100%			
	Location: Electrical Room					
	Explanation: One 200 Amps	Main Disconecct Swi	tch			
Raceway	10-1		also also			_
Conduit	40%	2055	* *	1		В
Conduit	60%	2025	\$13,200	1		В
Panelboards				_		_
Fused Disc Sw	5%	2050	* *	5		В
Molded Case Bkrs	50%	2050	* *	5	\$300	В
Molded Case Bkrs	45%	2024	\$5,200	5	\$200	В
Wiring						
Thermoplastic	60%	2055	* *	1		В
Thermoplastic	40%	2025	\$6,200	1		В
Motor Controllers						
Locally Mounted	100%	2045	* *	5	\$100	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$600	В
Lighting						
Interior Lighting						_
Fluorescent	20%	2030	* *	10	\$3,700	В
	T-12 Lamps, Extent : Moderate	, Area Affected : 20%	ó			
	Location : Office					
Fluorescent	78%	2020	\$28,800	10	\$14,300	В
	T-12 Lamps, Extent: Moderate		ó			
	Location : Throughout The B	uilding				
Incandescent	2%	2020	\$700	2		В
Egress Lighting						
Exit, Service	100%	2035	* *	1		В
Exterior Lighting						
HID	20%	2035	* *	10		В
HID	80%	2020	\$800	10		В
Alarm			,	-		
Security System						
No Component	50%					D
Generic	50%	2035	* *	1	\$3,700	В
	2 4 7 2				,. 00	

Mechanical	Current Repair	ruture 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				
Natural Gas	100%	2051 **	1	В

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

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

DEPARTMENT OF TRANSPORTATION - 841 DOT EMERGENCY RESPONSE UNIT

Total (Years) FY (Yrs) Code	Mechanical	Cı	ırrent Repair	Futur	e Replacement	М	aintenance	
Conversion Equipment Furnace 15% 2033 ** 1 \$1,500 B No Component 85% 2033 ** 1 \$1,500 B No Component 85% 2041 ** 1 B B Energy Source Electricity 100% 2041 ** 1 B B Electricity 15% 2029 ** 2 \$200 B Electricity 15% 2020 ** 2 \$200 B Electricity 15% 2020 ** 2 \$200 B Electricity 15% 2020 \$1,400 2 \$1,400	Component				Estimated Cost		Estimated Cost	Priority Code
Furnace	Heating							
No Component S5% D	Conversion Equipment							
Air Conditioning Energy Source Electricity 100% 2041 ** 1 B Conversion Equipment Int Pkg Unit - 15% 2029 ** 2 \$200 B Heating/Cooling Other Observation, Extent : Light, Area Affected : 15% Location : Office Explanation : 410a Refrigerant No Component 85% D Ventilation Distribution Ductwork/Diffusers 15% LIFE ** 2-5 \$2,600 B No Component 85% LIFE ** 2-5 \$2,600 B Wall Unit 5% 2033 ** 2 \$100 B Wall Unit 5% 2020 \$1,400 2 B No Component 80% D ENABLY Phinism HAC Water Piping HAC Water Piping Brass/Copper 15% 2051 ** 1 B No Component 85% D Water Heater Gas Fired 15% 2051 ** 1 B No Component 85% D Water Heater Gas Fired 15% 2024 \$700 2 B No Component 85% D Sanitary Piping Cast Iron 15% LIFE ** 1 B No Component 85% D Sanitary Piping Cast Iron 15% LIFE ** 1 B No Component 85% LIFE ** 1 B No				2033	* *	1	\$1,500	
Energy Source Electricity 100% 2041 ** 1 B		85%						D
Electricity	Air Conditioning							
Conversion Equipment Int Pkg Unit - 15% 2029 ** 2 \$200 B								
Int Pkg Unit - 15% 2029 ** 2 \$200 B Heating/Cooling Other Observation, Extent : Light, Area Affected : 15% Location : Office Explanation : 410a Refrigerant		100%		2041	* *	1		В
Other Observation, Extent : Light, Area Affected : 15% Location : Office Explanation : 410a Refrigerant	Int Pkg Unit -	15%		2029	* *	2	\$200	В
Location : Office Explanation : 410a Refrigerant S5%	Treating/ Cooming	Other Observe	ation. Extent : Light. Area	Affected	: 15%			
Explanation : 410a Refrigerant No Component S5% D				55				
No Component 85%								
Ventilation	No Component							D
Distribution		0370						
Ductwork/Diffusers 15%								
No Component 85% D		15%		LIFE	* *	2-5	\$2,600	В
Exhaust Fans Interior 15% 2033 ** 2 \$100 B Wall Unit 5% 2020 \$1,400 2 B No Component 80% D Plumbing H/C Water Piping Brass/Copper 15% 2051 ** 1 B No Component 85% D Water Heater Gas Fired 15% 2024 \$700 2 B No Component 85% D Sanitary Piping Cast Iron 15% LIFE ** 1 B No Component 85% D Storm Drain Piping Cast Iron 100% LIFE ** 1 B Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures				LII L		2 3	Ψ2,000	
Interior		0070						
Wall Unit 5% 2020 \$1,400 2 B No Component 80% D Plumbing H/C Water Piping Brass/Copper 15% 2051 ** 1 B No Component 85% D Water Heater Total Component 85% Total Component B Sanitary Piping Total Component		15%		2033	* *	2	\$100	В
No Component 80% D Plumbing H/C Water Piping Brass/Copper 15% 2051 ** 1 B No Component 85% D Water Heater Gas Fired 15% 2024 \$700 2 B No Component 85% D Sanitary Piping Cast Iron 15% LIFE ** 1 B No Component 85% D Storm Drain Piping Cast Iron 100% LIFE ** 1 B Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures					\$1.400		Ψ100	
Plumbing				_0_0	Ψ1,.00	_		
H/C Water Piping Brass/Copper 15% 2051 ** 1 B No Component 85% D Water Heater Gas Fired 15% 2024 \$700 2 B No Component 85% D Sanitary Piping Cast Iron 15% LIFE ** 1 B No Component 85% D Storm Drain Piping Cast Iron 100% LIFE ** 1 B Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures								
Brass/Copper 15% 2051 ** 1 B No Component 85% D Water Heater 3024 \$700 2 B No Component 85% D D Sanitary Piping LIFE ** 1 B No Component 85% D D Storm Drain Piping D LIFE ** 1 B Sump Pump(s) LIFE ** 1 B Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures Fixtures Fixtures D Fixtures B <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
No Component 85% D Water Heater Gas Fired 15% 2024 \$700 2 B No Component 85% D Sanitary Piping Cast Iron 15% LIFE ** 1 B No Component 85% D Storm Drain Piping Cast Iron LIFE ** 1 B Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures		15%		2051	* *	1		В
Water Heater Gas Fired 15% 2024 \$700 2 B No Component 85% D Sanitary Piping LIFE ** 1 B No Component 85% D Storm Drain Piping D LIFE ** 1 B Sump Pump(s) LIFE ** 1 B Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures								
Gas Fired 15% 2024 \$700 2 B No Component 85% D Sanitary Piping Cast Iron 15% LIFE ** 1 B No Component 85% D Storm Drain Piping Cast Iron LIFE ** 1 B Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures								
No Component 85% D Sanitary Piping Cast Iron 15% LIFE ** 1 B No Component 85% D Storm Drain Piping Cast Iron 100% LIFE ** 1 B Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures		15%		2024	\$700	2		В
Sanitary Piping Cast Iron 15% LIFE ** 1 B No Component 85% D Storm Drain Piping Cast Iron LIFE ** 1 B Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures					, , , , ,			
Cast Iron 15% LIFE ** 1 B No Component 85% D Storm Drain Piping Cast Iron 100% LIFE ** 1 B Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures								
No Component 85% D Storm Drain Piping Cast Iron 100% LIFE ** 1 B Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures		15%		LIFE	* *	1		В
Storm Drain Piping Cast Iron 100% LIFE ** 1 B Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures								
Cast Iron 100% LIFE * * 1 B Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures								
Sump Pump(s) Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures		100%		LIFE	* *	1		В
Submersible 100% 2019 \$6,300 4 \$2,500 B Fixtures								
Fixtures		100%		2019	\$6.300	4	\$2.500	В
	•				+ - ,- 30		T-,- 0	· · · · · · · · · · · · · · · · · · ·
		100%						В

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : E. 149 STREET GARAGE Address : 315 EAST 149 STREET

Borough : BRONX Agency's Number : N/A

 Program / Asset #
 : DOT0206.000 / 14319
 Yr Built/Renovated
 : 1974 / 2008

 Area Sq Ft
 : 112,035
 Project Type
 : HIGHWAYS

Date of Survey : 09-Jun-2014 Landmark Status : NONE

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

Block : 2331 Lot : 22 BIN : 2000927

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$54,700	\$156,800
Interior Architecture	\$477,200	\$350,600
Electrical		\$148,500
Total	\$531,900	\$655,900
Priority A	\$54,700	\$156,800
Priority B	\$163,500	\$148,500
Priority C	\$313,700	\$350,600
Total	\$531,900	\$655,900

Total	\$61.100	\$6,100	\$16,400	\$9,000
Priority C	\$8,900			\$2,900
Priority B	\$9,300	\$6,100	\$6,900	\$6,100
Priority A	\$42,900		\$9,500	
Total	\$61,100	\$6,100	\$16,400	\$9,000
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Mechanical	\$400	\$400	\$1,100	\$300
Electrical	\$4,000	\$800	\$800	\$800
Interior Architecture	\$8,900			\$2,900
Exterior Architecture	\$42,900		\$9,500	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

DEPARTMENT OF TRANSPORTATION - 841 E. 149 STREET GARAGE

Asset #: 14319

Architecture		Current F	Repair	Futur	e Replacement	M		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls						_	** **********************************	
Cast in Place Concrete	5%			LIFE	* *	5	\$21,000	A
Concrete Masonry Unit	35%	N T	Φ7. 500	LIFE	* *	5	\$18,400	A
Masonry: Brick Cavity	_	Now Crumbling, a : North Fa	\$7,500 Extent : Moderate acade	LIFE , Area A	* * ffected : 10%	5	\$2,100	A
	Vertical C		nt : Moderate, Are	a Affecte	ed : 5%			
Metal Coiling Doors	5%			2038	* *	5	\$6,600	A
Metal: Cage/Fence	5%			2038	* *	5	\$9,200	Α
Pre-Cast Concrete	40%			LIFE	* *	5	\$109,400	A
	Location		Extent : Moderate, A nd South Facades l Infills	Area Affe	ected : 100%			
Window Wall	5%			2045	* *	5	\$7,900	Α
	Location	: Section (Extent : Moderate, A Of First Floor On T nercial Space Use					
Parapets								
Concrete Masonry Unit	40%			LIFE	* *	5-10	\$6,600	Α
Metal Rail	5%			2038	* *	5-10	\$2,700	Α
Pre-Cast Concrete	55%			LIFE	* *	5	\$20,900	A
	Location	: North Ar	Extent : Moderate, A ad South Parapets	Area Affe	ected : 100%			
	Explana	tion : Meta	l Infills					
Roof	0.50/			2020	* *	10	Φ10 2 100	
Traffic Topping	95%			2030	* *	10	\$102,100	A
Not Accessible	5%							D
Interior Floors								
Cast in Place Concrete	94%			LIFE	* *	5	\$627,400	C
Ceramic Tile	3%			2034	* *	5	\$4,600	C
Vinyl Tile	3%			2025	\$36,900	3	\$2,300	Č
Interior Walls	2 70				, = =, = =		7-,- 20	
Cast in Place Concrete	8%			LIFE	* *	10	\$2,900	С
Concrete Masonry Unit	83%			LIFE	* *	5	\$9,700	C
Glass: Single Pane	2%			LIFE	* *	5	\$400	C
Masonry: Brick	7%			LIFE	* *	10	\$300	C
Ceilings								
AcousTileSusp.Lay-In	2%			2030	* *	5	\$3,100	В
Exposed Concrete	98%			LIFE	* *	5-10	\$186,900	В

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

Under 600 Volts

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

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

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

DEPARTMENT OF TRANSPORTATION - 841 E. 149 STREET GARAGE

Asset #: 14319

Electrical	Current Repai	r Future Re	eplacement	M		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment Molded Case Bkrs	100% Other Observation, Extent Location: Electrical Roc Explanation: Main Serv			5	\$3,000	В
Switchgear / Switchboard	Explanation: Hatti Servi	ce switch Raida @ 500 H	претез			
Molded Case Bkrs	100%	2045	* *	5	\$3,000	В
Raceway					1-7	
Conduit	100%	2045	* *	1		В
Panelboards						
Molded Case Bkrs	100%	2041	* *	5	\$3,000	В
Wiring Thermoplastic	100%	2045	* *	1		В
Ground						
Grounding Devices Generic	100%	LIFE	* *	5	\$3,300	В
Lighting						
Interior Lighting Fluorescent	100%	2030	**	10	\$93,500	В
	Other Observation, Extent Location: Throughout Ti		1:100%			
	Explanation: T-8 Lamps					
Egress Lighting	Ехрининон . 1 о Еитр	,				
Exit, Service	100%	2030	* *	1		В
Exterior Lighting						
HID	100%	2030	* *	10	\$300	В
Alarm						
Security System No Component Generic	80% 20%	2030	**	1	\$8,400	D B
	Other Observation, Extent Location: 1st Floor Only Explanation: 6 CCTV S	V	l : 100%			
Fire/Smoke Detection						
No Component	95%					D
Generic, Analog	5%	2025	\$55,000			В
	Other Observation, Extent Location : 5th And 4th F		l : 100%			
	Explanation: Alarm Bell	S				

Mechanical	Current Repair	Future Repl	acement Ma	aintenance
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estim FY	nated Cost Cycle (Yrs)	Estimated Cost Priority Code
Heating Energy Source Electricity	100%	2035	** 1	В

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

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

DEPARTMENT OF TRANSPORTATION - 841 E. 149 STREET GARAGE

Asset #: 14319

Mechanical	Current Repair	Future R	eplacement	M		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating	•	•				
Conversion Equipment Radiant Heater	2% Other Observation, Extent : Ligh Location : Office Only Explanation : 1 Unit	2025 at, Area Affected : 2º	\$100	2		В
No Component	98%					D
No Component Air Conditioning	98%					υ U
Energy Source Electricity	100%	2033	* *	1		В
Conversion Equipment	10070	2033		1		ь
Window/Wall Unit	2% Other Observation, Extent: Ligh Location: Office Only Explanation: 1 Unit	2020 at, Area Affected : 29	\$4,000	1		В
No Component	98%					D
Distribution No Component	0%					D
Ventilation						
Exhaust Fans						
Wall Unit	5%	2020	\$7,300	2	\$200	В
No Component	95%					D
Plumbing						
H/C Water Piping			ata ata			_
Brass/Copper	5%	2035	* *	1		В
No Component	95%					D
Water Heater Electric	5%	2018	\$700	4		В
No Component	95%	2018	\$700	4		Б D
Sanitary Piping	93%					D
Cast Iron	5%	LIFE	* *	1		В
No Component	95%	LIIL		1		D
Storm Drain Piping	73 70					Ъ
Cast Iron	100%	LIFE	* *	1		В
Backflow Preventer						
No Component	50%					D
Generic	50%	2020	\$4,700	1	\$3,100	В
Fixtures					•	
Generic	100%					В
Vertical Transport						
Elevators						
Geared Traction	100% Other Observation, Extent: Ligh Location: 1-4 & Roof	LIFE t, Area Affected : 10	**			С
	Explanation: 1 Unit					
Fire Suppression						
Standpipe	100-1	.				_
Generic	100%	2035	* *	1-5	\$500	В

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

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

DEPARTMENT OF TRANSPORTATION - 841 E. 149 STREET GARAGE

Mechanical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression							
Sprinkler							
No Component	98%						D
Generic	2%		2025	\$200	1-2		В

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FLATLANDS AVENUE YARD MAIN BUILDING

Address : 6080 FLATLANDS AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0125,000 / 1000 Yr Built/Renovated : 1939 /

Area Sq Ft : 20,821 Project Type : HIGHWAYS

Date of Survey : 03-Mar-2011 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 8012 Lot : 400 BIN : 3325350

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$122,100	\$63,700
Interior Architecture		\$55,000
Electrical	\$41,400	
Mechanical	\$37,100	\$484,600
Total	\$200,500	\$603,300
Priority A	\$122,100	\$63,700
Priority B	\$78,500	\$484,600
Priority C		\$55,000
Total	\$200,500	\$603,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$45,900	\$3,800	\$7,300	
Interior Architecture	\$44,500			\$200
Electrical	\$32,700	\$34,100	\$100	\$100
Mechanical	\$13,700	\$10,600	\$4,700	\$2,900
Total	\$136,800	\$48,600	\$12,200	\$3,100
Priority A	\$45,900	\$3,800	\$7,300	
Priority B	\$46,500	\$44,700	\$4,800	\$3,000
Priority C	\$44,500			\$200
Total	\$136,800	\$48,600	\$12.200	\$3,100



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

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

DEPARTMENT OF TRANSPORTATION - 841 FLATLANDS AVENUE YARD MAIN BUILDING

Asset #: 1000

Analytications			ASSCI#.I		o Bonlacoment	M	aintananaa	
Architecture		Current Repair Future Replacement					aintenance	
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior								
Exterior Walls								
Masonry: Brick	87%		\$122,100	LIFE	* *	5	\$21,300	A
	_		nt : Moderate, Ai		ted : 10%			
			y Openings Of W		1 1007			
			ent : Moderate, A	Area Affe	ected : 10%			
		: Throughou		4 - 4	A.CC 1 - 250/			
		r Miss/Eroa, : Throughoi	Extent : Moderai	te, Area I	Апестеа : 25%			
		_	u Extent : Modera	to Aroa	Affacted · 20%			
	_	: At Masonr		и, лиси	Ajjecieu . 2070			
			: Light, Area Af	fected : 1	10%			
		: Chimney	33	,				
		=	ent : Light, Area	Affected	: 10%			
	Location	: Throughou	ıt Window Openi	ngs				
Metal Coiling Doors	10%			2027	* *	5	\$7,700	Α
Stucco Cement	3%	Now	\$20,200	2042	* *	5	\$900	A
		issing Elemer : Bulkhead	its, Extent : Mod	erate, Ai	rea Affected : 20%			
		Crumbling, E : Bulkhead	Extent : Moderate	, Area Ą	ffected : 25%			
		ded, Extent : : Bulkhead	Moderate, Area	Affected	: 50%			
Windows Aluminum	100%			2038	* *	5	\$3,300	A
Parapets								
Masonry: Brick		Now r Miss/Erod, a: Interior Fo	\$25,600 Extent : Modera ace	LIFE te, Area	* * Affected : 100%	5	\$2,300	A
	Spalling, I		erate, Area Affec	ted : 20%	6			
Masonry: Limestone	10%			LIFE	* *	5	\$300	A
Roof							·	
Built-Up (BUR)	10%			2022	\$17,300	10	\$4,000	A
		ng Surface, E. : Flat Sectio	xtent : Moderate on	, Area Aj	fected : 20%			
Metal Panel	87%			2035	* *	10	\$63,700	A
Roll Roofing	3%			2018	\$4,700	5	\$2,000	A
nterior	<u> </u>							
Floors	00-1	3. T	#21 222		-1- 1	_	A## 000	~
Cast in Place Concrete	90%	Now	\$24,800	LIFE	**	5	\$55,000	C
	_	Crumbling, E : Shop Area	Extent : Moderate	, Area Ą	<i></i> дестеа : 20%			
Commis Til		. эпор ктеа		2025	\$25.700		¢1 400	
Ceramic Tile	5% 5%			2025	\$25,700	5	\$1,400	C
Vinyl Tile	5%			2022	\$11,300	3	\$700	С

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

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

DEPARTMENT OF TRANSPORTATION - 841 FLATLANDS AVENUE YARD MAIN BUILDING

Asset #: 1000

Architecture		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$200	C
Glass: Single Pane	2%			LIFE	* *	5	\$200	C
Masonry: Brick	93%	Now	\$19,500	LIFE	* *			C
·	Vertical C	racks, Extent	: Moderate, Area	a Affecte	ed:5%			
	Location	: Upper Lev	el					
Ceilings								
Exposed Concrete	10%			LIFE	* *	5	\$400	В
Exposed Struc: Steel	90%			LIFE	* *			В

Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2022	\$1,600	5	\$100	В
			Extent : Moderate, A	Area Affe	ected : 100%			
		ı : Electrica			400.4			
	Explana	tion : One .	Electrical Service I	Rated At	400 Amps			
Raceway	1000/			2022	Ф22 000			ъ
Conduit	100%			2022	\$22,000	1		В
Panelboards	1000/			2021	ф1 7.2 00	~	Φ500	ъ
Molded Case Bkrs	100%			2021	\$17,200	5	\$500	В
Wiring	000/	2.4	Ф 22 400	20.47	* *	1		ъ
Braided Cloth	80%	2-4	\$32,400	2047		1		В
			ent : Moderate, Are		ea : 100%			
		i : Office P	lus Electrical Roon					
Thermoplastic	20%			2022	\$3,100	1		В
Motor Controllers								
Locally Mounted	100%			2020	\$12,900	5	\$100	В
Ground								
Grounding Devices	1000/				de de	_	Φ200	
Generic	100%			LIFE	**	5	\$300	В
			Extent : Moderate, A	Area Affe	ectea : 100%			
		: Basemer						
T : 1.:	Expiana	tion : Wate	r Main					
Lighting								
Interior Lighting Fluorescent	30%			2017	\$41,400	10	\$5,100	В
Fluorescent		amation I	Extent : Moderate		' ,	10	\$3,100	D
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
		tion : T-8 L	_					
HID		ιισπ . 1-0 L	мпрз	2030	* *	10	\$400	D
	70%			2030	7. 7.	10	\$400	В
Egress Lighting Exit, Service	50%			2017	\$1,300	1		В
*	50% 50%			2017	\$1,300 \$6,400	1 10	\$600	В
Exit, Battery	30%			2017	\$0,400	10	\$000	D

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

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

DEPARTMENT OF TRANSPORTATION - 841 FLATLANDS AVENUE YARD MAIN BUILDING

Asset #: 1000

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting							
Exterior Lighting							
Not Accessible	100%						D
Alarm							
Fire/Smoke Detection							
No Component	90%						D
Generic	10%		2017	\$20,400	1-3	\$1,300	В

Mechanical	Current Repair	Future	e Replacement	Maintenance			
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating							
Energy Source							
Natural Gas	100%	2032	* *	1		В	
Conversion Equipment	10070	2032		-			
Steam Boiler	100%	2027	* *	1	\$18,500	В	
Steam Boner	Other Observation, Extent : L		: 100%	•	Ψ10,200	2	
	Location : Basement	0 / 33					
	Explanation: 2 Units, One	Of Them Is Obsole	te				
Distribution	•	•					
Steam Piping/Pump	100% 0-2 \$	37,100 2032	* *	4	\$900	В	
	Other Observation, Extent : Se	evere, Area Affecte	d : 25%				
	Location : Shop Floor						
	Explanation: Piping Under	neath Shop Floor C	Corroded & Leakin	g			
Terminal Devices							
Convector/Radiator	15%	2020	\$25,100	1	\$900	В	
Fan Coil Unit/Heat	85%	2022	\$225,200	1	\$5,100	В	
Air Conditioning							
Energy Source							
Electricity	100%	2030	* *	1		В	
Conversion Equipment							
Window/Wall Unit	10%	2017	\$3,600	1		В	
No Component	90%					D	
Ventilation							
Distribution							
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$10,400	В	
Exhaust Fans							
Roof	30%	2022	\$4,200	2	\$200	В	
Wall Unit	70%	2022	\$18,700	2	\$400	В	
Plumbing							
H/C Water Piping	1000/		*			-	
Brass/Copper	100%	2022	\$52,800	1		В	
Water Heater	100-1		***	_	d-a	_	
Gas Fired	100%	2017	\$4,100	2	\$300	В	
Sanitary Piping						_	
Cast Iron	100%	LIFE	* *	1		В	
Storm Drain Piping	100-1					_	
Cast Iron	100% timates are in current dollars and are	LIFE	* *	1		В	

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

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

DEPARTMENT OF TRANSPORTATION - 841 FLATLANDS AVENUE YARD MAIN BUILDING

Mechanical		Current Repa	ir	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Sump Pump(s)								
Rigid Piping	100%	0-2	\$10,500	2032	* *	4	\$1,600	В
	On Extende	d Life, Extent	: Moderate, A	rea Affec	ted : 100%			
	Location:	Basement						
Fixtures								
Generic	100%							В
Fire Suppression								
Sprinkler								
Generic	100%			2022	\$206,600	1-2	\$5,200	В

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FLATLANDS AVENUE YARD WAREHOUSE & WELDING SHOP

Address : 6080 FLATLANDS AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0125.010 / 1036 Yr Built/Renovated : 1939 /

Area Sq Ft : 2,788 Project Type : HIGHWAYS

Date of Survey : 03-Mar-2011 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 8012 Lot : 400 BIN : 3325350

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$29,400	\$6,100	\$200	
Interior Architecture	\$100	\$500	\$100	
Electrical		\$200		
Mechanical	\$1,600	\$1,400	\$100	\$100
Total	\$31,000	\$8,200	\$400	\$100
Priority A	\$29,400	\$6,100	\$200	
Priority B	\$1,600	\$2,100	\$100	\$100
Priority C	\$100		\$100	
Total	\$31,000	\$8,200	\$400	\$100



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

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

DEPARTMENT OF TRANSPORTATION - 841 FLATLANDS AVENUE YARD WAREHOUSE & WELDING SHOP

Asset #: 1036

Architecture	С	Current Repair		Future Replacement		Maintenance	
System Component Type		nil Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls							
Masonry: Brick		Now \$23,900	LIFE	* *	5	\$2,800	A
		racks, Extent : Moderate, A	rea Affe	cted : 20%			
	Location : T		4 4 66	. 1 500/			
	_	onry Supt, Extent : Severe, A	Area Affe	ectea : 50%			
		At Masonry Openings. eks, Extent : Moderate, Arec	a Affaata	1.100/			
	Location : (и Ајјесте	a. 1070			
Metal Coiling Doors	15%		2027	* *	5	\$1,500	A
Windows						, ,	
Aluminum	100%		2038	* *	5	\$400	A
Parapets							
Masonry: Brick	95% 1	Now \$5,400	LIFE	* *	5	\$300	A
	_	acks, Extent : Severe, Area	Affected	: 30%			
	Location : A						
		rks, Extent : Severe, Area A	ffected :	30%			
	Location : 0	Corners					
Masonry: Limestone	5%		LIFE	* *	5		Α
Roof							
Built-Up (BUR)	100%		2027	* *	10	\$5,300	A
nterior							
Floors	700/		LIDE	* *	_	¢5.700	0
Cast in Place Concrete	70%		LIFE	* *	5	\$5,700	C
Ceramic Tile	5%		2031	* *	5	\$200	C C
Vinyl Tile	25%		2027		3	\$400	C
Interior Walls Gypsum Board	25%		LIFE	* *	5	\$200	С
Masonry: Brick	25% 75%		LIFE	* *	3	\$200	C
Ceilings	1370		LIFE				
AcousTileSusp.Lay-In	25%		2027	* *	5	\$900	В
Exposed Concrete	75%		LIFE	* *	5	\$400	В
Exposed Concrete	1570					Ψ700	ם

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Raceway							
Conduit	100%		2022	\$22,000	1		В
Panelboards							
Molded Case Bkrs	100%		2030	* *	5	\$100	В
Wiring							
Thermoplastic	100%		2032	* *	1		В

Lighting

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

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

DEPARTMENT OF TRANSPORTATION - 841 FLATLANDS AVENUE YARD WAREHOUSE & WELDING SHOP

Electrical	Current Repair	Future Re	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting						
Interior Lighting						
Fluorescent	85%	2022	\$3,900	10	\$1,900	В
	Other Observation, Extent: Modera	ate, Area Affectea	d: 100%			
	Location: Throughout The Buildin	ng				
	Explanation: T-12 Lamps					
HID	10%	2022	\$100	10		В
Incandescent	5%	2017	\$200	2		В

Mechanical		Current Repair	Future Replacement		M		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Distribution							
Steam Piping/Pump	100%		2032	* *	4	\$200	В
Terminal Devices							
Convector/Radiator	100%		2027	* *	1	\$800	В
Air Conditioning							
Energy Source							
Electricity	100%		2030	* *	1		В
Conversion Equipment							
Window/Wall Unit	20%		2017	\$1,000	1		В
No Component	80%						D
Ventilation							
Exhaust Fans							
Wall Unit	100%		2022	\$3,600	2	\$100	В
Plumbing							
H/C Water Piping							
Brass/Copper	100%	0-2 \$1,400	2032	* *	1		В
	Corroded,	Extent: Moderate, Area Affe	ected : 20	%			
	Location	: Water Main And Piping					
Water Heater							
Electric	100%		2017	\$400	4		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.

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : GLENDALE YARD BLDG, 1 (SHOPS & OFFICES)

Address : 69-46 SYBILLA STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0126,000 / 2423 Yr Built/Renovated : 1928 /

Area Sq Ft : 16,416 Project Type : HIGHWAYS

Date of Survey : 17-Oct-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 3886 Lot : 558 BIN : 4095043

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$298,000	
Interior Architecture		\$187,500
Mechanical	\$67,900	\$244,500
Total	\$365,900	\$432,000
Priority A	\$298,000	
Priority B	\$67,900	\$393,400
Priority C		\$38,600
Total	\$365,900	\$432,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$54,900			\$10,900
Interior Architecture	\$30,500		\$300	\$2,100
Electrical	\$10,000	\$100	\$200	\$32,000
Mechanical	\$900	\$1,900	\$3,000	\$11,300
Total	\$96,200	\$1,900	\$3,400	\$56,200
Priority A	\$54,900			\$10,900
Priority B	\$40,600	\$1,900	\$3,100	\$43,300
Priority C	\$700		\$300	\$2,100
Total	\$96,200	\$1,900	\$3,400	\$56,200



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

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

Architecture		Current Re	pair	Futur	e Replacement	N	laintenance		
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Co	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior				•				•	
Exterior Walls									
Concrete Masonry Unit	5%		# 00 # 00	LIFE		* 5	\$600	A	
Masonry: Brick	40%	Now	\$88,500	LIFE		* 5	\$7,700	A	
			its, Extent : Mod ade at Plumbing		ea Affectea : 15	%			
			ut : Moderate, A		ted : 15%				
	_	: Throughou		ей Ајјес	iea . 1570				
		_	Moderate, Area	Affected	: 10%				
			ade, Throughout		. 10,0				
			ent : Moderate, 1		cted : 15%				
			ade, Throughout						
	Jnt Morta	r Miss/Erod,	Extent : Severe, .	Area Affe	ected : 50%				
	Location	: North Face	ade, Throughout						
Metal Panel	10%			2034	*	* 5-10	\$13,300	A	
Metal Coiling Doors	5%			2029	*	* 5	\$3,000	A	
Stucco Cement	40%	Now	\$42,500	2029	*	5	\$9,700	A	
	Broken/Missing Elements, Extent: Moderate, Area Affected: 10%								
	Location: North Side Above Roll-up Door, South Facade								
	Cracking/Crumbling, Extent : Severe, Area Affected : 10% Location : East Facade, Throughout								
			_	una Affan	404.200/				
		cracks, Exter : South Face	nt : Moderate, A. ade	rea Ajjec	iea : 20%				
Windows	Locuiton	. Sount I acc							
Steel	70%	Now	\$90,100	2049	*	* 5	\$11,400	A	
	Air Infiltro	ation, Extent .	: Moderate, Ared		d: 100%		, ,		
	Location	: Throughou	rt .						
	Bent/Warped Elements, Extent : Severe, Area Affected : 25%								
	Location : Throughout								
	_		d, Extent : Sever	e, Area A	Affected : 50%				
		: Throughou							
			Extent : Severe, A	rea Affe	cted : 100%				
		: Throughou							
Wood	30%	Now	\$20,700	2049	*	* 5	\$3,900	A	
			tent : Severe, Ai	ea Affeci	red: 100%				
		: Throughou		ffootod .	250/				
	Dry Rot/Decay, Extent : Severe, Area Affected : 25% Location : Throughout								
	Location: Inrougnout Glazing Broken/Cracked, Extent: Severe, Area Affected: 50%								
		: Throughou		-,	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
		_	Extent : Severe, A	rea Affe	cted : 100%				
	-	: Throughou		00					

Architecture	Current Repair	Future Replacement	Maintenance			
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated Cost FY	Cycle I (Yrs)	Estimated Cost	Priority Code	
Exterior						
Parapets Masonry: Brick	25% Now \$5,0 Diagonal Cracks, Extent: Modera Location: South Facade, Throug Jnt Mortar Miss/Erod, Extent: Mo	nte, Area Affected : 10% ghout oderate, Area Affected : 100%	5	\$500	A	
Pre-Cast Concrete	Location: North Facade, South South South South South Mortar Miss/Erod, Extent: Mortar Miss/Erod, Extent: Mortar Coping Caulking Deteriorated, Extent: Mortan Coping	300 LIFE ** oderate, Area Affected : 50%	5	\$600	A	
Wood Cornice	70% Now \$28,2 Broken/Missing Elements, Extent: Location: South Facade Dry Rot/Decay, Extent: Moderate Location: South Facade	Moderate, Area Affected : 25%	5	\$8,300	A	
Roof						
Asphalt Shingle	75% Now \$76,9 Debris on Roof, Extent: Moderate Location: Throughout Gut/DS Non Func/Miss, Extent: M Location: South Facade	e, Area Affected : 25% Moderate, Area Affected : 25%			A	
	Worn/Eroded, Extent: Moderate, Location: Throughout	Area Affected : 25%				
Metal Panel Not Accessible	10% 15%	2029 **	10	\$5,800	A D	
Interior						
Floors Cast in Place Concrete	80% Other Observation, Extent: Light, Location: Throughout Explanation: Interior Not Acces	-	5	\$38,600	С	
Vinyl Tile	10%	2024 \$17,800	3	\$800	С	
Wood	10%	2039 **	5	\$4,100	C	

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

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

Asset #: 2423

Architecture		Current Rep	air	Future	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior								
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			C
			nt : Light, Area	Affected	: 100%			
		: Throughout						
	Explana	tion : Interior l	Not Accessible					
Concrete Masonry Unit	5%			LIFE	* *	5	\$200	C
Gypsum Board	15%			LIFE	* *	5	\$800	C
Masonry: Brick	55%			LIFE	* *			C
Plaster	10%	Now	\$700	LIFE	* *	5	\$300	C
	Broken/M	issing Element.	s, Extent : Seve	re, Area 1	Affected : 10%			
	Location	a : South Wall I	Vear Door					
		-	xtent : Severe, A	Area Affe	cted : 25%			
	Location	a: South Wall I	Vear Door					
Ceilings								
Exposed Concrete	15%			LIFE	* *	5	\$500	В
	Other Observation, Extent: Light, Area Affected: 100%							
	Location	: Throughout						
	Explana	tion : Interior l	Not Accessible					
Exposed Struc: Steel	10%			LIFE	* *			В
Fiber Board	65%	Now	\$29,800	2024	\$148,900			В
	Broken/Missing Elements, Extent: Moderate, Area Affected: 25%							
	Location	: Throughout						
	Staining/L	Discoloring, Ex	tent : Moderate	, Area A <u>f</u>	fected : 25%			
	Location	: Throughout						
Wood	10%			LIFE	* *	5	\$19,300	В

Electrical		Current Repair		Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date Estim (Years)	ated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2024	\$1,000	5	\$400	В
	Other Obs	ervation, Extent :	Moderate, 1	Area Affe	ected : 100%			
	Location	: Electrical Room	ı					
	Explanat	ion : One 400 Am	ps Main Di	sconnect	Switch			
Raceway								
Conduit	100%			2024	\$22,000	1		В
Panelboards								
Fused Disc Sw	20%			2023	\$2,300	5	\$100	В
Fused Knife Sw	20%	2-4	\$2,300	2049	* *	5		В
	Obsolete E	quipment, Extent	: Moderate	Area Af	fected : 100%			
	Location	: Throughout						
	On Extend	ed Life, Extent : S	evere, Area	Affected	! : 100%			
	Location	: Throughout						
Molded Case Bkrs	60%			2023	\$6,900	5	\$300	В

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

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

Asset #: 2423

Electrical	Current Repair	Future Repl	acement	Ma	intenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estin FY		Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Wiring						
Braided Cloth		57,700 2049	* *	1		В
	Insulation Aged, Extent : Mode	rate, Area Affected : 100	0%			
	Location: Throughout					
Thermoplastic	50%	2024	\$7,700	1		В
Motor Controllers						
Locally Mounted	100%	2022	\$8,600	5	\$100	В
Ground						
Grounding Devices						
Not Accessible	100%					D
Lighting						
Interior Lighting						
Fluorescent	70%	2019	\$19,000	10	\$9,500	В
	Other Observation, Extent : Mo	oderate, Area Affected :	, Area Affected : 100%			
	Location: Throughout					
	Explanation: Using T-12 Lan	nps				
HID	30%	2019	\$2,300	10	\$100	В
Exterior Lighting						
HID	100%	2019	\$800	10	\$100	В
Alarm						
Security System						
Not Accessible	100%					D
Fire/Smoke Detection						
Not Accessible	100%					D

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Fuel Oil No 2	100%			2024	\$34,400	5	\$4,600	В
Conversion Equipment								
Steam Boiler	100%	Now	\$67,900	2044	* *	1	\$13,100	В
	On Extend	ed Life, Ex	tent : Moderate, A	rea Affec	rted : 100%			
	Location	: 1st Floor	r Boiler Room					
	Other Obs	ervation, E	Extent : Light, Area	Affected	! : 100%			
			r Boiler Room					
	Explana	ion : 1 Uni	it					
Distribution								
Steam Piping/Pump	100%			2024	\$97,400	4	\$1,100	В
Terminal Devices								
Convector/Radiator	80%			2022	\$105,400	1	\$3,800	В
Unit Heater-Stm/HW	20%			2024	\$18,000	4	\$400	В
Air Conditioning								
Energy Source								
Electricity	100%			2032	* *	1		В

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

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

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning							
Conversion Equipment							
Window/Wall Unit	10%		2019	\$2,900	1		В
No Component	90%						D
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$8,200	В
Exhaust Fans							
Wall Unit	20%		2019	\$4,200	2	\$100	В
No Component	80%						D
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%		2022	\$41,700	1		В
Water Heater							
Electric	100%		2023	\$2,200	4	\$100	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : GLENDALE YARD BLDG. 7 (GARAGE & STORAGE)

Address : 69-46 SYBILLA STREET

Borough : QUEENS Agency's Number : N/A

Date of Survey : 17-Oct-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 3886 Lot : 558 BIN : 4095043

CAPITAL

Total

Priority

Total

\$32,300 \$300 \$9,800	\$1,200 \$200	\$300	\$11,500 \$400
	\$1,200	\$300	
\$32,300			\$11,500
\$42,400	\$1,500	\$300	\$12,000
\$300	\$300	\$300	\$300
			\$200
\$9,800	\$1,200		
\$32,300			\$11,500
FY 2016	FY 2017	FY 2018	FY 2019
	\$32,300 \$9,800 \$300	\$32,300 \$9,800 \$1,200 \$300 \$300	\$32,300 \$9,800 \$1,200 \$300 \$300 \$300



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

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

DEPARTMENT OF TRANSPORTATION - 841 GLENDALE YARD BLDG. 7 (GARAGE & STORAGE)

Asset #: 2424

rchitecture		Current R	lepair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
terior								
Exterior Walls								
Cast in Place Concrete	20%			LIFE	* *	5	\$6,700	Α
Masonry: Brick	75%		\$28,800	LIFE	**	5	\$5,000	A
			l, Extent : Severe, A	Area Affe	ected: 50%			
		ı : Througho		1 1 CC-				
		ieiraiion, E. i : Men Loci	xtent : Moderate, A	1 геа Ајје	eciea : 5%			
			кет коот : Severe, Area Affe	octod · A	0%			
		аеа, Елгет 1 : Througho		жи. 4	070			
Metal Coiling Doors	5%			2029	* *	5	\$1,100	A
Windows							+-,	
Aluminum	100%			2040	* *	5	\$900	A
Parapets							•	
Masonry: Brick	45%	Now	\$3,500	LIFE	* *	5	\$300	A
			l, Extent : Moderat	e, Area A	Affected : 60%			
	Location	i : Througho	out					
	_		Extent : Moderate,	Area Afj	fected : 30%			
	Location	i : Througho	out					
Masonry: Brick	50%			LIFE	* *	5	\$400	A
Metal Panel	5%			2044	* *	5	\$100	A
Roof								
Modified Bitumen	100%			2029	* *	10	\$10,900	A
erior								
Floors	750/			LIEE	* *	~	¢12 coo	0
Cast in Place Concrete	75%			LIFE	* *	5	\$12,600	C
Vinyl Tile	25%			2029	7. 7.	3	\$700	С
Interior Walls Concrete Masonry Unit	5%			LIFE	* *	5	\$100	С
Gypsum Board	10%		\$100	LIFE	* *	5	\$200	C
Gypsulli Board			Extent : Moderate			3	\$200	C
	_	crumoung, 1 : Men Loci		, лгеи п	ујестей . 570			
Masonry: Brick	85%	Now	\$9,800	LIFE	* *			C
			l, Extent : Moderat		Affected : 20%			-
		i : Through			-			
Ceilings								
	25%			2037	* *	5	\$1,900	В
AcousTileSusp.Lay-In	_0 ,0							

Electrical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Switchgear / Switchboard						
Molded Case Bkrs	100%	2054	* *	5	\$200	В
	Recent Installation, Extent: Light,	Area Affected : 100%	1			
	Location : Throughout					

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

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

DEPARTMENT OF TRANSPORTATION - 841 GLENDALE YARD BLDG. 7 (GARAGE & STORAGE)

Asset #: 2424

Electrical	Current Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Raceway						
Conduit	100%	2054	* *	1		В
	Recent Installation, Extent Location : Throughout	: Light, Area Affected	: 100%			
Panelboards						
Fused Disc Sw	5%	2049	* *	5		В
Molded Case Bkrs	95%	2049	* *	5	\$100	В
Wiring						
Thermoplastic	100%	2054	* *	1		В
Motor Controllers						
Locally Mounted	100%	2044	* *	5		В
Ground						
Grounding Devices						
Not Accessible	100%					D
Lighting						
Interior Lighting						
Fluorescent	20%	2034	* *	10	\$900	В
	T-5 Lamps, Extent : Moder Location : Garage	ate, Area Affected : 10	00%			
Fluorescent	80%	2034	* *	10	\$3,800	В
	T-8 Lamps, Extent: Moder	ate, Area Affected : 10	00%			
	Location: Throughout					
Egress Lighting						
Emergency, Battery	50%	2034	* *	10	\$600	В
Exit, Service	50%	2034	* *	1		В
Exterior Lighting						
HID	100%	2034	* *	10		В

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year 1 FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Natural Gas	100%	2044	* *	1		В
Conversion Equipment						
Furnace	100%	2029	* *	1	\$2,500	В
	Other Observation, Extent : Lig	ght, Area Affected :	100%			
	Location: 1st Floor					
	Explanation: 3 Units					
Air Conditioning						
Energy Source						
Electricity	100%	2040	* *	1		В
Conversion Equipment						
Window/Wall Unit	40%	2022	\$4,000	1		В
No Component	60%					D
Ventilation						

Ventilation

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

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

DEPARTMENT OF TRANSPORTATION - 841 GLENDALE YARD BLDG. 7 (GARAGE & STORAGE)

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation							
Exhaust Fans							
Wall Unit	40%		2029	* *	2	\$100	В
No Component	60%						D
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2050	* *	1		В
Water Heater							
Electric	100%		2023	\$800	4		В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HARLEM RIVER BRIDGE SHOP GARAGE 1

Address : 300 W. 206TH STREET

Borough : MANHATTAN Agency's Number : N/A

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

Areas Surveyed : Basement, Roof, Floors 1

Block : 2186 Lot : 9 BIN : 1081892

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$38,400	\$38,400
Total	\$38,400	\$38,400
Priority A	\$38,400	\$38,400
Total	\$38,400	\$38,400

Total	\$153,000	\$2,500	\$6,400	\$2,400
Priority C	\$41,300		\$700	
Priority B	\$72,100	\$2,500	\$5,800	\$2,400
Priority A	\$39,600			
Total	\$153,000	\$2,500	\$6,400	\$2,400
Mechanical	\$6,000	\$1,400	\$3,300	\$1,400
Electrical	\$27,200	\$1,100	\$1,400	\$1,100
Interior Architecture	\$80,200		\$1,700	
Exterior Architecture	\$39,600			
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

DEPARTMENT OF TRANSPORTATION - 841 HARLEM RIVER BRIDGE SHOP GARAGE 1

Asset #: 549

Architecture	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls							
Masonry: Brick	97%		LIFE	* *	5	\$76,900	A
Pre-Cast Concrete	3%		LIFE	* *	5	\$7,700	A
Windows							
Aluminum	50%		2041	* *	5	\$1,500	A
Fiberglass Panel	50%		2041	* *	5	\$5,500	A
Parapets							
Masonry: Brick	95%		LIFE	* *	5-10	\$35,700	A
Pre-Cast Concrete	5%		LIFE	* *	5	\$3,500	A
Roof							
Single Ply Membrane	100%		2033	* *	10	\$19,900	Α
Interior							
Floors							
Cast in Place Concrete	70%		LIFE	* *	5	\$65,100	C
Terrazzo	5%		LIFE	* *	5	\$1,700	C
Vinyl Tile	25%		2030	* *	3	\$2,000	C
Interior Walls							
Concrete Masonry Unit	90%		LIFE	* *	5	\$13,600	C
Glass: Single Pane	5%		LIFE	* *	5	\$1,400	C
SGFT/Glazed Masonry	5%		LIFE	* *	10	\$500	C
Ceilings							
AcousTileSusp.Lay-In	10%		2038	* *	5	\$2,100	В
Exposed Struc: Steel	75%		LIFE	* *	10	\$31,900	В
Gypsum Board	15%		LIFE	* *	5-10	\$11,000	В

lectrical		Current Repa	ir	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	\$1,000	2055	* *	5		В
	•	ater Damage, E : Electrical Ro		Area Af	fected : 100%			
				A CC .	1 1000/			
		ervation, Exten		а Ађесте	ea : 100%			
		: Basement Ele		D.	. 6 . 1 . 11	ъ	15 6 1	
	Explanai Storm	ion : One 2500	Amperes Man	ı Discon	nect Switch, Water	· Damage	ed From Sandy	
Switchgear / Switchboard								
Fused Disc Sw	100%	Now	\$20,200	2055	* *	5		В
	Suspect W	ater Damage, E	Extent : Severe	Area Af	fected : 100%			
	Location	: Basement Ele	ectrical Room					
Raceway								
Conduit	90%			2051	* *	1		В
Conduit	10%	Now	\$2,200	2055	* *	1		В
	Corroded,	Extent : Severe	e, Area Affecte	d: 10%				
	Location	: Basement Ele	ectrical Room					

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

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

DEPARTMENT OF TRANSPORTATION - 841 HARLEM RIVER BRIDGE SHOP GARAGE 1

Asset #: 549

Electrical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts				•				
Panelboards								
Fused Disc Sw	3%		\$300	2050	**	5		В
	-		ge, Extent : Severe	, Area A	ffected : 5%			
		: Basemen	t Electrical Room					
Fused Disc Sw	2%			2050	* *	5		В
Fused Disc Sw	5%			2041	* *	5		В
Molded Case Bkrs	85%			2041	* *	5	\$300	В
Molded Case Bkrs	5%	Now	\$600	2050	**	5		В
	-		ge, Extent : Severe	, Area Aj	ffected : 5%			
	Location	: Basemen	t					
Wiring	000/			2045	ماد ماد			ъ
Thermoplastic	90%		Φ1. 5 00	2045	* *	1		В
Thermoplastic	10%	Now	\$1,500	2055		1		В
	-	ater Damaz : Basemen	ge, Extent : Severe t	, Area Aj	ffected : 10%			
Motor Controllers								
Locally Mounted	90%			2038	* *	5	\$100	В
Locally Mounted	10%			2045	* *	5		В
Ground								
Grounding Devices						_		_
Generic	100%			LIFE	* *	5	\$400	В
Lighting								
Interior Lighting	1000/			2020	* *	10	Φ12.000	ъ
Fluorescent	100%			2030		10	\$13,000	В
	Other Observation, Extent : Moderate, Area Affected : 100% Location : Throughout The Building							
Egress Lighting	Expiana	tion : T-8 L	amps					
	50%			2030	* *	10	\$1,700	В
Emergency, Battery Exit, LED	25%			2053	* *		\$1,700	В
Exit, LED Exit, Service	25% 25%			2033	* *	1 1		В
	23%			2030		1		Ь
Exterior Lighting HID	100%			2030	* *	10		В
	100%			2030		10		D
Alarm Security System								
No Component	50%							D
Generic	50%			2030	* *	1	\$2,700	В
Fire/Smoke Detection	3070			2030		1	Ψ2,700	ע
Generic	100%			2033	* *	1-3	\$8,700	В
Generic		ervation F	xtent : Moderate, 1			1-3	φο, / 00	ט
		: 1st Flooi		11 04 11/16	. 100/0			
			ens Main Control I	Panel				
	Елріина	ion . sieme	ns mun Connot I	инен				

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

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

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

DEPARTMENT OF TRANSPORTATION - 841 HARLEM RIVER BRIDGE SHOP GARAGE 1

Asset #: 549

Mechanical	Current Repair	Future Repla	cement	Maintenance				
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Heating								
Energy Source	1000/	2025	* *			ъ		
Natural Gas	100%	2035	* *	1		В		
Conversion Equipment	050/	2020	* *	1	¢< 000	D		
Furnace	85% Other Observation Extent : Liab	2030		1	\$6,000	В		
	Location: Roof	Other Observation, Extent: Light, Area Affected: 85%						
	Explanation: 6 Roof Top Units	·						
Hot Water Boiler	15%	2045	* *	1	\$1,100	В		
Hot water boller	Recent Replace Evident, Extent :			1	\$1,100	Ь		
	Location: Basement	Ligni, Area Affectea	10/0					
	Other Observation, Extent: Ligh	at Area Affected . 15%						
	Location: Basement	u, meu nyeeteu . 1570						
	Explanation: 1 Unit							
Distribution	Explanation . 1 Ohti							
Hot Wtr Piping/Pump	15%	2041	* *	4	\$200	В		
No Component	85%	2011		•	Ψ200	D		
Terminal Devices								
Convector/Radiator	15%	2038	* *	1	\$700	В		
No Component	85%				,	D		
Air Conditioning								
Energy Source								
Electricity	100%	2041	* *	1		В		
Conversion Equipment								
Ext Pkg Unit -	100%	2030	* *	2	\$900	В		
Heating/Cooling								
	R-22 Refrigerant, Extent: Light,	Area Affected : 100%						
	Location : Roof							
	Other Observation, Extent : Ligh	nt, Area Affected : 100%						
	Location : Roof							
	Explanation : 6 Units							
Ventilation								
Distribution	1000/	LIEE	* *	2.5	¢12.500	D		
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$12,500	В		
Exhaust Fans Roof	1000/	2020	* *	2	¢400	D		
	100%	2030		2	\$400	<u>B</u>		
Plumbing H/C Water Piping								
Brass/Copper	100%	2045	* *	1		В		
Water Heater	10070	2043						
Gas Fired	100%	2024	\$3,100	2	\$200	В		
Sanitary Piping	10070	2021	Ψ2,100		Ψ200			
Cast Iron	100%	LIFE	* *	1		В		
Storm Drain Piping	100,0							
Cast Iron	100%	LIFE	* *	1		В		
Sump Pump(s)								
Rigid Piping	100%	2030	* *	4	\$1,600	В		
	100,0	2000			Ψ1,000			

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

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

DEPARTMENT OF TRANSPORTATION - 841 HARLEM RIVER BRIDGE SHOP GARAGE 1

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	
Plumbing					
Backflow Preventer					
Generic	100%	2030 * *	1 \$900	В	
Fixtures					
Generic	100%			В	
Fire Suppression					
Sprinkler					
Generic	100%	2045 * *	1-2 \$4,000	В	

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HARLEM RIVER BRIDGE SHOP GARAGE 2

Address : 301 W. 205TH STREET

Borough : MANHATTAN Agency's Number : N/A

 Program / Asset #
 : DOT0093.010 / 550
 Yr Built/Renovated
 : 1958 / 2007

 Area Sq Ft
 : 20,096
 Project Type
 : HIGHWAYS

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

Areas Surveyed : Basement, Floors 1,2

Block : 2186 Lot : 9 BIN : 1081894

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture		\$46,700
Total		\$46,700
Priority A		\$46,700
Total		\$46,700

Total	\$77,600	\$11,500	\$27,100	\$6,800
Priority C	\$13,900		\$4,500	
Priority B	\$12,500	\$7,000	\$22,600	\$6,800
Priority A	\$51,200	\$4,500		
Total	\$77,600	\$11,500	\$27,100	\$6,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Mechanical	\$8,200	\$2,400	\$3,200	\$2,500
Electrical	\$400	\$700	\$400	\$400
Interior Architecture	\$13,900		\$19,600	
Exterior Architecture	\$51,200	\$4,500		
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

DEPARTMENT OF TRANSPORTATION - 841 HARLEM RIVER BRIDGE SHOP GARAGE 2

Asset #: 550

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls							
Masonry: Brick	80%		LIFE	* *	5	\$37,100	A
Metal Panel	20%		2051	* *	5-10	\$31,800	A
Windows							
Aluminum	100%		2047	* *	5	\$8,900	A
Parapets							
Cast Stone/Terra Cotta	10%		LIFE	* *	5-10	\$9,300	A
Masonry: Brick	90%		LIFE	* *	5-10	\$20,100	A
Roof							
Single Ply Membrane	100%		2033	* *	10	\$46,700	A
Interior							
Floors							
Traffic Topping	5%		2033	* *	5	\$1,900	C
Vinyl Tile	95%		2033	* *	3	\$10,700	C
Interior Walls							
Concrete Masonry Unit	90%		LIFE	* *	5	\$21,800	C
Glazed Ceramic Panel	5%		LIFE	* *	10	\$1,400	C
Gypsum Board	5%		LIFE	* *	5-10	\$2,600	C
Ceilings							
AcousTileSusp.Lay-In	100%		2038	* *	5	\$30,100	В

Electrical	Current	Repair F	uture	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)		ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Raceway							
Conduit	100%	20	051	* *	1		В
Panelboards							
Fused Disc Sw	10%	20	047	* *	5		В
Molded Case Bkrs	90%	20	047	* *	5	\$500	В
Wiring							
Thermoplastic	100%	20	051	* *	1		В
Motor Controllers							
Locally Mounted	100%	20	042	* *	5	\$100	В
Lighting							
Interior Lighting							
Fluorescent	90%	20	033	* *	10	\$16,600	В
	T-8 Lamps, Extent:	Moderate, Area Affecte	d: 90	%			
	Location: Through	nout The Building					
Fluorescent	10%	20	033	* *	10	\$1,800	В
	T-5 Lamps, Extent:	Moderate, Area Affecte		%		, ,	
	Location : Shop &						
Egress Lighting	<u>-</u>						
Emergency, Battery	50%	20	033	* *	10	\$2,400	В
Exit, LED	50%	20	060	* *	1	. ,	В

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

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

DEPARTMENT OF TRANSPORTATION - 841 HARLEM RIVER BRIDGE SHOP GARAGE 2

Asset #: 550

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting							
Exterior Lighting							
HID	100%		2033	* *	10	\$100	В
Alarm							
Security System							
No Component	50%						D
Generic	50%		2033	* *	1	\$3,800	В
Fire/Smoke Detection							
Generic, Digital	100%		2033	* *			В

Mechanical	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating	•	•	•			
Energy Source						
Natural Gas	100%	2051	* *	1		В
Conversion Equipment						
Furnace	80%	2033	* *	1	\$8,000	В
	Other Observation, Extent: Light, A	Area Affected :	80%			
	Location: Roof					
	Explanation: 3 Package Units					
Hot Water Boiler	20%	2042	* *	1	\$2,000	В
	Other Observation, Extent : Light, A	Area Affected :	20%			
	Location: 3rd Floor Penthouse					
	Explanation: 1 Unit					
Distribution	•					
Hot Wtr Piping/Pump	20%	2047	* *	4	\$200	В
No Component	80%					D
Terminal Devices						
Convector/Radiator	20%	2042	* *	1	\$1,300	В
No Component	80%				, ,	D
Air Conditioning						
Energy Source						
Electricity	100%	2047	* *	1		В
Conversion Equipment						
Ext Pkg Unit -	100%	2033	* *	2	\$1,200	В
Heating/Cooling						
2 2	R-134a Refrigerant, Extent: Light,	Area Affected .	: 100%			
	Location: 3 Units, Roof					
Ventilation						
Distribution						
Ductwork/Diffusers	100%	LIFE	* *	2-5	\$17,700	В
Exhaust Fans						
Roof	100%	2033	* *	2	\$600	В
Plumbing					•	
H/C Water Piping						
Brass/Copper	100%	2051	* *	1		В

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

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

DEPARTMENT OF TRANSPORTATION - 841 HARLEM RIVER BRIDGE SHOP GARAGE 2

Asset #: 550

Mechanical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estima FY	nted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Water Heater						
Gas Fired	100%	2024	\$4,400	2	\$300	В
Sanitary Piping						
Cast Iron	100%	LIFE	* *	1		В
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Backflow Preventer						
Generic	100%	2033	* *	1	\$1,200	В
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			C
	Other Observation, Extent : L	ight, Area Affected : 100%				
	Location: 1-3					
	Explanation: 1 Unit					
Fire Suppression						
Sprinkler						
Generic	100%	2051	* *	1-2	\$5,600	В

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : JEROME - GUN HILL ROAD GARAGE
Address : 3510 JEROME AVENUE @ GUN HILL RD.

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0204.000 / 14317 Yr Built/Renovated : 1979 /

Area Sq Ft : 78,600 Project Type : HIGHWAYS

Date of Survey : 15-Apr-2010 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2,3

Block : 3328 Lot : 10 BIN : 2017791

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$230,900	\$106,200
Interior Architecture	\$41,600	
Electrical	\$36,700	\$37,500
Total	\$309,200	\$143,700
Priority A	\$230,900	\$106,200
Priority B	\$36,700	\$37,500
Priority C	\$41,600	
Total	\$309,200	\$143,700

Total	\$78,200	\$300	\$300	\$300
Priority C				
Priority B	\$41,900	\$300	\$300	\$300
Priority A	\$36,300			
Total	\$78,200	\$300	\$300	\$300
Mechanical	\$7,700			
Electrical	\$34,300	\$300	\$300	\$300
Interior Architecture				
Exterior Architecture	\$36,300			
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

DEPARTMENT OF TRANSPORTATION - 841 JEROME - GUN HILL ROAD GARAGE

Asset #: 14317

chitecture	Current Repair	Future Replacemen	nt N	laintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated C FY	ost Cycle (Yrs)	Estimated Cost	Priority Code
erior	•				
Exterior Walls Cast in Place Concrete	80% Now \$113,600 Cracking/Crumbling, Extent: Modera Location: West Facade Worn/Eroded, Extent: Light, Area Aff Location: West Facade	te, Area Affected : 5%	** 5	\$106,200	A
Metal Sect. OHD	5% Now \$7,900 Other Observation, Extent: Moderate, Location: West Facade Explanation: Broken Missing Eleme	Area Affected : 15%	** 5	\$2,100	A
Metal: Cage/Fence	15% Now \$8,500 Corrosion/Rusting, Extent: Moderate, Location: West Facade Deteriorated Finish, Extent: Moderate Location: West Facade	Area Affected : 15%	** 5	\$8,700	A
Windows					
Steel	5% Now \$4,000 Deteriorated Finish, Extent: Moderate Location: West Facade Glazing Broken/Cracked, Extent: Moderate Location: West Facade	e, Area Affected : 25%	* * 5	\$500	A
No Component	95%				D
Parapets Cast in Place Concrete	75% Now \$14,400 Spalling, Extent: Light, Area Affected	LII'L	** 5	\$24,700	A
	Location : Throughout Vertical Cracks, Extent : Light, Area A Location : West Facade	ffected : 10%			
Metal: Cage/Fence	25% Now \$1,500 Corrosion/Rusting, Extent: Moderate, Location: East Facade, South Facad Deteriorated Finish, Extent: Moderate Location: East Facade, South Facad	Area Affected : 10% le e, Area Affected : 50%	** 5	\$2,600	A
Roof					
Traffic Topping	100% Now \$117,300 Cracking/Crumbling, Extent: Modera Location: Throughout Expansion Int Failure, Extent: Severe Location: Throughout Water Penetration, Extent: Moderate,	te, Area Affected : 25% , Area Affected : 25%	* *		A

Interior

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

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

DEPARTMENT OF TRANSPORTATION - 841 JEROME - GUN HILL ROAD GARAGE

Asset #: 14317

Architecture	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior							
Floors							
Asphalt Poured	100% Now	\$41,600	2034	* *	5	\$26,800	C
	Cracking/Crumbling	, Extent : Severe, A	rea Affec	eted : 25%			
	Location: Through	out					
	Uneven Surface, Ext	ent : Moderate, Are	a Affecte	ed: 20%			
	Location: Through	out					
Interior Walls							
Cast in Place Concrete	75%		LIFE	* *			C
Concrete Masonry Unit	23%		LIFE	* *	5	\$900	C
Glass: Single Pane	2%		LIFE	* *	5	\$200	C
Ceilings							
Exposed Concrete	100%		LIFE	* *	5	\$16,700	В
	Water Penetration, E	Extent : Moderate, A	Area Affe	cted : 10%			
	Location: 1st Floo	r, 2nd Floor, 3rd F	loor				

	Current Repair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
100%		2021	\$5,300	5	\$2,100	В
		Area Affe	ected : 100%			
Explanati	on : No Available Nameplat	e Ratings	S			
100%		2021	\$30,300	5	\$2,100	В
100%		2021	\$37,500	1		В
100%		2020	\$28,700	5	\$2,100	В
10%	2-4 \$2,800	2046	* *	1		В
Insulation A	Aged, Extent : Moderate, Ar	ea Affecte	ed : 100%			
Location	: Throughout The Building					
90%		2021	\$25,000	1		В
100%						D
100%		2016	\$36,700	10	\$2,300	В
100%		2016	\$4,000	10	\$200	В
	100% Other Obset Location Explanati 100% 100% 100% 100% Insulation A Location 90% 100%	100% Other Observation, Extent: Moderate, Location: Electrical Room Explanation: No Available Nameplat 100% 100% 100% 100% 100% 100% 100% 100% 100% 100%	No of Total Fail Date Estimated Cost (Years) FY	Nof Total Fail Date Estimated Cost FY	Nof Total Pail Date Estimated Cost Year Estimated Cost Cycle FY	No of Total Fail Date Estimated Cost Year Estimated Cost (Years) (Years)

Alarm

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

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

DEPARTMENT OF TRANSPORTATION - 841 JEROME - GUN HILL ROAD GARAGE

Asset #: 14317

Electrical	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm						
Security System						
No Component	90%					D
Generic	10%	2016	\$22,500	1	\$2,900	В
	Other Observation, Extent: Modera	te, Area Affecte	ed : 100%			
	Location: Entry And Exit Point					
	Explanation: CCTV Surveillance (Camera System	ı Is Functional			

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Electricity	100%		2031	* *	1		В
Conversion Equipment							
Radiant Heater	5%		2016	\$100	2		В
No Component	95%						D
Air Conditioning							
Energy Source							
Electricity	100%		2029	* *	1		В
Conversion Equipment							
Window/Wall Unit	5%		2016	\$7,000	1		В
No Component	95%						D
Plumbing							
H/C Water Piping							
Brass/Copper	5%		2021	\$10,100	1		В
No Component	95%						D
Water Heater							
Electric	5%		2016	\$500	4		В
No Component	95%						D
Sanitary Piping							
Cast Iron	5%		LIFE	* *	1		В
No Component	95%						D
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В

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

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

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : JEROME 190TH ST. GARAGE
Address : JEROME AVE. & 190TH ST.

Borough : BRONX Agency's Number : N/A

 Program / Asset #
 : DOT0120.000 / 175
 Yr Built/Renovated
 : 1961 / 2007

 Area Sq Ft
 : 149,514
 Project Type
 : HIGHWAYS

Date of Survey : 09-Jan-2013 Landmark Status : NONE

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

Block : 3189 Lot : 9 BIN : 2014125

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$625,100	\$1,063,400
Interior Architecture	\$853,500	\$386,200
Electrical	\$119,600	\$99,700
Total	\$1,598,200	\$1,549,300
Priority A	\$625,100	\$1,063,400
Priority B	\$264,900	\$99,700
Priority C	\$708,200	\$386,200
Total	\$1,598,200	\$1,549,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$2,300	\$24,100		\$6,600
Interior Architecture	\$65,400			\$500
Electrical		\$400	\$1,400	\$47,300
Mechanical	\$400	\$600	\$1,000	\$600
Elevators/Escalators	\$13,800	\$13,800	\$13,800	\$13,800
Total	\$81,800	\$38,900	\$16,200	\$68,900
Priority A	\$2,300	\$24,100		\$6,600
Priority B	\$14,200	\$14,900	\$16,200	\$61,800
Priority C	\$65,400			\$500
Total	\$81,800	\$38,900	\$16,200	\$68,900



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

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

Asset #: 175

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
xterior								
Exterior Walls Cast in Place Concrete	_	0-2 Crumbling, a: Through	\$41,200 Extent : Light, Ard out	LIFE ea Affecte	* * ed : 10%	5	\$77,100	A
Masonry: Brick		0-2 Crumbling,	\$88,200 Extent : Light, Are	LIFE ea Affecte	* * ed : 10%	5	\$61,600	A
Metal Panel	60%			2044	* *	5-10	\$1,271,500	A
Metal Sect. OHD	5%			2037	* *	5	\$48,200	Α
Granite Panels	10%			LIFE	* *	5	\$23,100	A
Windows Steel	Location Thermally	ted Finish, : Stairs	\$102,500 Extent : Moderate, , Extent : Moderate			5	\$12,900	A
No Component	95%	. Sidirs						D
Parapets	7570							
Cast in Place Concrete		0-2 Crumbling, a : Through	\$2,300 Extent : Light, Are out	LIFE ea Affecte	* * ed : 5%	5	\$19,300	A
Masonry: Brick	10%			LIFE	* *	5	\$500	A
Metal Panel	45%			2034	* *	5	\$8,100	Α
Metal Rail	5%			2029	* *	5-10	\$4,200	A
Roof Asphalt Macadam	Location Water Per	: Through	xtent : Light, Area			5	\$23,900	A
terior								
Floors	100/	0.0	#10.200	2027	* *	-	Φ. 7. 000	a
Asphalt Macadam	_	0-2 Crumbling, 1 : Through	\$19,300 Extent : Light, Are out	2037 ea Affecte		5	\$5,000	С
Cast in Place Concrete		0-2 Crumbling, 1 : Through	\$174,100 Extent : Light, Ard out	LIFE ea Affecte	* * ed : 10%	5	\$386,200	С
Vinyl Tile		0-2 Crumbling, a: Through	\$9,700 Extent : Severe, A	2024 rea Affec	\$32,300 rted : 40%	3	\$1,500	С

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

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

Asset #: 175

Architecture	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior							
Interior Walls							
Cast in Place Concrete	50% 0-2 Cracking/Crumbling, E Location: Throughou		LIFE , Area A	* * ffected : 20%			С
	Punct/Tear/Impact Dan Location : Throughou		ght, Area	ı Affected : 10%			
	Spalling, Extent : Mode Location : Throughou		ted : 10%	6			
Concrete Masonry Unit	25% 0-2 Cracking/Crumbling, E Location : Throughou	- C	LIFE ea Affect	* * ed : 10%	5	\$8,200	С
Masonry: Brick	15% 0-2 Cracking/Crumbling, E Location : Throughou		LIFE ea Affect	* * ed : 10%			С
SGFT/Glazed Masonry	10% 0-2 Cracking/Crumbling, E Location: Throughou		LIFE ea Affect	* * ed : 10%			С
Ceilings							
Exposed Concrete	95% Now Cracking/Crumbling, E Location : Level 1	\$145,300 Extent : Moderate	LIFE , Area A	* * ffected : 10%	5	\$29,800	В
	Recent Repair Evident, Location: Throughou	ıt					
	Water Penetration, Ext Location : Level 6	ent : Moderate, A	Area Affe	cted : 5%			
Gypsum Board	5%		LIFE	* *	5	\$12,500	В

Electrical	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Jnder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2024	\$16,200	5	\$600	В
	Other Observation, Extent: 1	Moderate, Area Affe	cted : 100%			
	Location : Next To Main O	fice				
	Explanation : One Electrica	al Service Rated At (600 Amps			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2024	\$50,500	5	\$3,900	В
Raceway						
Conduit	50%	2024	\$29,100	1		В
Conduit	50%	2044	* *	1		В
Panelboards						
Molded Case Bkrs	50%	2040	* *	5	\$2,000	В
Molded Case Bkrs	50%	2023	\$20,100	5	\$2,000	В
Wiring						
Thermoplastic	100%	2034	* *	1		В

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

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

Asset #: 175

Electrical		Current Repair		Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimate (Years)	ed Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	5%			2019	\$12,400	10	\$6,100	В
	Other Obse	ervation, Extent : Mo	oderate, A	rea Affe	ected : 100%			
	Location	: Office Area						
	Explanati	ion : T-12 Lamps						
HID	95%			2029	* *	10	\$4,100	В
Egress Lighting								
Exit, Service	50%			2019	\$9,200	1		В
Exit, Battery	50%			2019	\$46,200	10	\$4,500	В
Exterior Lighting								
HID	100%			2019	\$7,600	10	\$500	В
Alarm								
Fire/Smoke Detection								
No Component	95%							D
Generic	5%	Now \$7	73,400	2034	* *	1-3	\$4,200	В
	Not in Serv	vice, Extent : Severe,	Area Affe	cted : 1	00%			
	Location	: Office Room						

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Electricity	100%		2044	* *	1		В
Conversion Equipment							
Radiant Heater	5%		2029	* *	2	\$3,100	В
No Component	95%						D
Air Conditioning							
Energy Source							
Electricity	100%		2040	* *	1		В
Conversion Equipment							
Window/Wall Unit	5%		2022	\$13,100	1		В
No Component	95%						D
Ventilation							
Distribution							
Ductwork/Diffusers	5%		LIFE	* *	2-5	\$3,700	В
No Component	95%						D
Exhaust Fans							
Interior	5%	Now \$400	2029	* *	2	\$200	В
	Malfunctioning, Extent: Moderate, Area Affected: 50%						
	Location	: 2 Of 4 Exhaust Fans With	ı Electrica	ıl Defect			
No Component	95%						D

Plumbing

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

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

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

Asset #: 175

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2044	* *	1		В
Water Heater							
Electric	100%		2022	\$19,700	4	\$800	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Backflow Preventer							
Not Accessible	100%						D
Fixtures							
Generic	100%						В
Vertical Transport							
Elevators							
Geared Traction	100%		LIFE	* *			C
	Other Obs	ervation, Extent : Light, Area	Affected	! : 100%			
	Location	: 1-7					
	Explanat	tion: 2 Units					

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

Page: 121

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : KENT AVENUE BRIDGE COMPLEX GARAGE 1

Address : 372 KENT AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0095,000 / 551 Yr Built/Renovated : 1930 /

Area Sq Ft : 13,108 Project Type : HIGHWAYS

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

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 2453 Lot : 1 BIN : 3335960

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Electrical		\$90,100
Total		\$90,100
Priority B		\$90,100
Total		\$90,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture			\$100	
Interior Architecture	\$400		\$400	
Electrical	\$900	\$800	\$800	\$900
Mechanical	\$100	\$14,100	\$100	\$900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$5,400	\$18,800	\$5,400	\$5,800
Priority A			\$100	
Priority B	\$5,000	\$18,800	\$4,800	\$5,800
Priority C	\$400		\$400	
Total	\$5,400	\$18,800	\$5,400	\$5,800



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

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

DEPARTMENT OF TRANSPORTATION - 841 KENT AVENUE BRIDGE COMPLEX GARAGE 1

Asset #: 551

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls							
Masonry: Brick	50%		LIFE	* *	5	\$2,200	A
Masonry: Brick	50%		LIFE	* *	5	\$2,200	Α
Windows							
Aluminum	100%		2038	* *	5	\$300	A
Roof							
Metal Panel	100%		2035	* *	10	\$20,800	A
Interior							
Floors							
Cast in Place Concrete	75%		LIFE	* *	5	\$29,300	C
Ceramic Tile	5%		2031	* *	5	\$900	C
Vinyl Tile	20%		2027	* *	3	\$1,300	C
Interior Walls							
Concrete Masonry Unit	75%		LIFE	* *	5	\$500	C
Masonry: Brick	25%		LIFE	* *			C
Ceilings							
Exposed Struc: Steel	20%		LIFE	* *			В
Gypsum Board	80%		LIFE	* *	5	\$17,900	В

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts							
Switchgear / Switchboard							
Fused Disc Sw	100%		2032	* *	5	\$100	В
Raceway							
Conduit	100%		2032	* *	1		В
Panelboards							
Fused Disc Sw	5%		2030	* *	5		В
Molded Case Bkrs	95%		2030	* *	5	\$300	В
Wiring							
Thermoplastic	100%		2032	* *	1		В
Motor Controllers							
Locally Mounted	100%		2027	* *	5	\$100	В
Lighting							
Interior Lighting							
Fluorescent	100%		2022	\$22,000	10	\$10,900	В
Egress Lighting							
Emergency, Service	50%		2022	\$800	1		В
Exit, Service	50%		2022	\$800	1		В
Exterior Lighting							
HID	100%		2022	\$700	10		В
Alarm							
Security System							
No Component	50%						D
Generic	50%		2022	\$18,800	1	\$2,500	В

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

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

DEPARTMENT OF TRANSPORTATION - 841 KENT AVENUE BRIDGE COMPLEX GARAGE 1

Asset #: 551

Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Alarm							
Fire/Smoke Detection							
No Component	30%						D
Generic	70%		2022	\$90,100	1-3	\$5,800	В

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Туре		((")		
Heating								
Energy Source								_
Electricity	20%			2042	* *	1		В
Natural Gas	80%			2042	* *	1		В
Conversion Equipment								
Hot Water Boiler	80%			2035	* *	1	\$100	В
			Water, Extent: Lig	ht, Area	Affected: 80%			
	Location	: Boiler R	oom					
Radiant Heater	20%			2027	* *	2		В
Distribution								
Hot Wtr Piping/Pump	80%			2038	* *	4		В
No Component	20%							D
Terminal Devices								
Convector/Radiator	10%			2035	* *	1		В
Unit Heater-Stm/HW	70%			2027	* *	4		В
No Component	20%							D
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		В
Conversion Equipment								
Window/Wall Unit	60%			2017	\$13,900	1		В
No Component	40%				,			D
Ventilation								
Exhaust Fans								
Wall Unit	40%			2027	* *	2	\$100	В
No Component	60%						·	D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2042	* *	1		В
Water Heater								
Electric	20%			2020	\$400	4		В
No Component	80%				7			D
o no o o o o o o o o o o o o o o o o o		ervation, E	Extent : Light, Area	Affected	l : 0%			
	Location		0 / · · ·	55				
			Energy Efficient					
Sanitary Piping	1		0.00					
Cast Iron	100%			LIFE	* *	1		В
Sump Pump(s)	10070							
Rigid Piping	100%			2027	* *	4	\$1,600	В
Ingle I iping	100/0			2021		'	Ψ1,000	

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

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

DEPARTMENT OF TRANSPORTATION - 841 KENT AVENUE BRIDGE COMPLEX GARAGE 1

Asset #: 551

Mechanical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing						
Backflow Preventer						
Generic	100%	2030	* *	1	\$700	В
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			C
	Other Observation, Extent : Lig	ht, Area Affected : 100%				
	Location: 1-3					
	Explanation: 1 Unit					
Fire Suppression						
Sprinkler						
Generic	100%	2042	* *	1-2		В

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

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : MASPETH CENTRAL SHOPS

Address : 58-50 57TH ROAD

Borough : QUEENS Agency's Number : N/A

 Program / Asset #
 : DOT0096.000 / 169
 Yr Built/Renovated
 : 1949 / 1999

 Area Sq Ft
 : 111,850
 Project Type
 : HIGHWAYS

Date of Survey : 25-May-2012 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1,2

Block : 2675 Lot : 15 BIN : 4059838

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$1,072,200	\$1,090,600
Interior Architecture	\$528,100	\$246,300
Electrical		\$229,700
Mechanical	\$284,700	\$2,410,600
Total	\$1,885,000	\$3,977,200
Priority A	\$1,072,200	\$1,090,600
Priority B	\$284,700	\$2,640,300
Priority C	\$528,100	\$246,300
Total	\$1,885,000	\$3,977,200

Total	\$54,500	\$24,200	\$147,200	\$26,200
Priority C		\$3,800		\$3,800
Priority B	\$45,800	\$20,400	\$119,800	\$22,400
Priority A	\$8,800		\$27,500	
Total	\$54,500	\$24,200	\$147,200	\$26,200
Mechanical	\$27,300	\$16,700	\$51,500	\$18,700
Electrical	\$18,500	\$3,700	\$60,800	\$3,800
Interior Architecture		\$3,800	\$7,500	\$3,800
Exterior Architecture	\$8,800		\$27,500	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



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

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

Asset #: 169

Architecture	Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls					_	4.2.000	
Cast in Place Concrete	5%		LIFE	* *	5	\$43,900	A
Concrete Masonry Unit	60% 25% Now	\$251,200	LIFE	* *	5	\$65,900 \$42,000	A
Masonry: Brick	25% Now Jnt Mortar Miss/Erod	\$251,200 1 Extent : Modera	LIFE		5	\$43,900	A
	Location: Through		ie, meu r	ijjecieu . 2570			
Metal Coiling Doors	10%		2028	* *	5	\$54,900	A
Windows	1070		2020			Ψ5-1,700	А
Steel	100% Now Corrosion/Rusting, E Location: Through	out			5	\$147,500	A
	Glazing Broken/Crac Location: Through Thermally Inefficient, Location: Through	out , Extent : Moderate					
Parapets	Location : Through	Out					
Metal: Cage/Fence	25% Now Corrosion/Rusting, E Location: Through		2028 Area Affe	* * cted : 50%	5	\$7,500	A
	Deteriorated Finish, Location: Through		Area Aff	ected : 50%			
No Component	75%						D
Roof							
Modified Bitumen	100% Now Blisters, Extent: Mod Location: South Sid Water Penetration, E. Location: Shops	de		\$789,400 cted: 10%			A
nterior							
Floors Cast in Place Concrete	75% Now Cracking/Crumbling, Location: Shops	\$221,900 Extent : Moderate	LIFE e, Area A <u>j</u>	* * fected : 25%	5	\$246,300	C
Ceramic Tile	5%		2032	* *	5	\$7,500	С
Vinyl Tile	20% Now	\$241,900	2033	* *	3	\$11,300	C
· • • • • • • • • • • • • • • • • • • •	Broken/Missing Elem Location : Second H	ents, Extent : Mod Floor Corridor And	lerate, Ar l Offices			. = =,= 30	-
	Cracking/Crumbling, Location: Second I	Floor Corridor And	l Offices				
	Other Observation, E Location: Second F Explanation: 9x9 T	Floor Corridors An					

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

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

Asset #: 169

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Concrete Masonry Unit	75%			LIFE	* *	5	\$18,300	C
Concrete Masonry Unit	5%	Now	\$64,200	LIFE	* *	5	\$1,200	C
	Broken/Mi	ssing Elem	ents, Extent : Seve	re, Area	Affected : 30%			
	Location	: Wall Adj	acent To Ramp At	58th Pla	ce Entrance			
	Punct/Tea	r/Impact D	amage, Extent : Se	vere, Are	ea Affected : 30%			
	Location	: Wall Adj	acent To Ramp At	58th Pla	ce Entrance			
Glass: Single Pane	5%			LIFE	* *	5	\$2,300	С
Gypsum Board	5%			LIFE	* *	5	\$1,800	C
Masonry: Brick	10%			LIFE	* *			C
Ceilings								
AcousTileSusp.Lay-In	10%			2028	* *	5	\$15,000	В
Exposed Concrete	60%			LIFE	* *	5	\$14,100	В
Exposed Struc: Steel	10%			LIFE	* *			В
Plaster	20%			LIFE	* *	5	\$18,800	В

ectrical	Current Repair	Future Re	placement	M	aintenance				
stem Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
der 600 Volts									
Service Equipment									
Fused Disc Sw	25%	2023	\$4,100	5	\$100	В			
	Other Observation, Extent: Ma Location: Electrical Room 3		! : 100%						
	Explanation : No Ratings Ava	ailable							
Fused Disc Sw	25%	2023	\$4,100	5	\$100	В			
	Other Observation, Extent: Me	oderate, Area Affected	! : 100%						
	Location : Electrical Room 2								
	Explanation : Service Switch	Rated @ 600 Ampere.	S						
Fused Disc Sw	50%	2023	\$8,100	5	\$200	В			
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Electrical Room 1								
	Explanation: Service Switch	Rated @ 3000 Amper	es						
Switchgear / Switchboard									
Fused Disc Sw	80%	2023	\$40,400	5	\$400	В			
Molded Case Bkrs	20%	2023	\$10,100	5	\$600	В			
Raceway									
Conduit	50%	2023	\$29,100	1		В			
Conduit	50%	2033	* *	1		В			
Panelboards									
Fused Disc Sw	5%	2022	\$2,000	5	\$100	В			
Molded Case Bkrs	60%	2031	* *	5	\$1,800	В			
Molded Case Bkrs	35%	2022	\$14,100	5	\$1,000	В			

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

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

Asset #: 169

Electrical	Current Repair	Future	Replacement	M	aintenance			
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Inder 600 Volts								
Wiring								
Braided Cloth	30% 2-4	\$13,400 2048	**	1		В		
	Insulation Aged, Extent: M		d: 100%					
	Location: Throughout The							
Thermoplastic	50%	2033	* *	1		В		
Thermoplastic	20%	2023	\$9,000	1		В		
Motor Controllers	1000/	2021	Φ 5 6 000	_	\$900	D		
Locally Mounted	100%	2021	\$56,000	5	\$800	В		
Ground Grounding Devices								
Not Accessible	50%					D		
Generic	50%	LIFE	* *	5	\$800	В		
Lighting					4000			
Interior Lighting								
Fluorescent	98%	2031	* *	10	\$90,100	В		
	Other Observation, Extent:		cted : 100%					
	Location: Throughout Th	e Building						
	Explanation: T-8 Lamps							
HID	2%	2031	* *	10	\$100	В		
Egress Lighting								
Emergency, Battery	50%	2018	\$17,300	10	\$12,100	В		
Exit, Service	50%	2018	\$6,900	1		В		
Exterior Lighting	400	• • • •		_	4.00	_		
Incandescent	100%	2018	\$20,600	2	\$200	В		
Alarm								
Security System No Component	70%					D		
Generic	30%	2031	* *	1	\$12,500	В		
Generic	Other Observation, Extent :			1	\$12,300	Ь		
	Location : Corridors	moderate, med rijje	cica : 10070					
	Explanation : CCTV Surve	eillance Cameras						
Fire/Smoke Detection								
No Component	70%					D		
Generic	30%	2031	* *	1-3	\$21,300	В		
-	Other Observation, Extent :		cted : 100%	-	. ,			
	Location: 1st Floor							
	Explanation : Fire Alarm	Control Panel And Al	larm Bells					

Mechanical	Cu	urrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Natural Gas	20%		2033	* *	1		В
Interruptible Gas/Dual	80%		2033	* *	1		В
Fuel							

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

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

Asset #: 169

Mechanical	Current Repair	Future	Replacement	Maintenance					
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Heating									
Conversion Equipment	2004	2022	Ф22.200		ФО ООО	ъ.			
Furnace	20% Other Observation, Extent: Light, Are	2023	\$23,200	1	\$9,900	В			
	Location: Roof	а Ајјестеа	20%						
	Explanation: 2 Roof Top Package U	nits							
Steam Boiler	80% Now \$37,000	2028	* *	1	\$71,500	В			
Steam Boner	Malfunctioning, Extent: Severe, Area		10%	•	Ψ/1,500	Ь			
	Location : Control Panel	33							
	Other Observation, Extent : Light, Are	a Affected	: 80%						
	Location: 1st Floor Boiler Room								
	Explanation: 2 Units								
Distribution			***			_			
Steam Piping/Pump	80%	2023	\$530,900	4	\$4,000	В			
No Component	20%					D			
Terminal Devices Air Handler	40% Now \$205,000	2033	* *	1	\$22,300	В			
All Handler	Not in Service, Extent: Severe, Area A			1	\$22,300	D			
	Location: Roof	gjeciea . Sc	,,,0						
	Other Observation, Extent : Severe, A	rea Affected	l : 40%						
	Location : Roof	33							
	Explanation: 12 Damaged And Corn	oded Old U	Units						
Convector/Radiator	10%	2028	* *	1	\$3,200	В			
Fan Coil Unit/Heat	30% Now \$42,700	2023	\$427,000	1	\$8,700	В			
	Broken, Extent : Moderate, Area Affec								
	Location: Fan Motors In Units Not	Operating							
No Component	20%					D			
Air Conditioning									
Energy Source	1000/	2021	ale ale			ъ.			
Electricity	100%	2031	* *	1		В			
Conversion Equipment Ext Pkg Unit -	20%	2023	\$125,400	2	\$1,200	В			
Heating/Cooling	2070	2023	\$125,400	2	\$1,200	Б			
Treating, Cooming	Other Observation, Extent : Light, Area Affected : 20%								
	Location : Roof	30							
	Explanation: 2 Roof Top Package U	nits							
Window/Wall Unit	10%	2018	\$19,500	1		В			
No Component	70%					D			
Ventilation									
Distribution	40004 37			2 -	4				
Ductwork/Diffusers	100% Now \$16,400	LIFE	* *	2-5	\$55,900	В			
	Damaged, Extent : Moderate, Area Aff Location : Auto Repair Shop	eciea : 5%							
	Needs Cleaning, Extent: Moderate, A	raa Affactaa	1 · 100%						
	Needs Cleaning, Extent Modernie At								

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

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

Asset #: 169

Mechanical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation								
Exhaust Fans								
Roof	100%	Now	\$7,600	2023	\$75,600	2	\$2,500	В
	Not in Ser	vice, Exten	t : Severe, Area Aff	^c ected : 1	5%			
	Location	: Roof						
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		В
Galv Iron/Steel	50%			2021	\$141,900	1		В
Water Heater								
Electric	5%			2021	\$700	4		В
Gas Fired	40%			2018	\$8,800	2	\$600	В
No Component	55%							D
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%			2023	\$1,109,800	1-2	\$28,100	В

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

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : QUEENS BOROUGH HALL - GARAGE

Address : 80-25 126TH STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0090.000 / 172 Yr Built/Renovated : 1962 /

Area Sq Ft : 317,969 Project Type : HIGHWAYS

Date of Survey : 25-Sep-2013 Landmark Status : NONE

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

Block : 9657 Lot : 1 BIN : 4206524

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$2,137,500	\$404,800
Interior Architecture	\$4,582,000	\$500,500
Electrical		\$873,500
Mechanical		\$42,500
Total	\$6,719,500	\$1,821,300
Priority A	\$2,137,500	\$404,800
Priority B	\$3,037,200	\$981,600
Priority C	\$1,544,800	\$434,800
Total	\$6,719,500	\$1,821,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$15,000			
Interior Architecture	\$28,700			\$1,600
Electrical	\$3,300	\$2,400	\$2,400	\$6,600
Mechanical	\$5,900	\$2,100	\$1,400	\$2,100
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$56,900	\$8,400	\$7,800	\$14,300
Priority A	\$15,000			
Priority B	\$36,900	\$8,400	\$7,800	\$12,600
Priority C	\$5,000			\$1,600
Total	\$56,900	\$8,400	\$7,800	\$14,300



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

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

Asset #: 172

Architecture	Current Repair		Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
xterior	•		•	•			•
Exterior Walls							
Cast in Place Concrete	20% Now Exposed Reinforceme Location: North Fa Spalling, Extent: Mo Location: North Fa	cade derate, Area Affec			5	\$107,400	A
Glazed Ceramic Panel	40% Now Broken/Missing Elem Location: Northeas Cracking/Crumbling, Location: Through Misaligned/Bulging, Location: Through	t Corner Extent : Severe, A out Extent : Moderate,	rea Affec	ted : 20%	5	\$201,400	A
Masonry: Brick Cavity	30% Now Jnt Mortar Miss/Eroc Location: North Fa Spalling, Extent: Mo Location: North Fa	cade derate, Area Affec			5	\$32,200	A
Metal: Cage/Fence	10%		2030	* *	5	\$47,000	A
Parapets						•	
Cast in Place Concrete	45%		LIFE	* *	5	\$119,700	A
Glazed Ceramic Panel	30%		2045	* *	5-10	\$40,900	A
Masonry: Brick Cavity	20%		LIFE	* *	5-10	\$17,600	A
Metal Panel	5%		2035	* *	5	\$2,500	A
Roof							
Traffic Topping	100% Now Expansion Int Failur Location: Over Fir Gut/DS Non Func/Mi Location: Through Vegetation Growth, E Location: Through Water Penetration, E Location: Over Fir Worn/Eroded, Extent Location: Through Other Observation, E Location: Roof Lev	st Level sss, Extent : Moder out Extent : Severe, Are out xtent : Severe, Are st Level : Severe, Area Aff out xtent : Severe, Are	ate, Area ca Affecte a Affecteo ected : 50	Affected: 25% ed: 50% d: 40%			A

Asset #: 172

rchitecture	Current F	Current Repair		Future Replacement		Maintenance				
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
terior										
Floors										
Cast in Place Concrete	10% Now	\$128,000	LIFE	* *	5	\$94,700	C			
	Broken/Missing Elem	ents, Extent : Mod	erate, Are	ea Affected : 25%						
	Location : Stairs	Entered M. James	. 4 4 6	C4-1-250/						
	Cracking/Crumbling, Location: Stairs	Extent . Moderate	с, Агеи Ајј	eciea . 2576						
	Other Observation, E	xtent : Moderate	Area Affe	cted : 100%						
	Location : Level Tw		nearyje.							
	Explanation : Stairs	From Level Two	To Roof L	evel Are Not In U	se.					
Traffic Topping	87% Now	\$1,328,700	2030	* *	5	\$235,400	С			
11 0	Cracking/Crumbling, Location: Through	Extent: Moderate	e, Area Afj	fected : 30%		. ,				
	Deteriorated Finish, Location: Through		ea Affecte	ed : 50%						
	Uneven Substrate, Extent : Moderate, Area Affected : 25%									
	Location : Through	out								
	Water Penetration, E.		a Affectea	!: 25%						
	Location: Through									
	Other Observation, E		a Affected	1:50%						
	Location : Through Explanation : Expan									
Vinyl Tile	3%	ision Joini Patture	2025	\$104,700	3	\$6,500	С			
Interior Walls	370		2023	\$104,700		\$0,500				
Cast in Place Concrete	85%		LIFE	* *	10	\$88,100	C			
Concrete Masonry Unit	12%		LIFE	* *	5	\$4,000	Č			
Gypsum Board	3%		LIFE	* *	5-10	\$2,100	C			
Ceilings										
AcousTileSusp.Lay-In	3%		2030	* *	5	\$13,000	В			
Exposed Concrete	92% Now	\$3,037,200	LIFE	* *	5	\$62,200	В			
	Cracking/Crumbling, Location: Through		e, Area Afj	fected : 15%						
	Exposed Reinforceme Location : Level 2	nt, Extent : Severe	, Area Aff	fected : 15%						
	Misaligned/Bulging,		ea Affecte	ed: 20%						
	Location: Levels 2	And 3								
	Location : Levels 2 Water Penetration, E. Location : Level 2		a Affected	! : 50%						

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

Under 600 Volts

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

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

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

Asset #: 172

Electrical	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2025	\$33,100	5	\$1,400	В
	Other Observation, Extent : M	Ioderate, Area Affec	ted : 100%			
	Location : Electrical Room					
	Explanation : No Nameplate	Ratings Available				
Switchgear / Switchboard				_		_
Molded Case Bkrs	100%	2025	\$121,100	5	\$8,400	В
Raceway	1000/	2025	44.70.000			-
Conduit	100%	2025	\$158,000	1		В
Panelboards	1000/	2024	4102 200	_	40.400	-
Molded Case Bkrs	100%	2024	\$103,200	5	\$8,400	В
Wiring	1000/	2025	4133 7 00			-
Thermoplastic	100%	2025	\$123,500	1		В
Ground						
Grounding Devices Not Accessible	1000/					D
	100%					D
Lighting						
Interior Lighting Fluorescent	2%	2025	\$10,700	10	\$5,300	В
Puorescent	Other Observation, Extent : M			10	\$5,500	Ъ
	Location : Office	roacraic, rirea rijjeei	ica : 10070			
	Explanation: T-12 Lamps					
HID	98%	2025	\$145,400	10	\$9,200	В
Egress Lighting	9870	2023	\$143,400	10	\$9,200	ъ
Exit, Service	100%	2025	\$39,900	1		В
Exterior Lighting	10070	2023	ψ37,700			
HID	100%	2020	\$16,200	10	\$1,000	В
Alarm	10070	2020	Ψ10,200	10	Ψ1,000	В
Security System						
No Component	80%					D
Generic	20%	2020	\$182,400	1	\$23,800	В
- · · · ·	Other Observation, Extent : M			-	,, 0	•
	Location : Ground Floor					
	Explanation: (8) C C T V S	Surveillance Cameras	S			

Mechanical	Current Repair	Future Repl	acement	Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Estim FY	aated Cost Cyc	ele Estimated Cost	Priority Code
Heating					
Energy Source					
Electricity	100%	2035	** 1		В

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

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

Asset #: 172

Mechanical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating	•		•				
Conversion Equipment							
Heat Pump	5%		2026	* *	2		В
		ervation, Extent : Light, Area	a Affected	: 5%			
		: Management Office					
		tion: 1 Package Unit					
No Component	95%						D
Air Conditioning							
Energy Source							
Electricity	100%		2041	* *	1		В
Conversion Equipment							
Heat Pump	5%		2026	* *	2	\$900	В
	-	gerant, Extent : Light, Area	Affected :	5%			
	Location	: Management Office					
No Component	95%						D
Heat Rejection							
Remote Air Cond	5%		2025	\$4,100	2	\$10,100	В
No Component	95%						D
Ventilation							
Distribution							
Ductwork/Diffusers	5%		LIFE	* *	2-5	\$12,800	В
No Component	95%						D
Exhaust Fans							
Interior	5%		2030	* *	2	\$400	В
No Component	95%						D
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2035	* *	1		В
Water Heater							
Electric	100%		2020	\$42,500	4	\$2,500	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		В
Fixtures							
Generic	100%						В
Vertical Transport							
Elevators							
Hydraulic	100%		LIFE	* *			C
		ervation, Extent : Light, Area	a Affected	: 100%			
	Location						
	Explana	tion : One Unit					
Fire Suppression							
Standpipe							
Generic	100%		2025	\$9,800	1-5	\$1,500	В

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

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

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : OUEENS FAMILY COURT GARAGE

Address : 150-07 ARCHER AVENUE

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0207,000 / 14320 Yr Built/Renovated : 1990 /

Area Sq Ft : 74,000 Project Type : HIGHWAYS

Date of Survey : 03-Dec-2013 Landmark Status : NONE

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

Block : 10092 Lot : 6 BIN : 4215603

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Interior Architecture	\$350,500	\$165,300
Total	\$350,500	\$165,300
Priority B	\$201,500	
Priority C	\$149,000	\$165,300
Total	\$350,500	\$165,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$74,000		\$22,400	
Interior Architecture	\$9,200		\$5,800	\$300
Electrical	\$2,300	\$1,400	\$1,400	\$1,400
Mechanical		\$500		\$500
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Total	\$90,500	\$6,800	\$34,500	\$7,100
Priority A	\$74,000		\$22,400	
Priority B	\$7,300	\$6,800	\$6,300	\$6,800
Priority C	\$9,200		\$5,800	\$300
Total	\$90,500	\$6,800	\$34,500	\$7,100



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

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

DEPARTMENT OF TRANSPORTATION - 841 QUEENS FAMILY COURT GARAGE

Asset #: 14320

rchitecture		Current Rep	air	Futur	e Replacement	M	aintenance		
ystem Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
xterior									
Exterior Walls									
Cast in Place Concrete	20%			LIFE	* *	5	\$55,600	A	
Concrete Masonry Unit	20%			LIFE	* *	5	\$6,900	A	
Exposed Struc: Steel	8%			LIFE	* *	5	\$13,900	A	
Masonry: Brick	15%			LIFE	* *	5	\$8,300	A	
Metal Panel	5%			2045	* *	5-10	\$9,600	A	
Metal Sect. OHD	2%			2038	* *	5	\$1,700	A	
Metal: Cage/Fence	25%			2038	* *	5	\$30,400	A	
Window Wall	5%			2045	* *	5	\$5,200	Α	
Parapets									
Cast in Place Concrete	20%			LIFE	* *	5	\$8,200	A	
Masonry: Brick	10%			LIFE	* *	5-10	\$1,400	Α	
Metal: Cage/Fence	70%			2038	* *	5-10	\$10,800	A	
Roof									
Cast in Place Concrete	95%	Now	\$26,400	LIFE	* *			A	
	_	Crumbling, Ex : Throughout	tent : Moderate	, Area Ą	ffected : 15%				
Single Ply Membrane	5%			2030	* *	10	\$2,100	A	
terior							•		
Floors									
Asphalt Macadam	23%			2038	* *	5	\$11,600	C	
Cast in Place Concrete	75%	Now	\$149,000	LIFE	* *	5	\$165,300	C	
	Cracking/	Crumbling, Ex	tent : Moderate	, Area Ą	ffected : 25%				
	Location	: Throughout							
Vinyl Tile	2%			2025	\$16,200	3	\$1,000	С	
Interior Walls					, -,		, ,		
Cast in Place Concrete	25%			LIFE	* *	10	\$6,000	С	
Concrete Masonry Unit	75%			LIFE	* *	5	\$5,800	C	
Ceilings							+-,		
Exposed Struc: Steel	100%			LIFE	* *	10	\$201,500	В	

lectrical	Current Repair	ir Future Replacement			Maintenance		
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estima	nted Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
nder 600 Volts							
Service Equipment							
Fused Disc Sw	100%	2045	* *	5	\$300	В	
	Other Observation, Extent: Mod	lerate, Area Affected : 1	00%				
	Location: Electrical Room						
	Explanation : Main Service Sw	itch Rated @ 800 Ampe	res				
Switchgear / Switchboard							
Molded Case Bkrs	100%	2045	* *	5	\$1,900	В	
Raceway							
Conduit	100%	2045	* *	1		В	

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

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

DEPARTMENT OF TRANSPORTATION - 841 QUEENS FAMILY COURT GARAGE

Asset #: 14320

Electrical	Current Rep	pair Future	Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Year F FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Inder 600 Volts						
Panelboards						
Fused Disc Sw	10%	2041	* *	5	\$200	В
Molded Case Bkrs	90%	2041	* *	5	\$1,800	В
Wiring						
Thermoplastic	100%	2045	* *	1		В
Ground						
Grounding Devices						
Not Accessible	100%					D
Lighting						
Interior Lighting						
Fluorescent	5%	2030	* *	10	\$3,100	В
	=	derate, Area Affected : 100)%			
	Location : Office					
HID	95%	2030	* *	10	\$2,100	В
Egress Lighting						
Emergency, Battery	75%	2030	* *	10	\$12,200	В
Exit, Service	25%	2030	* *	1		В
Exterior Lighting						
HID	100%	2030	* *	10	\$200	В
Alarm						
Security System						
No Component	50%					D
Generic	50%	2030	* *	1	\$13,800	В
	Other Observation, Exte	ent : Moderate, Area Affect	ed : 100%			
	Location: Inside And	Outside				
	Explanation: 16 CCT	V Surveillance Cameras				
Fire/Smoke Detection						
No Component	95%					D
Generic, Analog	5%	2030	* *			В
		ent : Moderate, Area Affect	ed : 100%			
	Location : Electrical I	•				
	Explanation: Smoke I	Detector				

Mechanical	Current Repair	Future R	Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Electricity	100%	2035	* *	1		В
Conversion Equipment						
Radiant Heater	5%	2020	\$100	2		В
	Other Observation, Extent : Light, Ar	ea Affected : 2	2%			
	Location: Pay Booths					
	Explanation: 2 Units					
No Component	95%					D

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

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

DEPARTMENT OF TRANSPORTATION - 841 QUEENS FAMILY COURT GARAGE

Asset #: 14320

Mechanical	Current Repair	Future Re	placement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Distribution						
Ductwork/Diffusers	3%	LIFE	* *	2-5		В
No Component	97%					D
Terminal Devices						_
Fan Coil Unit/Heat	3%	2025		1		В
No Component	97%					D
Air Conditioning						
Energy Source	1000/	2022	* *	1		D
Electricity	100%	2033		1		В
Conversion Equipment	20/	2023	¢100	2	\$100	D
Heat Pump	3% R-22 Refrigerant, Extent : Lig		\$100	2	\$100	В
	Location : Office	nı, Area Ajjeciea . 570				
	Other Observation, Extent : L	ight Area Affacted , 20	/			
	Location : Office	igni, Area Ajjeciea . 57	o			
	Explanation: 1 Unit - Provi	ding Roth Heating and	Cooling For I	Office On	ls.	
XX/' 1 /XX/ 11 T Y ',					ıy	D.
Window/Wall Unit	2%	2020	\$2,600	1		В
No Component	95%					D
Heat Rejection Air Condenser Unit	50/	2025	¢200	2	¢2 200	D
No Component	5% 95%	2025	\$300	2	\$2,300	B D
Plumbing	93%					ע
H/C Water Piping						
Brass/Copper	3%	2035	* *	1		В
No Component	97%	2033		1		D
Water Heater	<i>317</i> 0					
Electric	5%	2020	\$500	4		В
No Component	95%	2020	Ψ200	•		D
Sanitary Piping	70,0					
Cast Iron	5%	LIFE	* *	1		В
No Component	95%	211 2		-		D
Storm Drain Piping						
Cast Iron	100%	LIFE	* *	1		В
Backflow Preventer						
Not Accessible	100%					D
Fixtures						
Generic	100%					В
Vertical Transport						
Elevators						
Hydraulic	100%	LIFE	* *			C
	Other Observation, Extent : L	ight, Area Affected : 10	0%			
	Location: G-6					
<u></u>	Explanation: 1 Unit					
Fire Suppression						· · · · · · · · · · · · · · · · · · ·
Standpipe						
Generic	100%	2035	* *	1-5	\$300	В

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

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

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : STATEN ISLAND COURTHOUSE GARAGE

Address : 54 CENTRAL AVE.

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOT0210.000 / 14557 Yr Built/Renovated : 2010 /
Area Sq Ft : 225,000 Project Type : HIGHWAYS

Date of Survey : 24-Feb-2012 Landmark Status : NONE

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

Block : 6 Lot : 21 BIN : 5151736

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$85,200	\$2,116,500
Interior Architecture		\$678,900
Mechanical		\$50,000
Total	\$85,200	\$2,845,400
Priority A	\$85,200	\$2,116,500
Priority B		\$94,800
Priority C		\$634,100
Total	\$85,200	\$2,845,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture				_
Interior Architecture	\$5,000			\$800
Electrical	\$5,500	\$5,500	\$11,400	\$5,500
Mechanical	\$11,500	\$50,600	\$53,500	\$46,800
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$33,800	\$67,900	\$76,700	\$64,900
Priority A				
Priority B	\$28,800	\$67,900	\$76,700	\$64,100
Priority C	\$5,000			\$800
Total	\$33,800	\$67,900	\$76,700	\$64,900



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

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

DEPARTMENT OF TRANSPORTATION - 841 STATEN ISLAND COURTHOUSE GARAGE

Asset #: 14557

Architecture		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls							
Cast in Place Concrete	7%		LIFE	* *	5	\$159,000	A
Cast in Place Concrete	70%		LIFE	* *	5	\$1,590,400	A
Masonry: Limestone	3%		LIFE	* *	5	\$10,200	Α
Metal: Cage/Fence	10%		2040	* *	5	\$198,800	A
Window Wall	10%		2049	* *	5	\$170,400	A
Windows							
Aluminum	100%		2045	* *	5	\$61,000	A
Parapets							
Cast in Place Concrete	100%		LIFE	* *	5	\$83,000	A
Roof							
Cast in Place Concrete	100%		LIFE	* *			A
Interior							
Floors							
Cast in Place Concrete	96%		LIFE	* *	5	\$634,100	C
Ceramic Tile	2%		2036	* *	5	\$6,000	C
Vinyl Tile	2%		2031	* *	3	\$3,000	C
Interior Walls							
Cast in Place Concrete	80%		LIFE	* *			C
Ceramic Tile	2%		2036	* *	5	\$2,500	C
Concrete Masonry Unit	10%		LIFE	* *	5	\$4,900	C
Gypsum Board	2%		LIFE	* *	5	\$1,500	C C
Metal: Cage/Fence	6%		LIFE	* *			C
Ceilings							
AcousTileSusp.Lay-In	5%		2040	* *	5	\$15,100	В
Exposed Concrete	95%		LIFE	* *	5	\$44,800	В

ectrical	Current Repair	Future Repla	cement	М	aintenance	
stem Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
der 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2053	* *	5	\$1,000	В
	Other Observation, Extent : Moderat	te, Area Affected : I	00%			
	Location: Electrical Room					
	Explanation: One 1200 Amps Main	n Disconnect Switch	h			
Switchgear / Switchboard						
Fused Disc Sw	100%	2053	* *	5	\$1,000	В
Raceway						
Conduit	100%	2053	* *	1		В
Panelboards						
Fused Disc Sw	10%	2048	* *	5	\$500	В
Molded Case Bkrs	90%	2048	* *	5	\$5,300	В
Wiring						
Thermoplastic	100%	2053	* *	1		В

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

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

DEPARTMENT OF TRANSPORTATION - 841 STATEN ISLAND COURTHOUSE GARAGE

Asset #: 14557

Electrical	Current Repair	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Under 600 Volts							
Motor Controllers							
Locally Mounted	100%	2043	* *	5	\$1,500	В	
Ground							
Grounding Devices							
Generic	100%	LIFE	* *	5	\$3,300	В	
Lighting							
Interior Lighting							
Fluorescent	10%	2033	* *	10	\$18,500	В	
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%				
	Location: Office, Staircase, Mechani	cal Rm. &	& Electrical Rm.				
	Explanation: T-8 Lamps						
HID	90%	2033	* *	10	\$5,900	В	
Egress Lighting							
Emergency, Battery	50%	2033	* *	10	\$24,300	В	
	Other Observation, Extent : Moderate,	Area Affe	ected : 100%				
	Location: Electrical Room						
	Explanation: Emergency Battery Pov	er Suppl	ies - Lighting & El	evators			
Exit, Service	50%	2033	* *	1		В	
Exterior Lighting							
HID	100%	2033	* *	10	\$700	В	
Alarm							
Security System							
No Component	80%					D	
Generic	20%	2033	* *	1	\$16,800	В	
Fire/Smoke Detection					. ,		
No Component	70%					D	
Generic	30%	2033	* *	1-3	\$41,600	В	

Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos	st Cycle Estimated Cost (Yrs)	Priority Code
Heating				
Energy Source				
Electricity	100%	2053 *	* 1	В
Conversion Equipment				
Heat Pump	40%	2027 *	* 2 \$25,000	В
Radiant Heater	60%	2031 *	* 2 \$56,100	В
	Other Observation, Extent: Light, Area	a Affected : 60%		
	Location: Garage Office And Rest R	ooms		
	Explanation: Electric Base Board An	nd Unit Heaters		
Air Conditioning				
Energy Source				
Electricity	100%	2045 *	* 1	В
Conversion Equipment				
Heat Pump	40%	2027 *	* 2 \$4,900	В
No Component	60%			D

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

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

DEPARTMENT OF TRANSPORTATION - 841 STATEN ISLAND COURTHOUSE GARAGE

Asset #: 14557

Mechanical	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning							
Terminal Devices	1000/		2021	de de		Φ. 	
Fan Coil - Cooling	100%		2031	**	1	\$65,200	В
	Other Observation, E. Location : Garage O	_					
	Explanation : Split U		r Е <i>qи</i> ірт	ені коот			
Heat Rejection	Explanation : Spin C	nu Evaporators					
Remote Air Cond	60%		2031	* *	2	\$84,300	В
Remote An Cond	Other Observation, E.	xtent : Light, Area		: 60%	2	\$64,500	Б
	Location : Garage (_					
	Explanation : Split \(\)		1 1				
No Component	40%						D
Ventilation	1070						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$112,500	В
Exhaust Fans							
Interior	100%		2031	* *	2	\$6,200	В
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2053	* *	1		В
Water Heater	400						_
Not Accessible	100%						D
Sanitary Piping	1000/		LIEE	* *	1		D
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping Cast Iron	1000/		LIFE	* *	1		В
Backflow Preventer	100%		LIFE		1		D
Generic	100%		2033	* *	1	\$12,400	В
Fixtures	10070		2033		1	Ψ12,400	
Generic	100%						В
Vertical Transport	20070						
Elevators							
Hydraulic	100%		LIFE	* *			C
•	Other Observation, E.	xtent : Light, Area	Affected	: 100%			
	Location: Northeas	-	ge .				
	Explanation: 2 Unit	ts					
Fire Suppression							
Standpipe							
Generic	100%		2053	* *	1-5	\$101,700	В

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : STATEN ISLAND SIGN SHOP

Address : 34 WAVE STREET BTWN BAY ST. - S.I. RAILWAY

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOT0219.000 / 14717 Yr Built/Renovated : 1951 /

Area Sq Ft : 12,800 Project Type : HIGHWAYS

Date of Survey : 19-Feb-2014 Landmark Status : NONE

Areas Surveyed : Roof, Floors 1

Block : 489 Lot : 48 BIN : 5013187

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$36,700	
Interior Architecture	\$101,200	\$35,700
Total	\$137,800	\$35,700
Priority A	\$36,700	
Priority B	\$101,200	
Priority C		\$35,700
Total	\$137,800	\$35,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$17,600		\$1,200	
Interior Architecture	\$40,600		\$100	\$100
Electrical	\$300	\$100	\$300	\$100
Mechanical	\$4,800	\$1,200	\$2,700	\$900
Total	\$63,300	\$1,300	\$4,400	\$1,100
Priority A	\$17,600		\$1,200	
Priority B	\$5,100	\$1,300	\$3,100	\$1,000
Priority C	\$40,600		\$100	\$100
Total	\$63,300	\$1,300	\$4,400	\$1,100



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

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

DEPARTMENT OF TRANSPORTATION - 841 STATEN ISLAND SIGN SHOP

Asset #: 14717

Architecture	C	urrent Re	oair	Futur	e Replaceme	nt	M	aintenance	
System Component Type		ail Date E Years)	Sstimated Cost	Year FY	Estimated (Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior									
Exterior Walls Concrete Masonry Unit	10% Cracking/Cr Location:	_	\$5,900 xtent : Light, Arc	LIFE ea Affecte	ed : 10%	* *	5	\$900	A
Masonry: Brick	85%	0-2 umbling, E	\$36,700 xtent : Light, Arc	LIFE ea Affecte	ed : 10%	* *	5	\$12,800	A
Metal Sect. OHD	5%			2038		* *	5	\$2,400	A
Windows Aluminum	100% Recent Repa Location :		Extent : Light, A	2050 rea Affed	cted : 100%	* *	5	\$2,000	A
Parapets									
Cast Stone/Terra Cotta	10%			LIFE		* *	5-10	\$4,500	A
Masonry: Brick Roof	90%			LIFE		* *	5-10	\$9,900	A
Not Accessible	100%								D
Interior									
Floors Cast in Place Concrete	95% Cracking/Cr Location:		\$32,200 xtent : Light, Ard t	LIFE ea Affecte	ed : 10%	* *	5	\$35,700	С
Quarry Tile	1%			2038		* *	5	\$300	С
Vinyl Tile	4%	_	\$600 xtent : Light, Ard t	2030	ed : 10%	* *	3	\$300	C
Interior Walls									
Cast in Place Concrete	5%	2.4	Φ7.000	LIFE		* *	10	\$900	C
Concrete Masonry Unit	95% Cracking/Cr Location:		\$7,000 xtent : Light, Ard t	LIFE ea Affecte	ed : 10%	* *	5	\$2,700	С
Ceilings									
AcousTileSusp.Lay-In	1% Recent Repla Location :		, Extent : Light, t	2045 Area Affa	ected : 100%	* *	5	\$200	В
Exposed Struc: Wood			\$101,200 ent : Light, Area t	LIFE Affected	: 5%	* *			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

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

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

DEPARTMENT OF TRANSPORTATION - 841 STATEN ISLAND SIGN SHOP

Asset #: 14717

Electrical	Current Repai	r Future	e Replacement	M		
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Molded Case Bkrs	100%	2035	* *	5	\$300	В
	Other Observation, Extent	: Moderate, Area Affe	cted : 100%			
	Location : Office					
	Explanation: 100 Amps					
Switchgear / Switchboard	1000/	2025	* *	_	Ф200	ъ
Molded Case Bkrs	100%	2035	* *	5	\$300	В
Raceway	1000/	2025	* *	1		D
Conduit	100%	2035	* *	1		В
Panelboards Moldad Coss Plans	1000/	2022	* *	_	\$200	D
Molded Case Bkrs	100%	2033		5	\$300	В
Wiring	1000/	2025	* *	1		D
Thermoplastic	100%	2035		1		В
Motor Controllers	1000/	2038	* *	5	\$100	D
Locally Mounted	100%	2038		5	\$100	В
Grounding Davisos						
Grounding Devices Generic	100%	LIFE	* *	5	\$400	В
Generic	Other Observation, Extent		cted · 100%	3	φ400	Ъ
	Location: Water Main	. moderate, med nyje	. 10070			
	Explanation : Water Mai	n				
Lighting	· T	<u>·</u>				
Interior Lighting						
Fluorescent	90%	2025	\$19,100	10	\$9,500	В
	T-12 Lamps, Extent: Mode	erate, Area Affected : 1	100%			
	Location: Throughout					
Fluorescent	10%	2030	* *	10	\$1,100	В
	T-8 Lamps, Extent : Moder		0%		, ,	
	Location: Office					
Egress Lighting						
Exit, Service	50%	2025	\$800	1		В
Exit, Battery	50%	2025	\$4,000	10	\$400	В
Exterior Lighting						
HID	100%	2020	\$700	10		В
Alarm						
Security System						
No Component	80%					D
Generic	20%	2030	* *	1	\$1,000	В
Fire/Smoke Detection						
No Component	80%					D
Generic, Analog	20%	2020	\$25,100			В

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

Heating

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

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

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

DEPARTMENT OF TRANSPORTATION - 841 STATEN ISLAND SIGN SHOP

Asset #: 14717

Mechanical		Current Repair		e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							
Natural Gas	100%		2051	* *	1		В
Conversion Equipment							
Furnace	100%		2030	* *	1	\$5,700	В
Distribution							
Steam Piping/Pump	100%		2045	* *	4	\$800	В
Terminal Devices							
Convector/Radiator	100%		2038	* *	1	\$3,700	В
Air Conditioning							
Energy Source							
Electricity	100%		2041	* *	1		В
Conversion Equipment							
Window/Wall Unit	5%		2023	\$1,100	1		В
No Component	95%						D
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,100	В
Exhaust Fans							
Interior	100%		2030	* *	2	\$400	В
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2045	* *	1		В
Water Heater							
Gas Fired	100%		2024	\$2,500	2	\$200	В
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping							
Not Accessible	100%						D
Sump Pump(s)							
Rigid Piping	100%		2030	* *	4	\$1,600	В
Fixtures							
Generic	100%						В

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : SUNRISE YARD
Address : 88-26 PITKIN AVE.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0208.000 / 14436 Yr Built/Renovated : 2009 /

Area Sq Ft : 25,000 Project Type : HIGHWAYS

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

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 11368 Lot : 20 BIN : 4863171

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$44,000	
Interior Architecture		\$44,000
Total	\$44,000	\$44,000
Priority A	\$44,000	
Priority C		\$44,000
Total	\$44,000	\$44,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture			\$41,700	\$5,600
Interior Architecture		\$2,500	\$600	\$3,400
Electrical	\$200	\$200	\$400	\$600
Mechanical	\$4,200	\$2,800	\$8,700	\$2,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$8,300	\$9,500	\$55,400	\$16,400
Priority A			\$41,700	\$5,600
Priority B	\$8,300	\$7,000	\$13,000	\$10,800
Priority C		\$2,500	\$600	
Total	\$8,300	\$9,500	\$55,400	\$16,400



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.

DEPARTMENT OF TRANSPORTATION - 841 SUNRISE YARD

Asset #: 14436

Architecture		Current Repair Future Replacement		e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior							
Exterior Walls							
Concrete Masonry Unit	25%		LIFE	* *	5	\$6,100	A
Masonry: Brick	25%		LIFE	* *	5	\$9,800	A
Metal Panel	10%		2048	* *	5-10	\$27,000	A
Metal Coiling Doors	5%		2039	* *	5	\$6,100	A
Pre-Cast Concrete	5%		LIFE	* *	5	\$6,400	A
Window Wall	30%		2048	* *	5	\$44,200	A
Windows							
Aluminum	95%		2044	* *	5	\$5,000	A
Metal Louvers	5%		2035	* *	10	\$1,600	A
Roof							
Metal Panel	75%		2039	* *	10	\$44,000	A
Not Accessible	25%						D
Interior							
Floors							
Carpet	15%		2023	\$60,900	3	\$7,500	C
Cast in Place Concrete	60%		LIFE	* *	5	\$44,000	C
Ceramic Tile	10%		2035	* *	5	\$3,400	C
Vinyl Tile	15%		2030	* *	3	\$1,900	C
Interior Walls							
Ceramic Tile	10%		2035	* *	5	\$1,400	C
Concrete Masonry Unit	55%		LIFE	* *	5	\$3,000	C
Glass: Single Pane	15%		LIFE	* *	5	\$1,500	C
Gypsum Board	10%		LIFE	* *	5	\$800	C
Masonry: Brick	5%		LIFE	* *			C
SGFT/Glazed Masonry	5%		LIFE	* *			C
Ceilings							
AcousTileSusp.Lay-In	20%		2039	* *	5	\$6,700	В
Exposed Struc: Steel	40%		LIFE	* *			В
Metal Panel	40%		LIFE	* *	5	\$16,800	В

lectrical	Current Repair	Future R	eplacement	M	aintenance	
vstem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nder 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2048	* *	5	\$100	В
	Other Observation, Extent: Moderate,	Area Affecte	d: 100%			
	Location : Electrical Room					
	Explanation: 400 Amps					
Switchgear / Switchboard						
Fused Disc Sw	100%	2048	* *	5	\$100	В
Raceway						
Conduit	100%	2048	* *	1		В
Panelboards						
Molded Case Bkrs	100%	2044	* *	5	\$700	В

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

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

DEPARTMENT OF TRANSPORTATION - 841 SUNRISE YARD

Asset #: 14436

Electrical	Current Repair	Future	Replacement	Maintenance		
System Component Type	% of Fail Date Estima Total (Years)	nted Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Wiring						
Thermoplastic	100%	2048	* *	1		В
Motor Controllers						
Locally Mounted	100%	2039	* *	5	\$200	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$400	В
	Other Observation, Extent : M	Moderate, Area Affe	cted : 100%			
	Location : Water Main					
	Explanation: Connected W	ith Main Water Pipe	2			
Lighting						
Interior Lighting						
Fluorescent	100%	2030	* *	10	\$20,600	В
	Other Observation, Extent : N	Moderate, Area Affe	cted : 100%			
	Location: Throughout					
	Explanation: T-8 Lamps &	Compact Spiral But	lbs			
Egress Lighting						
Exit, Service	50%	2030	* *	1		В
Exit, Battery	50%	2030	* *	10	\$800	В
Exterior Lighting						
HID	100%	2030	* *	10	\$100	В
Alarm						
Security System						
No Component	90%					D
Generic	10%	2030	* *	1	\$900	В
Fire/Smoke Detection						
No Component	90%					D
Generic	10%	2030	* *	1-3	\$1,500	В

Mechanical	Current Repair	Future Repla	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estim	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
leating						
Energy Source						
Natural Gas	100%	2048	* *	1		В
Conversion Equipment						
Hot Water Boiler	100%	2039	* *	1	\$11,100	В
	Other Observation, Extent : Ligh	t, Area Affected : 100%	6			
	Location: 1st Floor Boiler Roc	m				
	Explanation: 2 Units					
Distribution						
Hot Wtr Piping/Pump	100%	2044	* *	4	\$1,700	В

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

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

DEPARTMENT OF TRANSPORTATION - 841 SUNRISE YARD

Asset #: 14436

Mechanical	Current Repair	Current Repair Future Rep		M	Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Terminal Devices						
Air Handler	60%	2030	* *	1	\$8,300	В
Not Accessible	40%					D
	Other Observation, Extent : Ligh	nt, Area Affected : 0%				
	Location:		~	a.,		
	Explanation : Hot Water Heati	ng Tubes Are Under (Ground Of Th	e Shop		
Air Conditioning						
Energy Source	1000/	2011	* *	1		D
Electricity	100%	2044	* *	1		В
Conversion Equipment	1000/	2026	4 v	2	φ1 400	ъ
Int Pkg Unit -	100%	2026	* *	2	\$1,400	В
Heating/Cooling						
Ventilation						
Distribution	1000/	LIEE	* *	2.5	¢12.500	D
Ductwork/Diffusers	100%	LIFE		2-5	\$12,500	В
Exhaust Fans	1000/	2020	* *	2	\$700	D
Interior	100%	2030		2	\$700	В
Plumbing						
H/C Water Piping	1000/	2049	* *	1		D
Brass/Copper	100%	2048		1		В
Water Heater Gas Fired	1000/	2021	\$4,000	2	\$200	D
	100%	2021	\$4,900	2	\$300	В
Sanitary Piping	1000/	LIEE	* *	1		D
Cast Iron	100%	LIFE		1		В
Storm Drain Piping	1000/	LIEE	* *	1		D
Cast Iron	100%	LIFE		1		В
Fixtures	1000/					D
Generic	100%					В
Vertical Transport						
Elevators	100%	LIFE	* *			C
Hydraulic	100% Other Observation, Extent : Ligh					С
	Location: 1-2	и, тиви љујестви . 100	70			
	Explanation : 1 Unit					
Fire Suppression	Ехрининоп . 1 Опи					
Standpipe						
Generic	100%	2048	* *	1-5	\$11,300	В
Sprinkler	100 /0	2U40		1-3	ψ11,500	ע
Sprinkler Generic	100%	2048	* *	1-2	\$6,300	В
Generic	100%	2048		1-2	\$0,500	D

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WEBSTER AVENUE FLEET SERVICES MAINTENANCE & REPAIR SHOP

Address : 2144 WEBSTER AVENUE @E. 181 STREET

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0097.000 / 2847 Yr Built/Renovated : 2002 /
Area Sq Ft : 46,400 Project Type : HIGHWAYS

Date of Survey : 15-Oct-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1,2

Block : 3030 Lot : 6 BIN : 2011133

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$82,500	\$54,700
Interior Architecture		\$115,800
Total	\$82,500	\$170,400
Priority A	\$82,500	\$54,700
Priority C		\$115,800
Total	\$82,500	\$170,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$29,400			\$20,500
Interior Architecture	\$28,300	\$900	\$900	
Electrical	\$700	\$900	\$700	\$6,400
Mechanical	\$19,500	\$6,800	\$9,100	\$17,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$81,900	\$12,600	\$14,700	\$48,100
Priority A	\$29,400			\$20,500
Priority B	\$25,600	\$11,700	\$13,700	\$27,600
Priority C	\$26,800	\$900	\$900	
Total	\$81,900	\$12,600	\$14,700	\$48,100



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

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

Asset #: 2847

Architecture		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior	-							
Exterior Walls						_		
Concrete Masonry Unit	70%			LIFE	* *	5	\$31,900	A
Metal Panel Metal Coiling Doors	15% 10%	0-2	\$19,600	2044 2037	**	5-10 5	\$75,200 \$11,400	A A
Metal Colling Doors	Broken/M		ents, Extent : Ligh			3	\$11,400	A
Pre-Cast Concrete	5%			LIFE	* *	5	\$11,800	A
Windows	2,0						ψ11 , 000	
Fiberglass Panel	85%			2040	* *	5	\$31,200	A
J	Water Pen	etration, Ex : Over Mai	tent : Moderate, A n Shop	Area Affe	ected : 5%		,	
Glass Block	5%			LIFE	* *	5	\$300	A
Metal Louvers	10%			2033	* *	10	\$6,100	A
Parapets								
Concrete Masonry Unit				LIFE	* *	5	\$900	Α
Masonry: Brick	25%	Now	\$5,300 Extent : Moderat	LIFE	* *	5	\$1,000	Α
	Weepholes		Extent : Moderat Face Of East Para		Affected : 20%			
Metal Security Bars	5%			2052	* *			A
Pre-Cast Concrete	50%			LIFE	* *	5	\$12,200	A
Roof								
Built-Up (BUR)	_	0-2 Crumbling, : Througho	\$4,500 Extent : Light, Are out	2029 ea Affect	* * ed : 10%			A
Metal Panel	65%	Now	\$82,500	2037	* *			A
	Location	: Fascia At						
	Location	: At A C U	ngs, Extent : Mod nit Penetrations					
	Location	: North We						
		etration, Ex : Over Gar	tent : Moderate, A age Area	Area Affe	ected : 5%			
nterior Floors								
Cast in Place Concrete	85%			LIFE	* *	5	\$115,800	C
Ceramic Tile	3%			2033	* *	5	\$1,900	C
Vinyl Tile	12%			2029	* *	3	\$2,800	C

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

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

Asset #: 2847

Architecture		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Interior Walls								
Concrete Masonry Unit	70%	0-2	\$18,600	LIFE	* *	5	\$7,100	C
	_	Crumbling, : Through	Extent : Light, Are	ea Affecto	ed : 10%			
Glass: Single Pane	5%	Now	\$700	LIFE	* *	5	\$900	С
C	O	oken/Crac : Conferen	ked, Extent : Mode ace Room	rate, Are	ea Affected : 5%			
Gypsum Board	10%	0-2	\$500	LIFE	* *	5	\$1,500	С
	_	Erumbling, : Through	Extent : Light, Are out	ea Affecto	ed : 5%			
SGFT/Glazed Masonry	15%	0-2	\$7,000	LIFE	* *			С
•	Cracking/C	Crumbling,	Extent : Light, Are	ea Affecte	ed : 10%			
	Location	: Through	out					
Ceilings								
Exposed Struc: Steel	95%			LIFE	* *			В
Gypsum Board	5%	0-2	\$1,500	LIFE	* *	5	\$3,900	В
	Cracking/C	Crumbling,	Extent : Light, Are	ea Affecte	ed : 10%			
	Location	: Through	out					

Electrical	Current Repair	Future Repla	cement	М	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts						
Service Equipment						
Fused Disc Sw	100%	2044	* *	5	\$200	В
	Other Observation, Extent: M.	Ioderate, Area Affected : 1	00%			
	Location : Electrical Room					
	Explanation : Main Service	Protector Rated @ 2500 A	mps			
Switchgear / Switchboard						
Molded Case Bkrs	100%	2044	* *	5	\$1,200	В
Raceway						
Conduit	100%	2044	* *	1		В
Panelboards						
Molded Case Bkrs	100%	2040	* *	5	\$1,200	В
Wiring						
Thermoplastic	100%	2044	* *	1		В
Motor Controllers						
Locally Mounted	100%	2037	* *	5	\$300	В
Ground						
Grounding Devices						
Generic	100%	LIFE	* *	5	\$700	В
	Other Observation, Extent : M	Noderate, Area Affected : 1	00%			
	Location : Water Meter Roo	m				
	Explanation : Connected To	Main Water Pipe				

Lighting

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

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

Asset #: 2847

Electrical	Cu	rrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting							
Interior Lighting							
Fluorescent	10%		2029	* *	10	\$3,800	В
	Other Observa	ution, Extent : Moderate, A	rea Affe	cted : 100%			
	Location : O	ffice					
	Explanation	: T-8 Lamps					
HID	90%		2029	* *	10	\$1,200	В
Egress Lighting							,
Emergency, Battery	50%		2024	\$7,200	10	\$5,000	В
Emergency, Battery	50%		2024	\$7,200	10	\$5,000	В
Exterior Lighting							,
HID	100%		2024	\$2,400	10	\$100	В
Alarm							
Security System							
No Component	85%						D
Generic	15%		2029	* *	1	\$2,600	В
Fire/Smoke Detection							
No Component	85%						D
Generic	15%		2029	* *	1-3	\$4,300	В

Mechanical	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating						
Energy Source						
Electricity	25%	2044	* *	1		В
Natural Gas	75%	2044	* *	1		В
Conversion Equipment						
Furnace	50%	2029	* *	1	\$10,300	В
	Other Observation, Extent : Lig Location : Roof Explanation : 5 Units - Include		0%			
Radiant Heater	25%	2029	* *	2	\$4,800	В
	Other Observation, Extent : Lig Location : Offices, 1st Floor Explanation : 15 Units	ht, Area Affected : 10	0%			
No Component	25%					D
Air Conditioning Energy Source						
Electricity	100%	2040	* *	1		В

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

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

Asset #: 2847

Mechanical	Current	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning Conversion Equipment Ext Pkg Unit - Heating/Cooling	100% Now	\$13,000	2029	* *	2	\$2,000	В
g c	Malfunctioning, Ext Location : Control		a Affecte	d : 10%			
	R-22 Refrigerant, E. Location : A C Un		Affected :	100%			
	Other Observation, Location : Roof Explanation : 5 Un	_	Affected	: 100%			
Terminal Devices							
Air Handler/Cool/Ht	5% Now Malfunctioning, Ext Location: Control	\$400 ent : Moderate, Are l System. Penthouse		\$8,400 d : 10%	1	\$1,200	В
No Component	95%						D
Heat Rejection							
Air Condenser Unit	5%		2029	* *	2	\$1,500	В
No Component	95%						D
Ventilation							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$23,200	В
Exhaust Fans							
Interior	90%		2029	* *	2	\$1,100	В
Roof	10%		2029	* *	2	\$100	В
Plumbing							
H/C Water Piping	1000/		20.41	ماه ماه			ъ
Galv Iron/Steel	100%		2041	* *	1		В
Water Heater	2004		2022	44.000		# 100	
Electric	30%		2022	\$1,800	4	\$100	В
Gas Fired	70% Other Observation, Location : Mechar Explanation : One	nical Room, 2nd Flo		\$6,400 : 100%	2	\$400	В
Sanitary Piping	-						
Cast Iron	100%		LIFE	* *	1		В
Storm Drain Piping Cast Iron	100%		LIFE	* *	1		В
Backflow Preventer Generic	100%		2032	* *	1	\$2,600	В
Fixtures Generic	100%						В
Vertical Transport	100/0						ע
Elevators Hydraulic	100%		LIFE	* *			С
11yuraunc	Other Observation, Location: 1-2	Extent : Light, Area					C
	Explanation : One	Unit					

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

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

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DEPARTMENT OF TRANSPORTATION - 841 WEBSTER AVENUE FLEET SERVICES MAINTENANCE & REPAIR SHOP

Asset #: 2847

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	/	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression							
Standpipe							
Generic	100%		2044	* *	1-5	\$21,000	В
Sprinkler							
Generic	100%		2044	* *	1-2	\$11,700	В
Fire Pump							
Generic	100%		2033	* *	1	\$7,800	В
Chemical System							
No Component	80%						D
Generic	20%		2019	\$5,000	1-3	\$11,000	В

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WEBSTER AVENUE YARD STAGING GARAGE & SIGN SHOP

Address : 4409 PARK AVENUE @E. 181 STREET

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0097.010 / 13606 Yr Built/Renovated : 2002 /

Area Sq Ft : 36,850 Project Type : HIGHWAYS

Date of Survey : 15-Oct-2012 Landmark Status : NONE

Areas Surveyed : Basement, Roof, Floors 1

Block : 3030 Lot : 6 BIN : 2100288

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$84,200	
Interior Architecture		\$97,400
Total	\$84,200	\$97,400
Priority A	\$84,200	
Priority C		\$97,400
Total	\$84,200	\$97,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$42,000		\$5,700	\$8,100
Interior Architecture		\$1,700	\$1,000	
Electrical	\$500	\$700	\$500	\$10,600
Mechanical	\$10,000	\$3,600	\$6,100	\$4,100
Total	\$52,500	\$6,000	\$13,300	\$22,800
Priority A	\$42,000		\$5,700	\$8,100
Priority B	\$10,500	\$5,600	\$6,600	\$14,700
Priority C		\$400	\$1,000	
Total	\$52,500	\$6,000	\$13,300	\$22,800



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

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

Asset #: 13606

Architecture		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls	CE0/			LIEE	* *	~	Φ1 7 (00	
Concrete Masonry Unit	65%			LIFE	* *	5	\$17,600	A
Fiberglass Panel Glazed Ceramic Panel	7%	M	\$4,000	2033	* *	5	\$11,400	A
Giazed Ceramic Panel	3%	Now	\$4,000 d, Extent : Moderat	LIFE		5	\$6,100	A
		i : Through		e, Area I	Ајјестей . 40%			
			Extent : Light, Ared	a Affecte	A · 5%			
	_		or At West Facade		u . 570			
Matal Danal			or in west i deduce		* *	<i>5</i> 10	\$20,800	Α.
Metal Panel	10%	M	¢22 200	2044	* *	5-10	\$29,800	A
Metal Coiling Doors	10%		\$23,300 Extent : Severe, Are	2037		5	\$6,800	A
		i : At Entra		и Ајјесте	zu . 1070			
			nce l Coiling Door Is C	Constantl	v Raina Ranairad			
Due Cost Compute			i Colling Door 1s C		y Being Repaired **		¢7 100	Α
Pre-Cast Concrete	5%			LIFE		5	\$7,100	A
Parapets Cast in Place Concrete	30%	2-4	\$1,700	LIFE	* *	5	\$14,300	Λ.
Cast III Flace Coliciete			\$1,700 Extent : Moderate, A			3	\$14,300	Α
			ection Of Coping A					
			ing Through Wall F		esi comei			
Massamu Drish	60%		\$7,600	LIFE	* *	5	\$2,000	A
Masonry: Brick			\$7,000 : Moderate, Area			3	\$2,800	Α
		nce, Exieni 1 : Interior		Ајјестей	. 10/0			
			d, Extent : Light, A	rea Affec	rted : 10%			
			t, Extem : Eight, Al Face At Flashing	rearyjec	.iea . 1070			
Matal Canuita Dana	10%	i . Interior	race m rashing	2052	* *			Α
Metal Security Bars Roof	10%			2052				A
	35%	Now	\$5,400	2029	* *			٨
Built-Up (BUR)			\$5,400 Extent : Light, Area					Α
		ietration, E i : Through	_	Ајјестеи	. 570			
Maral Daniel		i. Inrough	Oui	2027	* *	10	¢04.200	Α
Metal Panel	65%			2037	* *	10	\$84,200	A
Interior								
Floors Cast in Place Concrete	90%			LIFE	* *	5	\$97,400	C
Cast III Flace Colletete Ceramic Tile	3%			2033	* *	5	\$1,500	C
Vinyl Tile	7%			2029	* *	3	\$1,300	C
Interior Walls	7 70			2027			Ψ1,500	
Ceramic Tile	3%			2033	* *	5	\$600	C
Concrete Masonry Unit	57%			LIFE	* *	5	\$4,600	C
Glass: Single Pane	5%			LIFE	* *	5	\$800	C
Gypsum Board	10%			LIFE	* *	5	\$1,200	C
SGFT/Glazed Masonry	25%			LIFE	* *	3	Ψ1,200	C
Ceilings	25 70							
AcousTileSusp.Lay-In	5%			2037	* *	5	\$2,500	В
Exposed Struc: Steel	85%			LIFE	* *	J	Ψ2,230	В
Gypsum Board	10%			LIFE	* *	5	\$6,200	В
- J I	70					-	+ -,	

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

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

Asset #: 13606

Electrical	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated Con Total (Years)	st Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts	•					
Service Equipment Fused Disc Sw	100%	2044	* *	5	\$200	В
	Other Observation, Extent : Moderat Location : Electrical Room	e, Area Affected : I	00%			
	Explanation : (2) Service Protector	Rated At 600 Amp	s And 400 A	Amps		
Switchgear / Switchboard		•		•		
Molded Case Bkrs	100%	2044	* *	5	\$1,000	В
Raceway						
Conduit	100%	2044	* *	1		В
Panelboards	1000/	20.40	* *	_	Ф1 000	ъ
Molded Case Bkrs	100%	2040	* *	5	\$1,000	В
Wiring	100%	2044	* *	1		В
Thermoplastic Motor Controllers	100%	2044		1		Б
Locally Mounted	100%	2037	* *	5	\$200	В
Ground	10070	2037			Ψ200	ь
Grounding Devices						
Generic	100%	LIFE	* *	5	\$500	В
	Other Observation, Extent : Moderat	e, Area Affected : I	00%			
	Location: Main Water Room					
	Explanation: Connected To Main \	Water Pipe				
Lighting						
Interior Lighting	2504	2020	* *	10	Φ7 (00	ъ
Fluorescent	25%	2029	* *	10	\$7,600	В
	Other Observation, Extent : Moderat Location : Offices	е, Агеа Ајјестеа : 1	00%			
	Explanation: T-8 Lamps					
HID	75%	2029	* *	10	\$800	В
Egress Lighting	73%	2029		10	\$600	Б
Exit, Service	50%	2029	* *	1		В
Exit, Battery	50%	2029	* *	10	\$1,100	В
Exterior Lighting	3070	2027		10	ψ1,100	ь
HID	100%	2024	\$1,900	10	\$100	В
Alarm			. , -		· · · ·	
Security System						
No Component	85%					D
Generic	15%	2029	* *	1	\$2,100	В
Fire/Smoke Detection						
No Component	85%					D
Generic	15%	2029	* *	1-3	\$3,400	В

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

Heating

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

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

Asset #: 13606

Mechanical	Curre	nt Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost (rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating							
Energy Source							_
Electricity	30%		2050	* *	1		В
Natural Gas	70%		2050	* *	1		В
Conversion Equipment	000/		2020	ماد ماد		012.100	
Furnace	80%	F T. 1 . A	2029	* *	1	\$13,100	В
		n, Extent : Light, Area		: 100%			
		- Included In A C Sys	tem				
_	Explanation: 3	Units	2020	ale ale		ф1.600	
Furnace	10%	F T. 1 . A	2029	* *	1	\$1,600	В
		n, Extent : Light, Area	. Affectea	: 100%			
	Location : In Th	=					
	-	Independent Units					
Radiant Heater	10%	T	2029	* *	2	\$1,500	В
		n, Extent : Light, Area		: 100%			
		es On The First Floor					
	Explanation: 12	2 Units					
Air Conditioning							
Energy Source	1000/		2046	* *	1		D
Electricity	100%		2046	4-4-	1		В
Conversion Equipment	200/ Na	ec 200	2020	* *	2	¢500	D
Ext Pkg Unit - Heating/Cooling	30% Now	\$6,200	2029		2	\$500	В
Heating/Cooling	Malfunctioning F	Extent : Moderate, Are	a Affected	4 · 100%			
	Location : Cont		a rijjeciet	1. 100/0			
		Extent : Moderate, Ai	rea Affect	ed · 100%			
	Location : A C		eu rijjeci	ей . 100/0			
No Comment	70%	Chiis On Rooj					D.
No Component	70%						D
Terminal Devices Air Handler/Cool/Ht	10% Now	. \$200	2020	* *	1	¢1 000	D
Air Handler/Cool/Ht	,	\$200 Extent : Moderate, Are	2029		1	\$1,800	В
	Location : Cont		и Ајјестес	1. 10/0			
N. C.		Tot Bystem					- D
No Component	90%						D
Heat Rejection Air Condenser Unit	10%		2029	* *	2	\$2,300	В
No Component	90%		2029		2	\$2,300	D D
Ventilation Ventilation	90%						<u> </u>
Distribution							
Distribution Ductwork/Diffusers	100%		LIFE	* *	2-5	\$18,400	В
Exhaust Fans	10070		LIIL		2-3	Ψ10,+00	
Interior	70%		2029	* *	2	\$700	В
Roof	30%		2029	* *	2	\$300	В
Plumbing	3070		2027			Ψ300	
H/C Water Piping							
Brass/Copper	100%		2050	* *	1		В
Water Heater	20070						
Gas Fired	100%		2022	\$7,300	2	\$500	В
	10070			Ψ1,500		Ψ2.00	

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

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

Asset #: 13606

Mechanical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
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%		2044	* *	1-2	\$9,300	В
Chemical System			•		•		
No Component	90%						D
Generic	10%		2022	\$2,500	1-3	\$5,500	В

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 11TH AVE VIADUCT (RAMP) W 33 ST/LAND ADJ.TO AMTRAK

Address : WEST 33 STREET AMTRAK 30 ST.BRANCH

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0066.0C0 / 2934 Yr Built/Renovated : 1934 /

Area Sq Ft : 4,620 Project Type : HIGHWAY BRIDGES

Date of Survey : 25-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 224501C

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$754,100	\$257,500
Total	\$754,100	\$257,500
Priority A	\$643,900	\$91,500
Priority B	\$110,100	\$91,500
Priority C		\$74,600
Total	\$754,100	\$257,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$62,000	\$4,100	\$21,100	
Total	\$62,000	\$4,100	\$21,100	
Priority A	\$27,500		\$9,200	
Priority B	\$26,400		\$9,500	
Priority C	\$8,100	\$4,100	\$2,400	
Total	\$62,000	\$4,100	\$21,100	



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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 33 ST/LAND ADJ.TO AMTRAK

Asset #: 2934

Bridge Structure	Current Repair	Future	Replacement	Maintenance	
System Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Abutments					
Bridge Seat&pedestals	1000/ 4.	Φ 5 2 00 I IEE	* *		
Concrete	100% 4+	\$5,200 LIFE	* *		A
	Cracks, Extent : Light, Area Location : Random	Affectea : 10%			
Backwall					
Concrete	100%	LIFE	* *		C
	Cracks, Extent : Light, Area	Affected: 5%			
	Location: Random				
	Rust Stains, Extent: Light, A	Area Affected : 10%			
	Location: Random				
Brngs,Ancr Blts,Pads					
Steel	50%	LIFE	* *		A
Steel		\$201,700 LIFE	* *		Α
	Corrosion, Extent: Severe,	Area Affected : 40%			
-	Location: Random				
Footings Not Accessible	100%				D
Joint with Deck	10070				
Generic	70%	LIFE	* *		В
Generic	30% 2-4	\$25,000 LIFE	* *		В
34.4.1	Leakage, Extent : Moderate,				2
	Location : Random	30			
	Other Observation, Extent:	Moderate, Area Affe	cted : 20%		
	Location: Random				
	Explanation: Joint Depres	ssed And Filled With	Debris And Dirt		
Mat (scour & erosion)					
Earth	100%	LIFE	* *		В
Pedestals	1000/		de de		
Concrete	100%	LIFE	* *		A
Stem (breastwall)	900/	LIDE	* *		D
Concrete Concrete	80% 20% 4+	LIFE \$110,100 LIFE	* *		B B
Concrete	Cracks, Extent : Severe, Are				Б
	Location: Random	a rijjeciea . 5070			
	Efflorescence, Extent : Mod	erate. Area Affected :	20%		
	Location : Random	eraic, meangreeica.	2070		
	Spalling, Extent : Moderate,	Area Affected : 20%			
	Location : Random	30			
	Other Observation, Extent:	Light, Area Affected	: 10%		
	Location: Random				
	Explanation: Honeycomb	ing			
Wingwalls					
Footings	1000/				-
Not Accessible	100%				D
Mat (scour & erosion)	1000/	TIDE	* *		C
Earth	100%	LIFE	-14r		С

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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 33 ST/LAND ADJ.TO AMTRAK

Asset #: 2934

Bridge Structure		Current Repa	nir	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Wingwalls	•							
Piles								
Not Accessible	100%							D
Walls Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	100%			2024	\$74,600	4	\$2,100	C
Concrete	90%			2032	* *	4	\$5,400	C
Concrete	10%	2-4	\$800	2032	* *	4	\$3,600	C
	Location Spalling, E	tent : Light, Ar : Random Extent : Light, A : Random						
Curbs								
Concrete w/ Steel Face	50%			LIFE	* *			A
Concrete w/ Steel Face	50%			LIFE	* *			A
	Other Obs Location	ervation, Exten : Throughout ion : Under Co		Affected	: 100%			
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	95%			LIFE	* *			C
Concrete	5%	4+	\$600	LIFE	* *			C
	Location Settlement,	tent : Moderat : Random . Extent : Mode : Random			9%			
Piers	Locuiton	. Random						
Pier, Columns								
Steel	100%			LIFE	* *	2-8	\$8,500	В
Stem, Solid Pier	10070			LIIT		2-0	ψ0,500	ъ
	100%			LIFE	* *			В
Concrete	100%			LIFE				D
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			A
Deck Elements								
Curbs								
Under Construction	100%							D
Railings/Parapets								
Under Construction	100%							D

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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 33 ST/LAND ADJ.TO AMTRAK

Asset #: 2934

Bridge Structure	Current Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements			•			
Sidewalks						
Concrete	50%	2028	* *	5	\$2,400	C
Concrete	50%	2028	* *	5	\$2,400	C
	Other Observation, Extent : Light, Area	Affected : .	100%			
	Location : Throughout					
	Explanation: Under Construction					
Wearing Surface	00-1		ata ata	_	40.00	~
Concrete	80%	2032	* *	5	\$8,200	C
Concrete	20% 4+ \$4,200	2032	* *	5	\$4,100	C
	Cracks, Extent : Light, Area Affected : 10 Location : Random	<i>0</i> %				
uperstructure						
Deck,Structural						
Concrete	70%	LIFE	* *	5	\$5,100	Α
Concrete	30% 4+ \$22,300	LIFE	* *	5	\$5,100	Α
	Cracks, Extent : Moderate, Area Affected Location : Random	d : 20%				
	Efflorescence, Extent : Moderate, Area A Location : Random	Affected : 2	0%			
	Spalling, Extent : Moderate, Area Affecto Location : Random	ed : 20%				
	Other Observation, Extent : Moderate, A Location : Random	rea Affecte	ed : 15%			
	Explanation: Honeycombing					
Primary Member	Explanation . Hone yeomoting					
Steel	80%	LIFE	* *	2-8	\$85,400	A
Steel	20% 4+ \$442,200	LIFE	* *	2-8	\$85,400	A
2.222	Corrosion, Extent : Moderate, Area Affe Location : Random				,,,,,,,	
	Loss of Section, Extent : Light, Area Affe	octed · 5%				
	Location : Random	cieu . 570				
	Other Observation, Extent : Moderate, A	rea Affect	od · 15%			
	Location: Random	пен пурест	za . 1570			
	Explanation: Paint Peeling					
Secondary Member	Expansion . I am I ceing					
Steel	90%	LIFE	* *	2-8	\$71,500	В
Steel	10% 4+ \$1,500	LIFE	* *	2-8	\$71,500	В
	Corrosion, Extent : Light, Area Affected Location : Random			_ 0	+ / 1, 2 00	_
	Other Observation, Extent : Light, Area Location : Random	Affected : .	10%			
	Explanation : Paint Peeling					

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

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

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 11TH AVE VIADUCT (RAMP) W 34 ST/AMTRAK 30 ST. BRANCH

Address : WEST 34 STREET AMTRAK 30 ST.BRANCH

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0066.0D0 / 2935 Yr Built/Renovated : 1934 /

Area Sq Ft : 11,800 Project Type : HIGHWAY BRIDGES

Date of Survey : 25-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 224501D

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$5,714,400	\$542,900
Total	\$5,714,400	\$542,900
Priority A	\$5,236,900	\$233,600
Priority B	\$477,500	\$161,300
Priority C		\$148,000
Total	\$5,714,400	\$542,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$60,000	\$20,700	\$39,600	
Total	\$60,000	\$20,700	\$39,600	
Priority A	\$9,700		\$23,400	
Priority B	\$20,400		\$16,200	
Priority C	\$29,900	\$20,700		
Total	\$60,000	\$20,700	\$39,600	



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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 34 ST/AMTRAK 30 ST. BRANCH

Asset #: 2935

Bridge Structure	Current Rep	air Futu	e Replacement	Maintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
butments					
Bridge Seat&pedestals					
Concrete	95%	LIFE	* *		A
Concrete	5% 4+	\$200 LIFE	* *		A
	Cracks, Extent : Light, A Location : Random	rea Affected : 10%			
Backwall					
Concrete	90%	LIFE	* *		C
Concrete	10% 4+	\$2,100 LIFE	* *		C
	Cracks, Extent : Light, A Location : Random	rea Affected : 10%			
	Rust Stains, Extent : Ligh Location : Random	ht, Area Affected : 10%			
Brngs,Ancr Blts,Pads Not Accessible	100%				D
Footings Not Accessible	100%				D
Joint with Deck					
Generic	100% 4+	\$15,800 LIFE	* *		В
	Broken/Missing Element,	, Extent : Moderate, Ar	ea Affected : 15%		
	Location: Random				
	Recent Replace Evident, Location : South End	Extent : Light, Area Afj	fected : 75%		
	Other Observation, Exter	nt : Light, Area Affected	l : 10%		
	Location : End Approa				
			Came Elevations Or	Either Side Of The Joint.	
Mat (scour & erosion)					
Earth	100%	LIFE	* *		
Stem (breastwall)					В
Congreta	750/				В
Concrete	75%	LIFE	* *		В
Concrete	75% 25% 4+	LIFE \$423,600 LIFE	* *		
		\$423,600 LIFE			В
	25% 4+ Cracks, Extent : Severe,	\$423,600 LIFE Area Affected : 30%	* *		В
	25% 4+ Cracks, Extent: Severe, Location: Random Efflorescence, Extent: M. Location: Random Other Observation, Exten	\$423,600 LIFE Area Affected : 30% Ioderate, Area Affected	**		В
	25% 4+ Cracks, Extent: Severe, Location: Random Efflorescence, Extent: M Location: Random Other Observation, Extent Location: Random	\$423,600 LIFE Area Affected : 30% Ioderate, Area Affected nt : Light, Area Affected	**		В
Concrete	25% 4+ Cracks, Extent: Severe, Location: Random Efflorescence, Extent: M. Location: Random Other Observation, Exten	\$423,600 LIFE Area Affected : 30% Ioderate, Area Affected nt : Light, Area Affected	**		В
Concrete Vingwalls	25% 4+ Cracks, Extent: Severe, Location: Random Efflorescence, Extent: M Location: Random Other Observation, Extent Location: Random	\$423,600 LIFE Area Affected : 30% Ioderate, Area Affected nt : Light, Area Affected	**		В
Concrete Vingwalls Footings	25% 4+ Cracks, Extent: Severe, Location: Random Efflorescence, Extent: M. Location: Random Other Observation, Extent Location: Random Explanation: Honeyco	\$423,600 LIFE Area Affected : 30% Ioderate, Area Affected nt : Light, Area Affected	**		ВВВ
Vingwalls Footings Not Accessible	25% 4+ Cracks, Extent: Severe, Location: Random Efflorescence, Extent: M Location: Random Other Observation, Extent Location: Random	\$423,600 LIFE Area Affected : 30% Ioderate, Area Affected nt : Light, Area Affected	**		В
Vingwalls Footings Not Accessible Mat (scour & erosion)	25% 4+ Cracks, Extent: Severe, Location: Random Efflorescence, Extent: M. Location: Random Other Observation, Extent Location: Random Explanation: Honeyco	\$423,600 LIFE Area Affected : 30% Ioderate, Area Affected nt : Light, Area Affected mbing	* * : 20% !: 10%		B B
Vingwalls Footings Not Accessible	25% 4+ Cracks, Extent: Severe, Location: Random Efflorescence, Extent: M. Location: Random Other Observation, Extent Location: Random Explanation: Honeyco	\$423,600 LIFE Area Affected : 30% Ioderate, Area Affected nt : Light, Area Affected	**		ВВВ

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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 34 ST/AMTRAK 30 ST. BRANCH

Asset #: 2935

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vingwalls								
Walls								
Concrete	100%			LIFE	* *			C
Masonry	95%			LIFE	* *			C
Masonry	5%	4+	\$5,800	LIFE	* *			C
		xtent : Ligh : Random	t, Area Affected : I	10%				
			Tutant Liste	A CC-	-4-1-100/			
		vair Eviaei : Random	it, Extent : Light, A	rea А ∏ес	rtea : 10%			
mmma ahaa	Location	. Kanaom						
Approaches Pavement								
Asphalt	90%			2024	\$133,200	4	\$3,600	C
Asphalt	10%	4+	\$300	2024	\$14,800	4	\$2,400	Č
rispitate			t, Area Affected : I		Ψ11,000	•	Ψ2,100	C
		: Random	33					
Concrete	90%			2032	* *	4	\$9,200	С
Concrete	10%	4+	\$3,100	2032	* *	4	\$6,200	Č
Controls			t, Area Affected : £			•	Ψ0,200	C
		: Random	, 55					
	Spalling, I	Extent : Lig	ht, Area Affected :	5%				
	Location	: Random						
Curbs								
Concrete w/ Steel Face	50%			LIFE	* *			A
Concrete w/ Steel Face	50%	4+	\$7,800	LIFE	* *			A
			Severe, Area Affec	ted : 50%	ó			
		: Random						
			evere, Area Affecto	ed : 50%				
		: Random						
			Extent : Light, Area	ı Affected	! : 10%			
	Location	: Random						
Guide Railing	1000/			2022	* *	4	¢2.100	A
Concrete	100%			2032	* *	4	\$2,100	A
Pavement Base Not Accessible	100%							D
Sidewalks	100%							ע
Concrete	80%			LIFE	* *			С
Concrete	20%	4+	\$8,300	LIFE	* *			C
Concrete			t, Area Affected : 1					C
		: Random	.,					
			ight, Area Affected	l : 8%				
			proach, Both Sides					

Piers

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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 34 ST/AMTRAK 30 ST. BRANCH

Asset #: 2935

Bridge Structure		Current Rep	oair	Futur	e Replacement	M		
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers								I
Pier,Columns								
Concrete	100%		\$53,900	LIFE	* *			В
		_	Area Affected : .	10%				
	Location	ı : Random						
Steel	90%			LIFE	* *	2-8	\$64,100	В
Steel	10%	4+	\$4,600	LIFE	* *	2-8	\$64,100	В
		_	ıt, Area Affected	l : 10%				
	Location: Random							
Footings	400							_
Not Accessible	100%							D
Mat (scour & erosion)	1000/			T TEE	ماه ماه			
Earth	100%			LIFE	* *			A
Deck Elements Curbs								
Concrete w/ Steel Face	95%			LIFE	* *			A
Concrete w/ Steel Face	5%	4+	\$100	LIFE	* *			A
Concrete w/ Steel 1 acc			t, Extent : Light		fected : 5%			А
		ı : Random	.,g	,	,			
		d/Bulging, Ext	tent : Light, Are	a Affecte	d : 15%			
	Rust Stain	s, Extent : Lig	ht, Area Affecte	d: 10%				
		i : Random						
Railings/Parapets								
Concrete	100%			2032	* *	4	\$2,800	A
Sidewalks								
Concrete	100%			2028	* *	5		C
Wearing Surface								
Concrete	90%			2032	* *	5	\$41,500	C
Concrete	10%	4+	\$6,100	2032	* *	5	\$20,700	C
			ate, Area Affecte	ed: 20%				
	Location	ı : Random						
Superstructure								
Deck,Structural	600 /			LIEE	* *	~	ф1 2 000	
Concrete	60%	4	¢227.200	LIFE	* *	5	\$13,000	A
Concrete		4+ xtent : Moderc ı : Random	\$327,200 ate, Area Affecte	LIFE ed : 20%	* *	5	\$13,000	A
	Delamina		Moderate, Area	ı Affected	l : 20%			
	Effloresce		Moderate, Area	Affected	: 20%			

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

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

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DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 34 ST/AMTRAK 30 ST. BRANCH

Asset #: 2935

Bridge Structure	Current Re	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure							
Primary Member							
Steel	60%		LIFE	* *	2-8	\$218,100	A
Steel	40% $4+$	\$4,909,700	LIFE	* *	2-8	\$218,100	A
	Corrosion, Extent: Mo	derate, Area Affe	cted : 20)%			
	Location: Random						
	Loss of Section, Extent	: Severe, Area A	fected : .	30%			
	Location: Random						
Secondary Member							
Steel	100%		LIFE	* *	2-8	\$182,700	В

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

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH

Address : WEST 35 STREET AMTRAK 30 ST.BRANCH

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0066.0E0 / 2936 Yr Built/Renovated : 1934 /

Area Sq Ft : 6,500 Project Type : HIGHWAY BRIDGES

Date of Survey : 20-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 224501E

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$542,400	\$547,200
Total	\$542,400	\$547,200
Priority A	\$491,500	\$120,900
Priority B	\$50,900	\$285,700
Priority C		\$140,600
Total	\$542,400	\$547,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$109,500		\$8,700	
Total	\$109,500		\$8,700	
Priority A	\$9,100		\$5,600	
Priority B	\$50,300		\$3,200	
Priority C	\$50,100			
Total	\$109,500		\$8,700	



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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH

Asset #: 2936

ridge Structure	Current Repair	Future Replacem	ent	Maintenance	
rstem Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estimated FY	Cost Cycl (Yrs	e Estimated Cost	Priority Code
outments					
Bridge Seat&pedestals	400				_
Not Accessible	100%	4 ACC - 1 00/			D
	Other Observation, Extent: Light,	Area Affected : 0%			
	Location : Explanation : Underneath Bridge	Under Construction			
Backwall	Explanation . Orderneum Bridge	Chaer Construction			
Not Accessible	100%				D
	Other Observation, Extent: Light,	Area Affected : 0%			
	Location:				
	Explanation : Underneath Bridge	Under Construction			
Brngs,Ancr Blts,Pads					
Not Accessible	100%				D
	Other Observation, Extent: Light,	Area Affected : 0%			
	Location :				
	Explanation: Underneath Bridge	Under Construction			
Footings	1000/				
Not Accessible	100%				D
Joint with Deck	900/	LIEE	* *		D
Generic	80%	LIFE	**		В
Generic	20% 4+ \$8,9 Leakage, Extent : Severe, Area Affe				В
	Location: At Begin Abutment	ectea . 40/0			
Mat (scour & erosion)					
Earth	100%	LIFE	* *		В
Stem (breastwall)	200,0				
Not Accessible	100%				D
	Other Observation, Extent: Light,	Area Affected : 0%			
	Location:				
	Explanation: Underneath Bridge	Under Construction			
ingwalls			<u> </u>		
Footings					_
Not Accessible	100%				D
Mat (scour & erosion)	1000	* ****	ate ate		~
Earth	100%	LIFE	* *		С
Piles Not Accessible	100%				D
Walls	100/0				ע
Not Accessible	100%				D
110111000551010	Other Observation, Extent: Light,	Area Affected : 0%			ט
	Location:				
	Explanation : Underneath Bridge	Under Construction			

Approaches

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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH

Asset #: 2936

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Pavement								
Asphalt	80%			2024	\$112,500	4	\$3,400	C
Asphalt	20%	4+	\$5,600	2024	\$28,100	4	\$2,300	C
		_	t, Area Affected : I	10%				
			At East Approach	A CC 4 - J	. 100/			
		: At East A	Extent : Light, Area Approach	Ајјестеа	: 10%			
		. At East A ion : Rave						
		on . Kave	ung	2022	* *	4	¢0.200	
Concrete	80% 20%	2-4	¢6 100	2032 2032	* *	4 4	\$9,200	C C
Concrete			\$6,100 re, Area Affected :			4	\$6,200	C
			At West Approach					
			derate, Area Affec		á			
			nt At West Approa		,			
Curbs			11					
Concrete w/ Steel Face	100%	4+	\$3,900	LIFE	* *			A
	Rust Stains	, Extent : .	Severe, Area Affect	ted : 50%	ó			
	Location	: Random						
	Settlement,	Extent: S	'evere, Area Affecte	ed : 50%				
	Location	: Near Joi	nts At Both Approc	aches				
Pavement Base								
Not Accessible	100%							D
Sidewalks	700/			LIEE	* *			C
Concrete	70%	4.	¢0.200	LIFE	**			C
Concrete	30% Cracks Ex	4+ tant : Mod	\$8,200 lerate, Area Affecte	LIFE				С
		: Random	егине, Агей Ајјесне	a. 2070				
			Ioderate, Area Aff	ected : 30	0%			
		: At East A						
Piers								
Cap Beam								
Steel	90%			LIFE	* *	2-8	\$64,100	A
			Extent : Severe, Are	a Affecte	d : 50%			
		: West Pie						
	Explanati	ion : Paint	System Failure					
Steel	10%	4+	\$4,300	LIFE	* *	2-8	\$64,100	A
			Light, Area Affecte	d: 10%				
	Location	: Random						
Pier, Columns	000/			TIPP	* *	2.0	Φ4F C00	D
Steel	90%	omostica E	Extent : Severe, Are	LIFE		2-8	\$45,600	В
		ervanon, E : West Pie		а Ајјесте	a: 30%			
			System Failure					
Staal	10%	4+		LIDD	* *	20	\$15 600	D
Steel			\$8,200 Light, Area Affecte	LIFE		2-8	\$45,600	В
		, Extent . I : Random	ықт, тей пуесіе	u . 10/0				
	Locuion	. runuom						

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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH

Asset #: 2936

ridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ers								
Stem,Solid Pier								_
Concrete	75%			LIFE	* *			В
Concrete	25%	4+	\$33,300	LIFE	* *			В
			'erate, Area Affecte	ed: 20%				
	Location							
			ent, Extent : Moder	ate, Area	Affected: 20%			
	Location				,			
			derate, Area Affec	ted : 20%				
	Location	: Random						
Brngs, Ancr Blts, Pads	400							_
Not Accessible	100%							D
Footings	400							_
Not Accessible	100%							D
Mat (scour & erosion)	1000/				de de			
Earth	100%			LIFE	* *			A
Pedestals	1000/							-
Not Accessible	100%			A CC 4 - J	. 00/			D
	Location		Extent : Light, Area	Ађестеа	: 0%			
			uu aath Duidaa Uu	lan Canat				
eck Elements	Explanali	on : Unae	rneath Bridge Und	ier Consi	ruction			
Curbs								
Concrete w/ Steel Face	95%			LIFE	* *			A
Concrete w/ Steel Face	5%	4+	\$900	LIFE	* *			A
Concrete w/ Steel Pace			Severe, Area Affec					Λ
	Location		severe, meangee.		•			
			ight, Area Affected	1 · 10%				
	Location		g,, 111 ca 11,1 cc 1cc	. 1070				
Sidewalks								
Under Construction	100%							D
Wearing Surface	20070							
Concrete	75%			2026	* *	5	\$21,000	C
Concrete	25%	4+	\$15,400	2026	* *	5	\$10,500	C
Concrete		tent : Ligh	t, Area Affected : 1			3	Ψ10,200	C
	Old Repair	, Extent : I	Light, Area Affecte	d: 10%				
			Ft Patch With Stee		n Eastern Side			
			ht, Area Affected :					
	Location	_	, ,,,					

Superstructure

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

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

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DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH

Asset #: 2936

ridge Structure		Current F	lepair	Futur	e Replacement	M	aintenance		
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
perstructure Deck,Structural									
Concrete	50%			LIFE	* *	5	\$7,200	A	
Concrete	50%		\$438,700	LIFE	* *	5	\$7,200	A	
	Cracks, Extent : Moderate, Area Affected : 20% Location : Random								
		tions, Exten ı : Random	t : Moderate, Arec	Affected	l : 20%				
		nce, Extent 1 : Random	: Moderate, Area	Affected	: 20%				
			derate, Area Affec With Exposed Reii						
Primary Member			<u> </u>						
Concrete Encased Steel	60%			LIFE	* *	5	\$32,800	A	
Concrete Encased Steel	40%	4+	\$52,800	LIFE	* *	5	\$32,800	A	
		xtent : Ligh ı : Random	t, Area Affected : I	10%					
			loderate, Area Affe Flange Of Fascia C		0%				
		tions, Exten 1 : Random	t : Moderate, Area	Affectea	l : 20%				
	Spalling, I	Extent : Lig	ht, Area Affected :	10%					
		ı : Random							
Secondary Member									
Concrete	75%			LIFE	* *	5	\$127,000	В	
Concrete	25%		\$50,900	LIFE	* *	5	\$127,000	В	
	-	Reinforceme 1 : Random	nt, Extent : Moder	ate, Area	a Affected : 20%				
			derate, Area Affec	tod · 20%	6				
	-	exieni . то i : Random	истине, лтен Аујес	ieu . 20/	U				

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

Page: 177

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH

Address : WEST 36 STREET AMTRAK 30 ST.BRANCH

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0066.0F0 / 2937 Yr Built/Renovated : 1934 /

Area Sq Ft : 16,400 Project Type : HIGHWAY BRIDGES

Date of Survey : 20-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 224501F

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$139,900
Total		\$139,900
Priority C		\$139,900
Total		\$139,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$86,700	\$27,200	\$6,700	
Total	\$86,700	\$27,200	\$6,700	
Priority A	\$7,800			
Priority B	\$8,900			
Priority C	\$70,100	\$27,200	\$6,700	
Total	\$86,700	\$27,200	\$6,700	



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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH

Asset #: 2937

ridge Structure	Current Repair	Future Replac	ement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
outments						
Bridge Seat&pedestals						
Not Accessible	100%					D
	Other Observation, Extent : Light	, Area Affected : 0%				
	Location:	a Undan Construction				
Backwall	Explanation: Underneath Bridg	ge Under Construction				
Not Accessible	100%					D
Not Accession	Other Observation, Extent : Light	. Area Affected : 0%				D
	Location:	, 111 cm 133 ccrea 1 0 7 0				
	Explanation : Underneath Bridg	e Under Construction				
Brngs,Ancr Blts,Pads		,				
Not Accessible	100%					D
	Other Observation, Extent: Light	, Area Affected : 0%				
	Location:	. 30				
	Explanation : Underneath Bridg	ge Under Construction				
Footings						
Not Accessible	100%					D
Joint with Deck						
Generic	80%	LIFE	* *			В
Generic	20% 4+ \$8,	900 LIFE	* *			В
	Misaligned/Bulging, Extent : Ligh	nt, Area Affected : 10%				
	Location : At West Abutment					
Mat (scour & erosion)						
Earth	100%	LIFE	* *			В
Stem (breastwall)						
Not Accessible	100%					D
	Other Observation, Extent : Light	, Area Affected : 0%				
	Location:					
	Explanation : Underneath Bridg	ge Under Construction				
ingwalls						
Footings Not Accessible	1000/					D
	100%					D
Mat (scour & erosion) Earth	100%	LIFE	* *			С
Piles	10070	LII'E				C
Not Accessible	100%					D
Walls	10070					
Not Accessible	100%					D
	Other Observation, Extent: Light	, Area Affected : 0%				_
	Location:	. 55				
	Explanation : Underneath Bridg	ge Under Construction				

Approaches

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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH

Asset #: 2937

Bridge Structure	Current Re	Future	e Replacement	Maintenance				
ystem Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
pproaches								
Pavement	0004		2024	4111 000		Φ2.400	<u> </u>	
Asphalt	80%	Φ2 000	2024	\$111,900	4	\$3,400	C	
Asphalt	20% 2-4	\$2,800	2021	\$28,000	4	\$2,300	C	
	Cracks, Extent : Moderate, Area Affected : 20% Location : Random At East Approach							
	Spalling, Extent: Moderate, Area Affected: 20%							
	Location : Random At East Approach							
		Ейзі Прргойсіі	2022	* *	4	¢200		
Concrete	95% 5% 4+		2032	* *	4	\$200	C	
Concrete		Area Affected : 1	2032	-11-	4	\$100	C	
	Cracks, Extent : Light, Area Affected : 10% Location : Random At West Approach							
Curbs	Location . Random Al	wesi Approuch						
Curos Concrete w/ Steel Face	80% 4+	\$6,200	LIFE	* *			A	
	Rust Stains, Extent : Lig						7.1	
	Location : Random A							
Concrete w/ Steel Face	20% 2-4	\$1,600	LIFE	* *			A	
Concrete w/ Steer race	Broken/Missing Element, Extent: Moderate, Area Affected: 30%							
	Location: Spalled And Missing Concrete Behind Steel Curb Face At West Approach							
Embankment						TT ·····		
Earth	80%		LIFE	* *			C	
Earth	20% 4+		LIFE	* *			C	
	Settlement, Extent : Light, Area Affected : 10%							
	Location: At Joint At	We st Approach						
Pavement Base								
Not Accessible	100%						D	
Sidewalks								
Concrete	50%		LIFE	* *			C	
Concrete	50% 2-4	\$26,200	LIFE	* *			C	
ers	Cracks, Extent : Moder Location : Random	ate, Area Affecte	ed: 25%					
		A A CC .	1 500/					
	Settlement, Extent : Severe, Area Affected : 50% Location : Random							
	Location : Ranaom Spalling, Extent : Moderate, Area Affected : 30%							
	Location: Random	raie, Area Ajjeci	iea . 5070	,				
	Locusion . Randolli							
Cap Beam								
Not Accessible	100%						D	
	Other Observation, Extent : Light, Area Affected : 0%							
	Location:							
	Explanation: Underneath Bridge Under Construction							
Pier,Columns		-						
Not Accessible	100%						D	
	Other Observation, Extent : Light, Area Affected : 0%							
	Location:							
	Explanation: Undern	eath Bridge Und	ler Const	ruction				

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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH

Asset #: 2937

Bridge Structure	Current Repair		Futur	e Replacement	Maintenance				
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Piers									
Stem,Solid Pier								D	
Not Accessible	100%								
		Other Observation, Extent : Light, Area Affected : 0%							
	Location			1 0	•				
D. A. DI. D. I	Explanai	tion : Underned	ath Bridge Und	ter Consi	truction				
Brngs,Ancr Blts,Pads Not Accessible	100%							D	
Not Accessible		ervation, Exter	nt · Light Area	Affected	1 · 0%			D	
	Location		ii . Ligiii, mea	1111100100	. 070				
	Explanation: Underneath Bridge Under Construction								
Footings	T								
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%			LIFE	* *			A	
Pedestals									
Not Accessible	100%							D	
	Other Observation, Extent: Light, Area Affected: 0%								
	Location:								
	Explanat	tion : Underned	ath Bridge Und	der Consi	truction				
Deck Elements									
Curbs	1000/			LIEE	* *				
Concrete w/ Steel Face	100%			LIFE	* *			A	
Gratings Steel	100%			LIFE	* *			٨	
	100%			LIFE				A	
Railings/Parapets Concrete	100%			2032	* *	4		A	
Steel	100%			LIFE	* *	2-8		A	
Sidewalks	10070			LII L		2 0		71	
Concrete	90%			2028	* *	5	\$13,400	C	
Concrete	10%	4+	\$8,000	2028	* *	5	\$6,700	Č	
Concrete	Cracks, Extent: Moderate, Area Affected: 20%								
	Location: Random								
Wearing Surface									
Concrete	80%			2032	* *	5	\$54,300	C	
Concrete	20%	4+	\$31,900	2032	* *	5	\$27,200	C	
	Cracks, Ex	Cracks, Extent : Light, Area Affected : 10%							
	Location	: Transverse (Crack						
Superstructure									
Deck,Structural									
Not Accessible	100%						D		
		Other Observation, Extent: Light, Area Affected: 0%							
	Location		1 70 1 1 2 -						
	Explanat	tion : Underned	ath Bridge Und	ter Consi	truction				

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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH

Bridge Structure	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
Superstructure				
Primary Member				
Not Accessible	100%			D
	Other Observation, Extent : Light, Area	Affected : 0%		
	Location:			
	Explanation: Underneath Bridge Und	ler Construction		

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 11TH AVE VIADUCT (RAMP) W.33 ST/AMTRAK 30TH ST.BRANCH

Address : WEST 33 STREET

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0066.0B0 / 2933 Yr Built/Renovated : 1934 /

Area Sq Ft : 16,500 Project Type : HIGHWAY BRIDGES

Date of Survey : 25-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 224501B

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Bridge Structure	\$1,126,700	\$1,020,600	
Total	\$1,126,700	\$1,020,600	
Priority A	\$775,100	\$362,900	
Priority B	\$351,600	\$409,800	
Priority C		\$247,900	
Total	\$1,126,700	\$1,020,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$154,000	\$27,300	\$83,900	
Total	\$154,000	\$27,300	\$83,900	
Priority A	\$92,800		\$33,000	
Priority B	\$8,900		\$41,100	
Priority C	\$52,200	\$27,300	\$9,800	
Total	\$154,000	\$27,300	\$83,900	



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

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

Asset #: 2933

idge Structure	Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
utments							
Bridge Seat&pedestals							
Concrete	80%		LIFE	* *			A
Concrete	20% 4+	\$3,000	LIFE	* *			A
	Cracks, Extent: Seve	re, Area Affected :	30%				
	Location: Random						
	Spalling, Extent : Sev	vere, Area Affected	: 30%				
	Location : Random						
Backwall							
Concrete	100% 4+	\$12,900	LIFE	* *			C
	Cracks, Extent : Ligh		2%				
	Location : Front Fo	-					
	Efflorescence, Extent		cted : 2%				
	Location : Front Fo	•					
	Rust Stains, Extent : Location : Front Fo		ted : 30%				
Brngs,Ancr Blts,Pads							
Steel	70%		LIFE	* *			A
Steel	30% 0-2	\$23,700	LIFE	* *			A
	Corrosion, Extent : S Location : Random	evere, Area Affecto	ed : 40%				
	Rust Stains, Extent : Location : Random	Severe, Area Affec	ted : 40%				
Footings							
Not Accessible	100%						D
Joint with Deck							
Generic	40%		LIFE	* *			В
Generic	60% Now	\$114,100	LIFE	* *			В
	Broken/Missing Elem Location : Random	nent, Extent : Sever	e, Area A	ffected : 30%			
	Corrosion, Extent : L Location : Steel Me						
	Leakage, Extent : Sev Location : Random	vere, Area Affected	: 70%				
	Other Observation, E Location : Various	Extent : Light, Area	Affected	: 70%			
	Explanation : Cons	truction Operation	s On-goir	าย			
Mat (scour & erosion)			- 650	0			
Earth	100%		LIFE	* *			В
Pedestals	· · · · · · · · · · · · · · · · · · ·		<u> </u>				
Concrete	80%		LIFE	* *			Α
Concrete	20% 4+	\$29,700	LIFE	* *			A
	Cracks, Extent : Ligh Location : Random						
	Spalling, Extent : Mo Location : Random		ted : 20%	ó			

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

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

Asset #: 2933

ridge Structure	Current F	Repair	Futur	e Replacement	М	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
outments	•		•				
Stem (breastwall)							
Concrete	80%		LIFE	* *			В
Concrete	20% 4+	\$76,200	LIFE	* *			В
	Cracks, Extent: Ligh	t, Area Affected : .	10%				
	Location: Random	. C 4 4	cc , 1 c	2007			
	Delaminations, Extended Location: Random	t : Severe, Area A	ffectea : 3	0%			
		ht Amag Affacted	50/				
	Spalling, Extent: Lig Location: Front Fo		3%				
ingwalls	Locuiton . I Tom I c	ec of Siem wan					
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Earth	100%		LIFE	* *			C
Piles							
Not Accessible	100%						D
Walls							
Masonry: Schist/Gneiss	100%		LIFE	* *			C
pproaches							
Pavement	0.504		2024	4210 500		\$5.100	~
Asphalt	85%	¢2.700	2024	\$210,700	4	\$6,100	C
Asphalt	15% 2-4 Cracks, Extent: Ligh Location: Random	\$3,700 t, Area Affected :	2024 10%	\$37,200	4	\$4,000	С
Concrete	100%		2038	* *	4	\$6,200	С
Curbs	10070		2050		•	Ψ0,200	
Concrete w/ Steel Face	95%		LIFE	* *			A
Concrete w/ Steel Face	5% 4+	\$100	LIFE	* *			A
	Rust Stains, Extent : Location : Through	Moderate, Area A <u>f</u>	fected : 5	0%			
	Vegetation Growth, E Location: Random	Extent : Light, Ared	a Affected	: 10%			
Guide Railing							
Concrete	100%		2032	* *	4	\$2,100	A
	Other Observation, E Location: South Sig	_	ı Affected	: 100%			
			o Caudh C	ide Of The Dame			
G. 1	Explanation : Conc	reie wan is On In		**	2.0	Φ1. 5 00	
Steel	95%	¢700	LIFE	* *	2-8	\$1,500	A
Steel	5% Now Broken/Missing Elem Location: Random	\$700 ent, Extent : Mode	LIFE erate, Are		2-8	\$1,500	A
	Other Observation, E Location : North Sid	_			•		
	Explanation : Steel Abutment Is Broken	Fence Is On The N		-		om End Of	
Pavement Base Not Accessible	100%						D

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

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

Asset #: 2933

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Sidewalks								~
Concrete	80%			LIFE	* *			C
Concrete	20%	2-4	\$5,200	LIFE	* *			C
		_	t, Area Affected : .	5%				
			st Sidewalk	1 100/				
			ight, Area Affected	a: 10%				
			st Sidewalk	A A CC	. 1 200/			
	_	n Growtn, E 1 : Random	Extent : Moderate,	Area Affe	ectea : 20%			
Diama	Location	i : Kanaom						
Piers Pier,Columns								
Concrete Encased Steel	85%			LIFE	* *	5	\$900	В
Concrete Encased Steel		4+	\$300	LIFE	* *	5	\$900	В
Concrete Encased Steel			t, Area Affected : .			3	Ψ700	ъ
			rete Encasement In		Of Column			
			ht, Area Affected :		- y			
			e Encasement At B		Column			
Steel	90%			LIFE	* *	2-8	\$119,700	В
Steel	10%	4+	\$42,900	LIFE	* *	2-8	\$119,700	В
Steel			۶42,900 Light, Area Affecte			2-0	\$119,700	Ь
		ı : Random	ыдт, ттей тујесте	u . 1070				
			Extent : Moderate,	Area Affe	ected · 10%			
	Location		internal internation	11.00.11990				
			mn Encasement - C	Concrete -	- Is Damaged At 1	Column		
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE	* *	2-8	\$1,800	A
Steel	50%	2-4	\$131,500	LIFE	* *	2-8	\$1,800	A
	Corrosion	, Extent : N	Ioderate, Area Aff	ected : 10	0%			
	Location	: Random						
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								
Steel	80%			LIFE	* *			В
Steel	20%	4+	\$8,600	LIFE	* *			В
	Rust Stain	s, Extent:	Moderate, Area A <u>f</u>	fected : 2	0%			
	Location	: Random						
Deck Elements								
Curbs								
Concrete w/ Steel Face	90%			LIFE	* *			A
Concrete w/ Steel Face	10%		\$23,200	LIFE	* *			A
		_	ient, Extent : Sevei	re, Area A	Affected : 80%			
		issing Elem i : Random	nent, Extent : Sevei	re, Area A	Affected : 80%			
Railings/Parapets Concrete		_	nent, Extent : Sever	re, Area A 2032	Affected : 80% * *	4	\$12,800	A

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

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

Asset #: 2933

Bridge Structure	Current Repair	Future Replacement	N	laintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority Code			
Deck Elements								
Sidewalks	0.504	2020		#12.100	~			
Concrete	95%	2028 *	5	\$13,400	C			
Concrete	5% 4+ \$2,000 Spalling, Extent : Moderate, Area Affe	2020	* 5	\$6,700	C			
	Location : Approximately 2 Square F							
Wearing Surface								
Concrete	95%	2032 *	* 5	\$54,600	C			
Concrete	5% 4+ \$2,000	2032 *		\$27,300	C			
	Cracks, Extent : Light, Area Affected : Location : Random	10%						
	Recent Repair Evident, Extent: Light,	Area Affected : 40%						
	Location : Asphalt Repair At Longitu	dinal Joints						
	Spalling, Extent: Light, Area Affected	: 5%						
	Location: Random							
Superstructure								
Deck,Structural	050/	TIEE *	* =	¢10.200				
Concrete	95% Other Observation, Extent : Light, Are	LILE	* 5	\$18,200	A			
	Location : Center Of Structure							
	Explanation: Covered By Timber Sh	ieldino						
Concrete	5% 4+ \$7,500	LIFE *	* 5	\$18,200	A			
Concrete	Cracks, Extent: Light, Area Affected:		3	Ψ10,200	71			
	Location : Random							
	Delaminations, Extent : Light, Area Af	fected : 20%						
	Location: Random							
	Exposed Reinforcement, Extent: Light	, Area Affected : 2%						
	Location : Adjacent To Joint In Midd							
	Spalling, Extent: Light, Area Affected							
	Location: Wood Decking In Middle	Bay For 5 Spans						
Joints	500/	TIEE *	Ψ.		C			
Generic	50%	LIIL			C			
Generic	30% 2-4 \$13,500 Leakage, Extent : Moderate, Area Affe	LITE	•		C			
	Location: Throughout	cieu . 5070						
	Other Observation, Extent : Moderate,	Area Affected : 20%						
	Location: Throughout	<i>JJ</i>						
	Explanation : Damaged Armor Joint							
Generic	20% Now \$10,800	LIFE *	*		С			
	Broken/Missing Element, Extent : Seve Location : At End Bridge	re, Area Affected : 60%						
Primary Member								
Steel	85%	LIFE *	2-0	\$305,000	A			
Steel	15% 2-4 \$643,600	LIFE *	* 2-8	\$305,000	A			
	Corrosion, Extent : Severe, Area Affect	ted : 40%						
	Location: Random	CC 1 100/						
	Loss of Section, Extent : Light, Area Aj	tfected : 10%						
	Location: Random							

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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVE VIADUCT (RAMP) W.33 ST/AMTRAK 30TH ST.BRANCH

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure								
Secondary Member								
Steel	80%			LIFE	* *	2-8	\$255,500	В
Steel	20%	4+	\$118,500	LIFE	* *	2-8	\$255,500	В
	Rust Stains	s, Extent : l	Moderate, Area Afj	ected : 2	20%			
	Location	: Random						

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 11TH AVENUE VIADUCT LIRR W. SIDE YARD

Address : 30TH-36TH ST, 10TH-11TH AVE. LIRR WEST SIDE YARD

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0066.000 / 2491 Yr Built/Renovated : 1934 /

Area Sq Ft : 157,500 Project Type : HIGHWAY BRIDGES

Date of Survey : 18-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2245010

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$914,400	\$882,300
Total	\$914,400	\$882,300
Priority B	\$73,500	
Priority C	\$840,800	\$882,300
Total	\$914,400	\$882,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$121,000	\$17,100		\$16,700
Total	\$121,000	\$17,100		\$16,700
Priority A	\$52,200	\$16,000		
Priority C	\$68,800	\$1,100		\$16,700
Total	\$121,000	\$17,100		\$16,700



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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVENUE VIADUCT LIRR W. SIDE YARD

Asset #: 2491

Bridge Structure		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck Generic Generic	50% 50% Broken/M	0-2	\$73,500 nent, Extent : Light,	LIFE LIFE Area At	* * * * Fected : 100%			B B
		: Random	· ·	, 11, 00, 12,	, , , , , , , , , , , , , , , , , , , ,			
Mat (scour & erosion) Earth	100%			LIFE	* *			В
Pedestals Not Accessible	100%							D
Stem (breastwall) Not Accessible	100%							D
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			С
Piles Not Accessible	100%							D
Walls	0.0				als als			~
Concrete Concrete	80% 20%	2-4	\$41,800	LIFE LIFE	* *			C C
	Location Joints Mis	: Random sing, Exten	nt, Area Affected: I Locations nt: Light, Area Affe d Throughout		9%			
Approaches								
Pavement Asphalt Concrete Concrete	100% 80% 20% Cracks, E.	2-4 ctent : Ligh	\$19,300 at, Area Affected : 1	2025 2027 2027	\$154,600 ** **	4 4 4	\$3,300 \$33,400 \$33,400	C C C
	Location Spalling, I	: Scattered	d Throughout ht, Area Affected :					
Curbs	400:				a			
Concrete w/ Steel Face		s, Extent : : : Random	Light, Area Affecte Locations	LIFE d : 100%	**			A

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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVENUE VIADUCT LIRR W. SIDE YARD

Asset #: 2491

Bridge Structure	(Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Guide Railing								
Concrete	80%			2033	* *	4	\$8,600	A
Concrete	20%	4+	\$5,000	2033	* *	4	\$5,700	Α
		_	Area Affected : .	10%				
	Location :	Random L	ocations					
Pavement Base	1000/							Ъ
Not Accessible	100%							D
Sidewalks Concrete	80%			LIFE	* *			C
Concrete	20%	4+	\$15,300	LIFE	* *			C C
Concrete			\$15,500 Area Affected : :					C
	Location:	_		570				
			tent : Light, Ared	a Affected	! : 10%			
	Location :			a rijjeered	. 10/0			
Piers								
Cap Beam								
Not Accessible	100%							D
Pier, Columns								
Not Accessible	100%							D
Stem,Solid Pier								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)	400							
Earth	100%			LIFE	* *			Α
Pedestals	1000/							ъ
Not Accessible	100%							D
Deck Elements Curbs								
Concrete w/ Steel Face	98%			LIFE	* *			A
Concrete w/ Steel Pace		Extent · Li	ght, Area Affecte					A
	Location:							
Concrete w/ Steel Face		Now	\$17,600	LIFE	* *			Λ
Colicieté W/ Steel Face			ent : Moderate,					Α
	Location:			лгей Ајје	cieu . 0070			
			z / Separated Or	Damage	d Steel Plate			
Railings/Parapets	Dapianano	1.11001118	, , separatea Or	- Januage				
Concrete	90%			2033	* *	4	\$39,500	A
Concrete	10%	4+	\$29,600	2033	* *	4	\$26,300	A
Convicto		ent : Light,	Area Affected : .			·	420,000	
			ent : Light, Area	ı Affected	: 100%			
			3th And 34th Str					
			nder Constructio					
Steel	100%			LIFE	* *	2-8		A

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

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

DEPARTMENT OF TRANSPORTATION - 841 11TH AVENUE VIADUCT LIRR W. SIDE YARD

Bridge Structure	C	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Sidewalks								
Concrete	80%			2029	* *	5	\$84,000	C
Concrete	20% Cracks, Exte Location : 1		\$23,100 , Area Affected : I Locations	2029	* *	5	\$42,000	С
Wearing Surface								
Concrete	95%			2033	* *	5	\$643,700	C
Concrete	Cracks, Exte Location :	Random I ent : Ligh	nt, Area Affected :		**	5	\$321,900	С
Scupper		100000000000000000000000000000000000000						
Cast Iron	40%			LIFE	* *			C
Cast Iron	60% Drains Clogs	-	\$51,100 nt : Severe, Area A Throughout	LIFE	* *			Č
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Joints								
Generic	Location : . Misaligned/E	Scattered Bulging, E	\$230,400 : Moderate, Area Throughout Extent : Moderate, Throughout					С
Generic	40%	0-2	\$153,600	LIFE	* *			С
	Location : A Leakage, Ext	At 34th St tent : Mod	ent, Extent : Mode	rate, Are ted : 30%				
Primary Member			,					
Not Accessible Secondary Member	100%							D
Not Accessible	100%							D

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W125TH ST.& OTHERS

Address : RIVERSIDE DR,ST.CLAIRES,134 ST

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0068.000 / 2662 Yr Built/Renovated : 1897 /

Area Sq Ft : 148,338 Project Type : HIGHWAY BRIDGES

Date of Survey : 08-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2246660

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$5,685,000	\$4,301,400
Total	\$5,685,000	\$4,301,400
Priority A	\$2,756,000	\$1,723,700
Priority B	\$2,652,300	\$2,152,300
Priority C	\$276,700	\$425,400
Total	\$5,685,000	\$4,301,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$1,559,100	_	\$381,900	\$800
Total	\$1,559,100		\$381,900	\$800
Priority A	\$620,400		\$150,600	\$800
Priority B	\$854,400		\$215,900	
Priority C	\$84,300		\$15,400	
Total	\$1,559,100		\$381,900	\$800



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

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

Asset #: 2662

Bridge Structure	Current Re	epair	Future Replacement		ement Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Abutments								
Bridge Seat&pedestals								
Granite	100% 4+	\$19,100	LIFE	* *			A	
	Other Observation, Ex	_	Affected	: 5%				
	Location : At Top Of							
Backwall	Explanation: Missin	g Mortar						
Granite	75%		LIFE	* *			C	
Granite	25% 4+	\$20,500	LIFE	* *			C	
Granice	Efflorescence, Extent :			6			C	
	Location : End Abuti							
Brngs,Ancr Blts,Pads								
Not Accessible	100%						D	
Footings								
Not Accessible	100%						D	
Joint with Deck								
Generic	100% 4+	\$13,000	LIFE	* *			В	
	Other Observation, Ex			cted : 10%				
	Location: Througho							
Mat (scour & erosion)	Explanation : Cracks	s in Heaaer Conc.	reie					
Earth	100%		LIFE	* *			В	
Pedestals	10070		EH E					
Concrete	100%		LIFE	* *			A	
Stem (breastwall)								
Granite	92%		LIFE	* *			В	
Granite	8% 4+	\$246,200	LIFE	* *			В	
	Cracks, Extent: Light,		20%					
	Location : At End Al							
	Efflorescence, Extent:		Affected :	30%				
	Location : At Beginn	_						
	Vegetation Growth, Ex			cted : 50%				
	Location : At Beginn	_		20/				
	Other Observation, Ex	_	Affectea	: 2%				
	Location : At End Al Explanation : Rust S							
Wingwalls	Explanation . Rust S	iuming						
Footings								
Not Accessible	100%						D	
Mat (scour & erosion)	<u> </u>							
Earth	100%		LIFE	* *			C	
Piles								
Not Accessible	100%						D	

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

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

Asset #: 2662

ridge Structure	Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ingwalls								
Walls	000/			LIDE	* *			a
Granite	90%		¢24.700	LIFE	* *			C
Granite	10%		\$34,700	LIFE	* *			C
		n : At End A	erate, Area Affecto butment	ea . 570				
			: Moderate, Area	Affected	. 25%			
			ning And End Abu		. 2370			
		_	Extent : Moderate,		ected : 50%			
	_	n : At End A		33				
	Other Ob	servation, E	xtent : Light, Area	a Affected	1:5%			
		n : At End A						
	Explana	ation : Missii	ng Mortar					
pproaches								
Pavement								
Asphalt	100%		\$9,900	2026	* *	4	\$8,100	С
		_	t, Area Affected : .	5%				
_		n : At End O	у Авитепт				422.222	
Concrete	50%		Φ10 2 00	2034	* *	4	\$30,800	C
Concrete	50%		\$19,200	2034	**	4	\$30,800	C
		epair Eviaen n : At End A	t, Extent : Light, A	Area Ajje	ciea : 10%			
			ight, Area Affecte	d : 2%				
	Location	n : At End A	butment					
			derate, Area Affec	ted : 50%	6			
	Location	n : At End A	butment					
Curbs	1000/			LIPP	* *			
Concrete w/ Steel Face	100%		Moderate, Area A <u>j</u>	LIFE				A
		ns, Extent . N n : At End A		јестеа . 1	.070			
Embankment	Locuitor	T. THE EMATE	.oumeni					
Earth	100%	1		LIFE	* *			С
Mat (scour & erosion)	10070							
Earth	100%)		LIFE	* *			A
Railings/Parapets								
Concrete	100%	4+	\$6,700	2034	* *			A
			t, Area Affected :	10%				
	Location: Throughout							
	Spalling, Extent: Light, Area Affected: 5%							
	Location	n : Random	Locations Throug					
Granite	90%			LIFE	* *			A
Granite	10%		\$25,200	LIFE	**			A
	_		Extent : Severe, Ar					
			apstone Of Beginn					
			xtent : Severe, Are					
			roach And Begin A					
	Expiana	uion : Missii	ng Ana Broken El	ement An	d Missing Mortar			

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

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

Asset #: 2662

Bridge Structure	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Sidewalks								
Asphalt	100%	4+	\$47,500	2026	* *	4	\$8,100	С
			lerate, Area Affecte	ed: 10%				
		: Northwe			20/			
		, Extent : N : Northwe	Ioderate, Area Affa at Cornor	естеа : 10	0%			
Company	100%	. Northwe	si Corner	LIDD	* *			
Concrete	100%			LIFE				С
Piers Cap Beam								
Steel	90%			LIFE	* *	2-8	\$125,100	A
Steel	10%	4+	\$19,900	LIFE	* *	2-8	\$74,800	A
		, Extent : L	ight, Area Affectea				, , , , , , , , , , , , , , , , , , , ,	
			Flanges Of The B		ember, And Throug	ghout La	tticing	
Pier,Columns								
Steel	100%			LIFE	* *	2-8	\$3,228,000	В
			Light, Area Affecte					
	Location	: Random	Locations Through	hout				
Stem,Solid Pier	0.0-1				ate ate			_
Granite	90%		*** ******	LIFE	* *			В
Granite	10%	4+	\$253,800	LIFE	* *			В
			: Light, Area Affeo ag Approach	ctea : 20)	% 0			
		_	ig Approach Extent : Moderate, .	Araa Aff	acted · 20%			
	_		ig Approach	Агеи Ауј	eciea . 2070			
Brngs,Ancr Blts,Pads	Locuiton	. Beginnin	es ripproden					
Not Accessible	100%							D
Footings	10070							
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
			Locations Through					
	Explana	tion : Pave	d Underneath, Brid	ck Pavers	At Pier 1			
Piles	1000/							ъ
Not Accessible	100%							D
Deck Elements								
Curbs Concrete w/ Steel Face	100%			LIFE	* *			٨
Colicieté w/ Steel Face		s Frient .	Moderate, Area Af					Α
		s, Extent . I : Through		icica . S	0,0			

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

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

Asset #: 2662

Bridge Structure	Current Repair	Current Repair Future Replacement Maintenance				
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements		•				
Railings/Parapets						
Masonry	90%	2034	* *	5	\$1,600	A
Masonry	10% 4+	\$7,600 2034	* *	5	\$800	A
	Other Observation, Extent Location: Begin Abutmer	ıt				
	Explanation: Missing Mo				44.5.7.500	
Steel	100% Rust Stains, Extent: Light, Location: Throughout	LIFE Area Affected : 5%	**	2-8	\$125,200	A
Sidewalks						
Concrete	90%	2030	* *	5	\$72,300	C
Concrete	10% 4+	\$43,000 2030	* *	5	\$36,200	C
	Cracks, Extent : Light, Area Location : Throughout	a Affected : 10%				
Wearing Surface						
Asphalt	100%	2026	* *	5		C
	Other Observation, Extent	: Light, Area Affected	: 100%			
	Location: Span No. 1					
	Explanation : At Span No					
Concrete	100% 4+ Cracks, Extent : Light, Area Location : Throughout	\$186,200 2034 a Affected : 2%	* *	5	\$316,900	С
Scupper						
Cast Iron	100% Other Observation, Extent Location : Throughout Explanation : Total Of 16		* *			С
Superstructure	1					
Deck,Structural						
Concrete	100% Other Observation, Extent Location : Throughout	LIFE : Light, Area Affected	* *	5	\$326,500	A
	Explanation: Bottom Side	e Of Slab Covered By	Stay-in-place Fort	ns		
Joints						
Steel	100%	LIFE	* *			C
Primary Member						
Concrete	70%	LIFE	* *	5	\$61,100	A
Concrete	30% 0-2 \$ Other Observation, Extent Location: Span 1	1,125,600 LIFE : Moderate, Area Affe	* * cted : 40%	5	\$30,500	A
	Explanation : Hollow Are Mesh	ea Of Brick Veneers; M	Aissing Elements A	and Cove	red With Steel	
Steel	100%	LIFE	* *	2-8	\$4,512,300	A
Secondary Member						

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 21ST STREET BRIDGE

Address : 21ST STREET

Borough : QUEENS Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOT0170.000 \, / \, 13578 \qquad \qquad Yr \, Built/Renovated \quad : \, \\$

Area Sq Ft : 17,590 Project Type : HIGHWAY BRIDGES

Date of Survey : 11-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2247270

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$253,100	\$53,500
Total	\$253,100	\$53,500
Priority B	\$53,500	\$53,500
Priority C	\$199,600	
Total	\$253,100	\$53,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$129,700	_	\$10,000	\$34,600
Total	\$129,700		\$10,000	\$34,600
Priority A	\$13,800		\$4,600	
Priority B	\$66,200		\$5,400	
Priority C	\$49,800			\$34,600
Total	\$129,700		\$10,000	\$34,600



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

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

DEPARTMENT OF TRANSPORTATION - 841 21ST STREET BRIDGE

Asset #: 13578

System Component Type % of Total Fail Date Estimated Cost Year Year	D D D B B B
Bridge Seat&pedestals Not Accessible Backwall Not Accessible 100% Brngs,Ancr Blts,Pads Not Accessible 100% Footings Not Accessible 100% Joint with Deck Generic Generic 50% LIFE ** Missing/Damaged Seal, Extent: Light, Area Affected: 10% Location: Throughout Mat (scour & erosion) Earth 100% LIFE **	D D D
Not Accessible 100% Backwall Not Accessible Brngs, Ancr Blts, Pads 100% Not Accessible 100% Footings Not Accessible Not Accessible 100% Joint with Deck LIFE * * Generic 50% LIFE * * Missing/Damaged Seal, Extent : Light, Area Affected : 10% Location : Throughout Mat (scour & erosion) Earth 100% LIFE * *	D D D
Backwall Not Accessible Brngs,Ancr Blts,Pads Not Accessible 100% Footings Not Accessible 100% Joint with Deck Generic Generic 50% LIFE ** Missing/Damaged Seal, Extent: Light, Area Affected: 10% Location: Throughout Mat (scour & erosion) Earth 100% LIFE **	D D D
Not Accessible 100% Brngs, Ancr Blts, Pads 100% Footings Not Accessible Not Accessible 100% Joint with Deck LIFE * * Generic 50% LIFE * * Generic 50% 4+ \$21,200 LIFE * * Missing/Damaged Seal, Extent : Light, Area Affected : 10% Location : Throughout Mat (scour & erosion) Earth 100% LIFE * *	D D B
Brngs, Ancr Blts, Pads	D D B
Not Accessible 100%	D B
Not Accessible 100%	D B
Not Accessible 100%	В
Joint with Deck Generic 50% LIFE * * *	В
Generic 50% LIFE * *	
Generic 50% 4+ \$21,200 LIFE ** Missing/Damaged Seal, Extent: Light, Area Affected: 10% Location: Throughout Mat (scour & erosion) Earth 100% LIFE **	
Missing/Damaged Seal, Extent: Light, Area Affected: 10% Location: Throughout Mat (scour & erosion) Earth 100% LIFE **	В
Location : Throughout Mat (scour & erosion) Earth 100% LIFE **	
Mat (scour & erosion) Earth 100% LIFE **	
Earth 100% LIFE **	
Dodastala	В
Not Accessible 100%	D
Stem (breastwall)	
Concrete 100% LIFE **	В
Wingwalls	
Footings	
Not Accessible 100%	D
Mat (scour & erosion)	a
Earth 100% En E	C
Piles 1000	ъ
Not Accessible 100%	D
Walls Macony 50% 4 \$16,400 LIFE **	C
Masonry 50% 4+ \$16,400 LIFE ** Spalling, Extent: Moderate, Area Affected: 5%	C
Location : Random Locations Throughout	
Masonry 50% LIFE **	С
Other Observation, Extent: Light, Area Affected: 100%	
Location: Throughout	
Explanation : Not Accessible	
Approaches Pavement	
	2,900 C
Cracks, Extent: Moderate, Area Affected: 20%	2,900 C
Location: East And West End	
Recent Repair Evident, Extent : Light, Area Affected : 15%	
Location : East Side	
	0.700
Concrete 100% 4+ \$24,500 2034 ** 4 \$1' Spalling, Extent: Moderate, Area Affected: 5%	9,700 C
Spaning, Extent : Moderale, Area Affected : 5% Location : Along Joint Header	

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

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

DEPARTMENT OF TRANSPORTATION - 841 21ST STREET BRIDGE

Asset #: 13578

Bridge Structure	Current Repair		Futur	e Replacement	Maintenance			
System Component Type		l Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches								
Curbs Concrete w/ Steel Face	Rust Stains, Ex	4+ \$2,400 ktent : Light, Area Affecte oth Approaches	LIFE d : 20%	* *			A	
Embankment Earth	100%		LIFE	* *			С	
Mat (scour & erosion) Earth	100%		LIFE	* *			A	
Sidewalks Concrete	_	owth, Extent : Light, Area andom Locations Through		**			С	
Piers		0						
Cap Beam Not Accessible	100%						D	
Pier,Columns Steel	100%		LIFE	* *	2-8	\$252,600	В	
Stem,Solid Pier Not Accessible	100%						D	
Brngs,Ancr Blts,Pads Not Accessible	100%						D	
Footings Not Accessible	100%						D	
Mat (scour & erosion) Earth	100%		LIFE	* *			A	
Pedestals Not Accessible	100%						D	
Piles Not Accessible	100%						D	
Deck Elements								
Curbs Concrete w/ Steel Face		4+ \$4,600 xtent : Light, Area Affecte broughout	LIFE d : 100%	* *			A	
Railings/Parapets								
Concrete	100%		2034	* *	4	\$8,400	A	
Steel		1+ \$6,900 ktent : Light, Area Affecte hroughout	LIFE d : 10%	* *	2-8	\$11,500	A	
Sidewalks								
Concrete	100%		2030	* *	5	\$11,100	C	
Wearing Surface Concrete	100%		2034	* *	5	\$69,100	С	
Superstructure								
Deck,Structural Not Accessible	100%						D	

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

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

DEPARTMENT OF TRANSPORTATION - 841 21ST STREET BRIDGE

Bridge Structure	Current Re	pair	Future	Replacement	Ma	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure							
Joints							
Steel	100% 4+	\$199,600	LIFE	* *			C
	Broken/Missing Elemen	nt, Extent : Light,	Area Affe	ected : 20%			
	Location: Throughou	ıt					
Primary Member							
Not Accessible	100%						D
Secondary Member							
Not Accessible	100%						D

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 31ST STREET BRIDGE

Address : 31ST STREET OVER BROOKLYN/QUEENS EXPRESSWAY

Borough : QUEENS Agency's Number : N/A

Program / Asset # : DOT0175.000 / 13670 Yr Built/Renovated :

Area Sq Ft : 9,500 Project Type : HIGHWAY BRIDGES

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

Areas Surveyed :

Block : Lot : BIN : 2230657

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$1,464,100	\$396,400
Total	\$1,464,100	\$396,400
Priority A	\$1,105,000	\$94,000
Priority B	\$205,900	\$94,000
Priority C	\$153,300	\$208,400
Total	\$1,464,100	\$396,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$34,700	_	\$19,000	\$6,200
Total	\$34,700		\$19,000	\$6,200
Priority A	\$2,600		\$9,600	
Priority B	\$22,200		\$9,400	
Priority C	\$9,900			\$6,200
Total	\$34,700		\$19,000	\$6,200



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

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

DEPARTMENT OF TRANSPORTATION - 841 31ST STREET BRIDGE

Bridge Structure	Current I	Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments	•						
Bridge Seat&pedestals							
Not Accessible	100%						D
Backwall	400						_
Not Accessible	100%						D
Brngs, Ancr Blts, Pads	1000/						
Not Accessible	100%						D
Footings	1000/						
Not Accessible	100%						D
Joint with Deck	1000/			ماد ماد			
Generic	100%		LIFE	* *			В
Mat (scour & erosion)	1000/			de de			
Generic	100%		LIFE	* *			В
Pedestals	1000/						
Not Accessible	100%						D
Stem (breastwall)							_
Concrete	100% 4+	\$22,200	LIFE	* *			В
	Cracks, Extent : Ligh		5%				
	Location : Random		1 50/				
	Rust Stains, Extent : Location : Random	-	rd: 5%				
Wingwalls	Location : Random	•					
Footings							
Not Accessible	100%						D
Mat (scour & erosion)	10070						
Earth	100%		LIFE	* *			C
Piles	10070		Dir E				
Not Accessible	100%						D
Walls	10070						
Concrete	90%		LIFE	* *			C
Concrete	10% 4+	\$153,300	LIFE	* *			Č
	Efflorescence, Exten						
	Location : Random						
	Spalling, Extent : Lig	ht. Area Affected :	5%				
	Location : Random						
Approaches							
Pavement							
Asphalt	100% 4+	\$2,300	2024	\$113,200	4	\$2,700	С
1	Cracks, Extent: Ligh						
	Location : Random						
	Settlement, Extent : I	Light, Area Affected	d: 10%				
	Location : Random						

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

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

DEPARTMENT OF TRANSPORTATION - 841 31ST STREET BRIDGE

Asset #: 13670

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Curbs	0.004				ate ate			
Concrete	90%	4	Φ1. 5 00	LIFE	* *			A
Concrete	10%	4+	\$1,500	LIFE				A
		ssing Eiem : Random	ent, Extent : Light	, Area A <u>j</u>	jeciea : 10%			
			ight, Area Affected	1 · 5%				
		: Random	ugni, mea mjecie	570				
			ht, Area Affected :	8%				
	-	: Random	, 11. ea 135 eerea 1	0,0				
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Not Accessible	100%							D
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%	4+	\$2,000	LIFE	* *			C
			t, Area Affected : 4	1%				
	Location	: Random						
Piers								
Stem, Solid Pier	1000/	4	\$205,000	LIDD	* *			D
Concrete	100%	4+ stant : Liah	\$205,900 t, Area Affected : 4	LIFE				В
		: Random	і, Агей Аујесіей	F/0				
			ent, Extent : Light,	Area Aff	ected : 1%			
		: Random	, 2 2	11,0001199				
	Spalling, I	Extent : Lig	ht, Area Affected :	2%				
		: Random						
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals	1000/							ъ
Not Accessible	100%							D
Piles	1000/							D
Not Accessible Deck Elements	100%							D
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,100	LIFE	* *			A
Concrete W/ Steel I dee			Light, Area Affecte					**
		: Random	J , JJ					
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$3,900	A
-							<u>-</u>	

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

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

DEPARTMENT OF TRANSPORTATION - 841 31ST STREET BRIDGE

Bridge Structure	Current Repair	Futur	e Replacement	M						
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code				
Peck Elements										
Sidewalks										
Concrete		5,600 2028	* *	5	\$3,400	C				
	Cracks, Extent : Light, Area Aff	ected: 5%								
	Location: Random	CC . 1 20/								
	Spalling, Extent : Light, Area A	ffectea : 3%								
M C C	Location: Random									
Wearing Surface	100%	2024	¢05 100	5	¢12.400	С				
Asphalt	100% Cracks, Extent : Light, Area Afj		\$95,100	3	\$12,400	C				
	Location : Random	eciea. 670								
	Settlement, Extent : Light, Area	Affected : 5%								
	Location : Random	Typecieu . 570								
uperstructure	<u> </u>									
Deck,Structural										
Concrete	100% 4+ \$79	2,800 LIFE	* *	5	\$10,500	Α				
	Cracks, Extent : Light, Area Aff	ected : 5%								
	Location: Random									
	Exposed Reinforcement, Extent: Light, Area Affected: 3%									
	Location: Random									
	Spalling, Extent : Light, Area A	ffected : 5%								
	Location: Random									
	Other Observation, Extent : Lig	ht, Area Affected	: 100%							
	Location : Throughout									
	Explanation : As Per Nysdot I	nspection Report								
Primary Member	400-1				**					
Steel		2,100 LIFE	**	2-8	\$175,600	A				
	Broken, Missing Pave, Extent:									
	Location: A Broken Intermitt		-							
	Other Observation, Extent : Lig Location : Stringers S2, S3 &		: 570							
	Explanation : Impact Damage		snaction Report							
Secondary Member	Explanation . Impact Damage	As I et ivysuol II	ispection Report							
Steel	100%	LIFE	* *	2-8	\$147,100	В				
- Sicci	10070	LITE		2-0	Ψ177,100	ע				

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 32ND STREET BRIDGE 32ND ST./278I (B.O.E.)

Address : 32ND STREET

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 8,100 Project Type : HIGHWAY BRIDGES

Date of Survey : 03-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2230640

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$130,400	\$149,300
Total	\$130,400	\$149,300
Priority B	\$54,300	
Priority C	\$76,100	\$149,300
Total	\$130,400	\$149,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$55,900		\$300	
Total	\$55,900		\$300	
Priority A	\$10,600		\$300	
Priority B	\$20,400			
Priority C	\$24,800			
Total	\$55,900		\$300	



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

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

DEPARTMENT OF TRANSPORTATION - 841 32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)

Asset #: 13710

Bridge Structure		Current F	Repair	Futur	e Replacement	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle Estimated Co (Yrs)	Priority Code
Abutments							
Bridge Seat&pedestals Concrete	100%			LIFE	* *		A
Backwall	10070						
Not Accessible	100%						D
Brngs,Ancr Blts,Pads							
Steel	100%			LIFE	* *		A
Footings							
Not Accessible	100%						D
Joint with Deck							
Generic	100%	4+	\$13,200	LIFE	* *		В
	Broken/Mi	ssing Elem	ent, Extent : Mode	rate, Are	ea Affected : 80%		
	Location	: At Both A	Abutments				
Mat (scour & erosion)							
Generic	100%			LIFE	* *		В
Pedestals							
Concrete	100%			LIFE	* *		A
Stem (breastwall)							
Concrete	100%	4+	\$54,300	LIFE	* *		В
		tent : Mod : Random	erate, Area Affecte Locations	ed: 15%			
		ce, Extent : Random	: Light, Area Affed Locations	cted : 209	%		
Wingwalls							_
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Generic	100%			LIFE	* *		C
Piles							
Not Accessible	100%						D
Walls							
Concrete	100%	4+	\$76,100	LIFE	* *		C
			Extent : Light, Are	ea Affect	ed : 20%		
		: Through			• • • • •		
			: Moderate, Area	Affected	: 20%		
		: Random		100/			
		_	ht, Area Affected :	10%			
		: Random		1.00	10/		
			xtent : Light, Area		: 1%		
		_	outment West Wing	wall			
	Explanat	on : Expos	sea Kebar				

Approaches

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

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

DEPARTMENT OF TRANSPORTATION - 841 32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
system Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
pproaches								
Pavement	1000/	á	45.500	2025	41.10.200		Φ2. 7.0.0	
Asphalt	100%	4+	\$7,500	2025	\$149,300	4	\$3,500	С
			t, Area Affected : .	10%				
		: Both App		1 . 14	00/			
			Moderate, Area Aff	естеа : 10	0%			
		: Both App	proacnes Extent : Light, Area	Affaatad	1 . 1000/			
		: Both App		Ајјестеи	. 100%			
			alt 50 Percent; Co	ncroto 50	Parcent			
Compute					**	4	\$12.400	
Concrete	100%	4+ Zutant : Lia	\$4,600 ht, Area Affected :	2033	4. 4.	4	\$13,400	C
	-	: Both App		370				
Curbs	Locuiton	. Бош Ар	brouches					
Concrete w/ Steel Face	100%			LIFE	* *			Α
Concrete w/ Steel Pace		Frtent · I	ight, Area Affected					Λ
		: Through	-	570				
Embankment								
Generic	100%			LIFE	* *			С
Railings/Parapets	10070							
Steel	100%	4+	\$10,600	LIFE	* *			A
		Railing, Ex	xtent : Moderate, A		cted : 20%			
	_	_	Approach (West Si					
Sidewalks								
Concrete	100%	4+	\$3,100	LIFE	* *			C
	Cracks, E.	ctent : Ligh	t, Area Affected : 3	5%				
	Location	: Through	out					
iers								
Cap Beam								
Concrete	100%			LIFE	* *			A
Stem,Solid Pier			Φ π.2 00		de de			
Concrete	5%	4+	\$7,200	LIFE	* *			В
			tt, Area Affected : 3	0%0				
		: Span 2 S	nae		* *			
Concrete	95%			LIFE	* *			В
Brngs,Ancr Blts,Pads	1000/			LIDE	* *	2.0	¢2.700	A
Steel	100%			LIFE		2-8	\$3,700	A
Footings Not Accessible	100%							D
eck Elements	100%							D
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Mono Deck Surface	100/0			LILE				73
Concrete	100%	4+	\$2,700	2044	* *	5	\$17,900	C
Concrete			ut, Area Affected : 2			3	Ψ17,200	C
		: Through						
		_	ht, Area Affected :	5%				
		: Random		-				

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

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

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

DEPARTMENT OF TRANSPORTATION - 841 32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$3,600	A
Sidewalks								
Concrete	100%	4+	\$6,900	2029	* *	5	\$1,700	C
	Cracks, Ex	ctent : Ligh	t, Area Affected : I	0%				
	Location	: Random	Locations					
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Primary Member								
Not Accessible	100%							D
Secondary Member		•				•		
Not Accessible	100%							D

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 3RD AVE. BRIDGE

Address : 3RD AVE. OVER LIRR BAY RIDGE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0165.000 / 13573 Yr Built/Renovated : 1914 /

Area Sq Ft : 17,230 Project Type : HIGHWAY BRIDGES

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

Areas Surveyed :

Block : Lot : BIN : 2243320

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$434,100	\$170,500
Total	\$434,100	\$170,500
Priority A	\$170,500	\$170,500
Priority B	\$81,100	
Priority C	\$182,500	
Total	\$434,100	\$170,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$227,600		\$33,500	
Total	\$227,600		\$33,500	
Priority A	\$143,100		\$17,700	
Priority B	\$900			
Priority C	\$83,600		\$15,800	
Total	\$227,600		\$33,500	



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

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

DEPARTMENT OF TRANSPORTATION - 841 3RD AVE. BRIDGE

Asset #: 13573

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck								
Generic	50%			LIFE	* *			В
Generic	50%	Now	\$81,100	LIFE	* *			В
	Loose Eler	nents, Exte	nt : Moderate, Are	a Affecte	ed: 50%			
	Location	: Both Abi	ıtments					
	_	amaged Se : Through	al, Extent : Moder out	ate, Area	Affected : 60%			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			В
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			С
Piles								
Not Accessible	100%							D
Walls Not Accessible	100%							D
	100%							D
Approaches Pavement								
Asphalt	100%	4+	\$26,500	2026	* *	4	\$7,400	C
rispitat	Cracks, Ex		t, Area Affected : 3			·	ψ7,100	C
Concrete	80%			2034	* *	4	\$31,600	С
Concrete	20%	0-2	\$182,500	2040	* *	4	\$31,600	Č
Concrete	Broken,Missing Pave, Extent : Severe, Area Affected : 5% Location : Begin Approach							
	Cracks, Extent : Moderate, Area Affected : 15% Location : Both Approaches Recent Repair Evident, Extent : Light, Area Affected : 5%							
	Location	: South Ap	proach		viea : 5%			
			ere, Area Affected proach	: 5%				
	ьосапоп	: Begin Ap	рргоасн					

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

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

DEPARTMENT OF TRANSPORTATION - 841 3RD AVE. BRIDGE

Asset #: 13573

idge Structure	С	urrent Repair	Futur	e Replacement	M	aintenance	
stem Component Type		nil Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori Coo
proaches							
Curbs							
Concrete w/ Steel Face	95%		LIFE	* *			Α
Concrete w/ Steel Face		Now \$3,300	LIFE	**			A
		ng Pave, Extent : Light, A Northwest Corner	rea Affeci	ted: 20%			
		Northwest Corner Extent : Moderate, Area Aj	ffeeted : 5	500%			
	Location : T		јестеа . Э	00/0			
Embankment	Locuiton . I	Hioughoui					
Embankment	100%		LIFE	* *			С
Mat (scour & erosion)	10070		LIITE				
Earth	100%		LIFE	* *			A
Railings/Parapets	10070						11
Concrete	100%		2034	* *			A
		, Extent : Light, Area Affe		ó			
		Random Locations Throug					
Steel	100%		LIFE	* *			A
5.001		Extent : Light, Area Affecte					4.1
		Bottom Rails					
Sidewalks							
Concrete	90%		LIFE	* *			C
Concrete	10%	2-4 \$10,500	LIFE	* *			C
	Cracks, Exter	t : Light, Area Affected :	5%				
	Location : T	-					
	-	ent : Moderate, Area Affec	ted : 10%	6			
	Location : I	Begin Approach					
rs							
Cap Beam	1000/		TIPE	مار دا د	~	ф0. 7 00	
Concrete Encased Steel	100%		LIFE	* *	5	\$8,700	A
Pier, Columns	1000/		LIPP	* *	_	φ1 000	D
Concrete Encased Steel	100%		LIFE	~ *	5	\$1,800	В
Stem, Solid Pier	100%		LIDD	* *			D
Concrete Denote Anon Pita Pada	100%		LIFE	4. 4			В
Brngs,Ancr Blts,Pads Steel	100%	4+ \$32,000	LIFE	* *	2-8	\$4,800	Λ
Sicci		4+ \$32,000 xtent : Light, Area Affected			∠-8	\$ 4 ,000	A
	Location : A		2/0				
Footings							
Not Accessible	100%						D
Mat (scour & erosion)	10070						
Earth	100%		LIFE	* *			A
Pedestals							
Concrete	100%		LIFE	* *			В
Piles							
Not Accessible	100%						D
rk Flements							

Deck Elements

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

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

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

DEPARTMENT OF TRANSPORTATION - 841 3RD AVE. BRIDGE

Bridge Structure	Current Repair			Futur	e Replacement	М			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Deck Elements									
Curbs	1000/	4	Φ22 100	T TEE	* *				
Concrete w/ Steel Face	100%	4+	\$23,100	LIFE				A	
		, Extent : N : Througho	Aoderate, Area A <u>f</u>	јестеа : о	0%				
		U	nn ht, Area Affected :	5%					
		_	Locations Throug						
Railings/Parapets									
Concrete	100%	4+	\$16,500	2034	* *	4	\$7,300	Α	
		Efflorescence, Extent: Light, Area Affected: 5%							
			Locations Throug	hout					
Steel	100%	4+	\$7,000	LIFE	* *	2-8	\$10,100	A	
			ight, Area Affecte	d : 5%					
		: Bottom B		1.00	1000/				
			xtent : Light, Area		: 100%				
		-	Of Concrete Parap	ets					
Sidewalks	Expianaii	on : Steel	rence						
Concrete	100%	4+	\$16,100	2030	* *	5	\$5,800	С	
Concrete			t, Area Affected : :			3	Ψ5,000	C	
		: Through		.,,					
Wearing Surface									
Concrete	100%	4+	\$22,100	2034	* *	5	\$32,400	C	
		_	t, Area Affected : 2						
	Location	: Random .	Locations Throug	hout					
Superstructure									
Deck,Structural	1000							Б	
Not Accessible	100%							D	
Joints Generic	100%	2-4	\$8,400	LIFE	* *			С	
Generic			1 - 7					C	
	Broken/Missing Element, Extent : Moderate, Area Affected : 20% Location : At Middle Of Span								
	Spalling, Extent: Moderate, Area Affected: 70%								
		: Concrete							
Primary Member									
Steel	100%			LIFE	* *	2-8	\$546,000	A	
Secondary Member									
Not Accessible	100%							D	

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 49TH AVE. BRIDGE

Address : 49TH AVE.

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 20,200 Project Type : HIGHWAY BRIDGES

Date of Survey : 11-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2247290

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$1,628,300	\$874,400
Total	\$1,628,300	\$874,400
Priority A	\$785,800	\$444,300
Priority B	\$691,700	\$348,700
Priority C	\$150,900	\$81,400
Total	\$1,628,300	\$874,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$264,400		\$80,700	
Total	\$264,400		\$80,700	
Priority A	\$104,300		\$45,700	
Priority B	\$118,600		\$35,000	
Priority C	\$41,500			
Total	\$264,400		\$80,700	



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

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

DEPARTMENT OF TRANSPORTATION - 841 49TH AVE. BRIDGE

Asset #: 13575

Bridge Structure	Current Repair			Futur	e Replacement	Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Abutments									
Bridge Seat&pedestals Concrete	100%			LIFE	* *			A	
Backwall Concrete	100%			LIFE	* *			C	
Brngs,Ancr Blts,Pads Not Accessible	100%							D	
Footings Not Accessible	100%							D	
Joint with Deck									
Generic	Location Missing/D	: Header	eal, Extent : Moderd		* * Affected: 30%			В	
Mat (scour & erosion)									
Earth	100%			LIFE	* *			В	
Stem (breastwall) Concrete	90%			LIFE	* *			В	
Concrete	10%	4+	\$19,800	LIFE	* *			В	
	Effloresce	e : Both Abe nce, Extent e : Through	: Light, Area Affec	cted : 5%	Ó				
Wingwalls Footings									
Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	* *			C	
Piles Not Accessible	100%							D	
Walls									
Concrete	85%			LIFE	* *			C	
Concrete	Location Spalling, I	: Through Extent : Lig	\$61,600 at, Area Affected : 2 out aht, Area Affected : ast Wingwall		**			С	
Approaches Pavement									
Asphalt	Location Spalling, I	: Through Extent : Mo	\$21,700 at, Area Affected : I out oderate, Area Affect mately 25 Feet Fro	ted : 20%		4	\$15,300	С	
Curbs									
Concrete w/ Steel Face	100%			LIFE	* *			A	

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

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

DEPARTMENT OF TRANSPORTATION - 841 49TH AVE. BRIDGE

Asset #: 13575

Bridge Structure	Current Repair		Futur	e Replacement	M					
System Component Type	% of Fail I Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Approaches										
Embankment										
Earth	100%		LIFE	* *			С			
Mat (scour & erosion)	1000/		LIDE	* *			4			
Earth Dailings/Danagets	100%		LIFE				A			
Railings/Parapets Cast Stone	100%		LIFE	* *			٨			
Cast Stolle		Evident, Extent : Light,					A			
	Location : Beg	_	Агеи Ајј	eciea . 270						
Steel	100%	THE THERE WALL	LIFE	* *			A			
Sidewalks	10070		LII E				71			
Concrete	100% 4+	\$48,500	LIFE	* *			C			
Concrete		Light, Area Affected : 1					C			
		dom At Isolated Locati								
	Settlement, Exter	ıt : Light, Area Affected	d: 2%							
		r The Beginning Of The								
	Spalling, Extent: Light, Area Affected: 5%									
	Location : Thre									
Piers										
Cap Beam										
Not Accessible	100%						D			
Pier, Columns										
Steel	20% 4+	\$89,100	LIFE	* *	2-8	\$214,100	В			
	Corrosion, Exten	t : Light, Area Affected	d: 2%							
	Location: Ran	dom Localized Area								
Steel	80%		LIFE	* *	2-8	\$350,900	В			
Stem,Solid Pier										
Concrete	80%		LIFE	* *			В			
Concrete	20% 4+	\$181,200	LIFE	* *			В			
	Cracks, Extent:	Light, Area Affected : 2	20%							
	Location: Thre	oughout								
	Other Observation	on, Extent : Severe, Are	ea Affecte	ed : 90%						
	Location: Pier 1									
	Explanation: (Covered With Wood Pla	anks							
Brngs,Ancr Blts,Pads										
Not Accessible	100%						D			
Footings										
Not Accessible	100%						D			
Mat (scour & erosion)										
Earth	100%		LIFE	* *			A			
Piles							_			
Not Accessible	100%						D			
Dack Flaments										

Deck Elements

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

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

DEPARTMENT OF TRANSPORTATION - 841 49TH AVE. BRIDGE

Asset #: 13575

Bridge Structure	Current Repair Futu			Futur	e Replacement	M	laintenance		
System Component Type		ail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Deck Elements	•			•		•			
Curbs									
Concrete w/ Steel Face	90%		.	LIFE	* *			A	
Concrete w/ Steel Face	10%	4+	\$6,500	LIFE	* *			A	
		nt : Lignt, A At East Join	rea Affected :	10%					
			u ere, Area Affec	ted · 70%					
		Throughout		. 7070	•				
			Area Affected :	10%					
	-	At East Join							
Railings/Parapets									
Concrete	100%			2034	* *	-	\$10,300	Α	
Steel	100%			LIFE	* *	2-8	\$23,000	A	
			nt : Light, Area	Affected	: 100%				
		Entire Leng							
Sidewalks	Ехріапапо	n : Chain Li	пк гепсе						
Concrete	80%			2030	* *	5	\$13,600	C	
Concrete	20%	4+	\$9,300	2030	* *		\$6,800	C	
2000000			rea Affected :			_	70,000		
	Location:	East And Wo	est Ends						
Wearing Surface									
Concrete	90%			2034	* *	5	\$81,400	C	
Concrete	10%	0-2	\$2,800	2034	* *	5	\$40,700	C	
	Cracks, Extent: Moderate, Area Affected: 5%								
	Location : Joint Header Concrete Spalling, Extent : Light, Area Affected : 70%								
	Spauing, Extent: Light, Area Affectea: 70% Location: Over East Pier								
	Other Observation, Extent : Severe, Area Affected : 70%								
		Over East P		33					
	Explanatio	n : Large St	eel Plates At D	eck Joint					
uperstructure									
Deck,Structural	100/	4	010 0 500			_	Ф22.202		
Concrete	10%	4+	\$129,600	LIFE	* *	5	\$22,200	A	
	-	ent : Moaer Over East P	ate, Area Affec Pier	tea : 70%	9				
Congrete	90%			LIFE	* *	5	\$44,500	A	
Concrete Joints	90%			LIFE		3	\$44,300	A	
Generic	100%	0-2	\$7,700	LIFE	* *			С	
	Exposed Reinforcement, Extent: Light, Area Affected: 5%								
	Location : Beneath The Sidewalk Along The Joint								
	Leakage, Extent : Moderate, Area Affected : 100% Location : East Pier								
	Missing/Damaged Seal, Extent : Moderate, Area Affected : 20% Location : Random Locations								
	Rust Stains, Extent : Moderate, Area Affected : 100%								
	Location:	Pier 3							

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

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

DEPARTMENT OF TRANSPORTATION - 841 49TH AVE. BRIDGE

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure							
Primary Member							
Steel	80%		LIFE	* *	2-8	\$640,100	A
Steel	20%	4+ \$456,300	LIFE	* *	2-8	\$373,400	A
	Corrosion	, Extent : Moderate, Area Afj	fected : 59	%			
	Location	: On Girder Flanges Near I	East Pier				
Secondary Member							
Steel	100%		LIFE	* *	2-8	\$549,200	В
	Corrosion	, Extent : Light, Area Affecte	d : 5%				
	Location	: Random Locations Throug	hout				

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 4TH AVE. BRIDGE

Address : FOURTH AVE. OVER LIRR BAY RIDGE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0168.000 / 13576 Yr Built/Renovated : 1919 /

Area Sq Ft : 19,400 Project Type : HIGHWAY BRIDGES

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

Areas Surveyed :

Block : Lot : BIN : 2243330

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$829,300	\$289,800
Total	\$829,300	\$289,800
Priority A	\$829,300	\$289,800
Total	\$829,300	\$289,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$196,300		\$20,600	
Total	\$196,300		\$20,600	
Priority A	\$137,400		\$19,600	
Priority C	\$58,900		\$900	
Total	\$196,300		\$20,600	



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

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

DEPARTMENT OF TRANSPORTATION - 841 4TH AVE. BRIDGE

Asset #: 13576

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals	400							
Concrete	100%			LIFE	* *			A
Backwall Concrete	100%			LIFE	* *			С
Brngs,Ancr Blts,Pads	100%			LIFE				C
Steel	100%			LIFE	* *			A
Footings	10070			LII L				71
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			В
Pedestals								
Concrete	100%			LIFE	* *			A
Stem (breastwall)								
Concrete	100%			LIFE	* *			В
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion)	100%							ע
Earth	100%			LIFE	* *			С
Piles	10070			DII D				
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			С
Approaches								
Pavement	0.0-1				di di		44.000	~
Asphalt	90%	2.4	Φ2 400	2026	* *	4	\$1,900	C
Asphalt	10%	2-4	\$3,400 at, Area Affected : 1	2026	<i>ት</i> ት	4	\$1,900	C
		: Both App		070				
Curbs	Locuiton	. Bom ripp	orouches .					
Concrete w/ Steel Face	100%	4+	\$14,000	LIFE	* *			A
	Settlement	, Extent : N	Aoderate, Area Affe		0%			
	Location	: At North	east Corner					
	Vegetation	Growth, E	Extent : Light, Area	Affected	d : 2%			
	Location	: Random	Locations Through	hout				
Embankment								_
Earth	100%			LIFE	* *			С
Mat (scour & erosion)	1000/			I IDD	* *			
Earth Railings/Raranats	100%			LIFE	* *			A
Railings/Parapets Concrete	100%	4+	\$3,000	2034	* *			A
Concrete			\$3,000 at, Area Affected : 2					Α
		: Through		., •				
		_	ht, Area Affected :	2%				
			Locations Through					
Steel	100%			LIFE	* *			A
								

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

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

DEPARTMENT OF TRANSPORTATION - 841 4TH AVE. BRIDGE

Asset #: 13576

Bridge Structure	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches								
Sidewalks	1000/ 4.	¢14.200	LIDE	* *			C	
Concrete	Location: Throu Settlement, Extent Location: East A Vegetation Growth	: Light, Area Affected Approach 1, Extent : Light, Area	l : 5%				С	
D:	Location : Throu	gnout						
Piers								
Cap Beam	1000/		LIDD	* *			4	
Concrete Pier,Columns	100%		LIFE				A	
Concrete	100%		LIFE	* *			В	
Stem,Solid Pier	100%		LIFE				Б	
Concrete	100%		LIFE	* *			В	
Brngs, Ancr Blts, Pads	10070		LIIT					
Steel	100%		LIFE	* *	2-8	\$5,000	A	
Footings	10070		LII L		2 0	Ψ5,000	71	
Not Accessible	100%						D	
Mat (scour & erosion)	10070							
Earth	100%		LIFE	* *			A	
Pedestals								
Concrete	100%		LIFE	* *			В	
		, Extent : Light, Area Exterior Column	Affected	: 5%				
	Explanation : Ste	eel Rods Projecting O	ut Of Pe	destal				
Piles								
Not Accessible	100%						D	
Deck Elements								
Curbs Concrete w/ Steel Face	Location : Throu Rust Stains, Extens	t : Moderate, Area Afj		**			A	
	Location : Throu	gnout						
Railings/Parapets Concrete		\$25,600 ent : Light, Area Affed om Locations Through			4	\$5,300	A	
Steel	Location: Throu	s, Extent : Light, Area ghout cel Fence At Top Of C			2-8	\$11,800	A	

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

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

DEPARTMENT OF TRANSPORTATION - 841 4TH AVE. BRIDGE

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Sidewalks								
Concrete	100%	4+	\$33,600	2030	* *	5	\$5,700	C
		_	t, Area Affected : 2	2%				
	Location	: Through	out					
	Spalling, I	Extent : Lig	ht, Area Affected :	5%				
	Location	: Along Si	dewalk Joint Head	ers				
Wearing Surface								
Asphalt	100%	4+	\$7,600	2026	* *	5	\$6,900	C
	Cracks, E.	xtent : Mod	lerate, Area Affecte	d: 10%				
	Location	: Through	out					
uperstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$42,700	A
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Concrete Encased Steel	100%	4+	\$637,300	LIFE	* *	5	\$97,800	A
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 2%			
	Location	: Random	Locations Through	nout				
	Explana	tion : Rust	Staining Evident					
Steel	100%			LIFE	* *	2-8	\$614,700	Α
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 5%		+	
			Flange Of Exterior					
		tion : Paint	0 0					
Secondary Member	•							
Not Accessible	100%							D

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 86TH ST. BRIDGE

Address : 86TH ST.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0171.000 / 13579 Yr Built/Renovated : 1995 /

Area Sq Ft : 18,200 Project Type : HIGHWAY BRIDGES

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

Areas Surveyed :

Block : Lot : BIN : 2243570

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Bridge Structure	\$516,700	\$360,300	
Total	\$516,700	\$360,300	
Priority A	\$180,100	\$180,100	
Priority B	\$180,100	\$180,100	
Priority C	\$156,400		
Total	\$516,700	\$360,300	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$177,900		\$38,100	
Total	\$177,900		\$38,100	
Priority A	\$80,100		\$20,000	
Priority B	\$60,400		\$18,100	
Priority C	\$37,400			
Total	\$177,900		\$38,100	



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

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

DEPARTMENT OF TRANSPORTATION - 841 86TH ST. BRIDGE

Asset #: 13579

Bridge Structure	Current Repair	Future Repl	acement	Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Estin FY	nated Cost Cy	cle Estimated Cost rs)	Priority Code
Abutments					
Bridge Seat&pedestals	1000/	LIDE	ale ale		
Concrete	100%	LIFE	* *		A
Backwall Concrete	25% 4+ \$2	24,700 LIFE	* *		С
Concrete	Cracks, Extent: Light, Area Af	,			C
	Location: Random Locations				
	Efflorescence, Extent : Light, A	-			
	Location: Random Locations	Throughout			
Concrete	75%	LIFE	* *		С
Brngs,Ancr Blts,Pads					
Elastomeric	100%	2045	* *		A
Footings					
Not Accessible	100%				D
Joint with Deck					_
Generic		27,600 LIFE	* *		В
	Leakage, Extent : Light, Area A Location : Random Locations				
	Missing/Damaged Seal, Extent	=	5%		
	Location: Random Locations		370		
	Spalling, Extent : Light, Area A				
	Location : At Concrete Head				
Generic	55%	LIFE	* *		В
Stem (breastwall)					
Not Accessible	100%				D
	Other Observation, Extent : Li	ght, Area Affected : 0%			
	Location: Both Abutments	D1 .C III II			
Walls	Explanation: Behind Station	Piatjorm waii			
Concrete	100%	LIFE	* *		A
Concrete	Other Observation, Extent : Li		, i		
	Location: Both Abutments				
	Explanation: Backwalls Par	tially Covered By Statio	n Walls		
Vingwalls					
Footings	1000/				Б
Not Accessible	100%				D
Piles Not Accessible	100%				D
Walls	10070				D
Concrete	100% 4+ \$4	46,300 LIFE	* *		С
	Cracks, Extent : Light, Area Af	fected : 2%			
	Location: Southeast And Sou				
	Efflorescence, Extent: Light, A				
	Location: Southeast And Sou	_			
	Other Observation, Extent: Li		•		
	Location: Northeast And No.	=			
	Explanation: Wingwalls Cov	erea By Station Walls			

Approaches

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

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

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

DEPARTMENT OF TRANSPORTATION - 841 86TH ST. BRIDGE

Asset #: 13579

Bridge Structure	Current Repair		Future Replacement		Maintenance			
System Component Type	% of 1 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches Pavement Concrete	Location : Spalling, Ex	: Random l xtent : Ligh	\$63,800 t, Area Affected : A Locations Through tht, Area Affected :	iout	* *	4	\$44,200	C
Curbs	Location :	Northwes	st Approach					
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment Earth	100%			LIFE	* *			С
Mat (scour & erosion) Earth	100%			LIFE	* *			A
Sidewalks Concrete			t, Area Affected : 2 Locations Througi		* *			С
Deck Elements	2004110111	11000000000						
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
Mono Deck Surface Concrete	Location : Spalling, Ex	: Random I xtent : Ligh	\$5,300 t, Area Affected : £ Locations Througi ht, Area Affected : theast Abutment	iout	* *	5	\$21,300	С
Railings/Parapets Concrete	Location : Explanati	: Both Abu on : Concr			* * : 50% Of The Bridge Ana	4 ! Subway	\$4,000 Station At North	A
Sidewalks Concrete		4+ tent : Light	\$46,300 t, Area Affected : I e North Side Of T	0%	**	5	\$6,700	С
Superstructure								
Deck,Structural Concrete	Location :	: Througho	xtent : Light, Area out The Deck rside Covered Wit		* * : 100% n - Place Forms E.	5 xcept On	\$40,100 e Bay	A
Joints Generic			\$7,400 ht, Area Affected : e Joint Between A		* * And Bridge Deck			С
Primary Member Steel	100%			LIFE	**	2-8	\$576,700	A

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

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

DEPARTMENT OF TRANSPORTATION - 841 86TH ST. BRIDGE

Bridge Structure	Current R	epair Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure Secondary Member	1000/	LIEE	* *	2.0	¢404 000	n
Steel	100%	LIFE	* *	2-8	\$494,800	В

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : AMTRAK BRIDGE EAST 174TH ST/895IX

Address : E. 174ST, BRONX RIVER, I895

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0005.000 / 2440 Yr Built/Renovated : 1909 /

Area Sq Ft : 46,200 Project Type : HIGHWAY BRIDGES

Date of Survey : 30-Oct-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2066720

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$1,889,600	\$1,127,700
Total	\$1,889,600	\$1,127,700
Priority A	\$805,500	\$559,000
Priority B	\$794,400	\$487,000
Priority C	\$289,700	\$81,700
Total	\$1,889,600	\$1,127,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$412,700		\$99,600	
Total	\$412,700		\$99,600	
Priority A	\$227,600		\$50,300	
Priority B	\$131,100		\$48,800	
Priority C	\$54,000		\$500	
Total	\$412.700		\$99,600	



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

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

Asset #: 2440

Bridge Structure	С	urrent Re	oair	Futur	e Replacement	M	aintenance	
System Component Type		ail Date F Years)	Stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals								
Concrete	75%			LIFE	* *			A
Concrete	25%	4+	\$6,500	LIFE	* *			A
		_	Area Affected : I n Bridge Seat	10%				
Backwall	Locuiton . I	Kanaom O	a Briage Seai					
Concrete	40%	4+	\$12,000	LIFE	* *			С
Concrete	Cracks, Exter	nt : Light, .	Area Affected : 2 ng Abutment					C
Concrete	60%			LIFE	* *			С
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			A
Footings								
Not Accessible	100%							D
Joint with Deck	1000/		#22 000	* ****	* *			
Generic	100%	4+ 	\$23,000	LIFE				В
			: Light, Area Af 1g Abutment	jeciea : 2	0%			
Mat (scour & erosion)	Locuiton . 1	n Beginni	ig Houimeni					
Earth	100%			LIFE	* *			В
Stem (breastwall)	10070			EII E				
Concrete	100%			LIFE	* *			В
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								_
Earth	100%			LIFE	* *			С
Piles Not Accessible	100%							D
Walls	100%							<u> </u>
Concrete	75%			LIFE	* *			C
Concrete	25%	4+	\$150,300	LIFE	* *			C
Comprete			ate, Area Affecte					Ü
	Location : I	Random La	ocations At End	Abutmeni	•			
			Light, Area Affeo ocations At End I					
			rate, Area Affec ocations At End A					
		vation, Ext	ent : Light, Area					
				l On 2013	2 N. Y. S. D. O. T.	Biennial	Report	
Stream Channel	2				1		<i>p</i>	
Bank Protection								
Riprap	100%			LIFE	* *			C
			ent : Light, Area	Affected	: 50%			
	Location : I			117 · P				
	Explanation	n : East Ba	nk Has Riprap,	West Ban	k Is Earth			

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

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

Asset #: 2440

Bridge Structure		Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Stream Channel								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			A
Approaches								
Pavement	00-1						44.000	~
Asphalt	80%		φο 200	2026	* *	4	\$1,000	C
Asphalt	Location	: Through			**	4	\$1,000	С
	Location		Extent : Moderate, A pproaches 1g	Area Affe	ected : 20%			
Concrete		4+ xtent : Ligh : East App	\$8,900 t, Area Affected : 5 proach	2034	* *	4	\$15,400	С
Curbs								
Concrete w/ Steel Face		s, Extent : A	Light, Area Affecte utments	LIFE d : 50%	* *			A
Embankment								
Earth	100%			LIFE	* *			C
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Railings/Parapets								
Concrete	100%			2034	* *			A
Steel	Location Explana	: Steel Rai tion : Steel	Extent : Light, Area Eling On Both Appr Wall Panel 230 Ft	oaches	* * l : 100% pain Link Fence Wi	ith 4-stee	l Rails On East	A
Sidewalks	Approac	rı						
Concrete		4+ xtent : Ligh : Through	\$3,500 t, Area Affected : I	LIFE 10%	* *			С
Piers								
Cap Beam	400:		φ 		a e			
Concrete	Location Spalling, I	: Through	derate, Area Affec		**			A

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

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

Asset #: 2440

Bridge Structure		Current I	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers								
Pier,Columns	1000/		Ø120 100	r ree	* *			ъ
Concrete	100%	4+	\$139,400	LIFE	* *			В
		: Through	nt, Area Affected : 5	070				
			oui nt : Light, Area Aff	Sected · 29	V ₀			
			At Top Of Pier 3	cerea . 27	·			
			oderate, Area Affec	ted : 2%				
	-	: Through						
Steel	100%			LIFE	* *	2-8	\$140,100	В
Brngs,Ancr Blts,Pads	10070						\$1.0,100	
Steel	50%			LIFE	* *	2-8	\$10,000	A
Steel	50%	2-4	\$198,400	LIFE	* *	2-8	\$5,900	Α
	Corrosion	, Extent : N	Aoderate, Area Affe	ected : 20	%			
	Location	:						
	Other Obs	ervation, E	Extent : Severe, Are	ea Affected	d: 20%			
	Location	: Span 5 I	Pier 5					
	Explana	tion : Anch	or Bolts Exposed					
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								_
Concrete	75%	2.4	φ4.cπ.οοο	LIFE	* *			В
Concrete	25%	2-4	\$167,900	LIFE	* *			В
			lerate, Area Affecte nd 6, Temporary Si		Diar 5			
Piles	Location	. Flet JA	na 0, Temporary Si	noring Ai	rier 5			
Not Accessible	100%							D
Deck Elements	10070							D
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Concrete W/ Steel Lace		s, Extent:	Light, Area Affecte					11
		: Pier 5 A						
Guide Railing								
Steel	100%	4+	\$6,600	LIFE	* *			A
	Loose Fas	tenings, Ex	ctent : Light, Area	Affected :	2%			
	Location	: Midspan	South Sidewalk					
			Extent : Light, Area		: 100%			
			Sides Of The Truss	_				
	Explana	tion : Corr	ugated Guide Rail	With 3-pi	pe Railing			
Median								
Concrete	100%			LIFE	* *	5	\$33,600	Α
Railings/Parapets	1000:			2021	ata - t	4	Φ # 500	
Concrete	100%			2034	* *	4	\$5,600	A
Steel	100%	- F	Ti-la An ACC	LIFE	* *	2-8	\$52,900	A
			Light, Area Affecte	ra : 5%				
	Location	: Through	cout					

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

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

Bridge Structure	Current R	epair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Deck Elements									
Sidewalks									
Concrete	90%		2030	* *	5	\$30,600	С		
Concrete	10% 4+	\$10,500	2030	* *	5	\$15,300	C		
	Cracks, Extent : Light		25%						
	Location: Through	out							
Wearing Surface	1000/	0130 100	2024	ماه ماه	_	404 500	~		
Concrete	100% 4+	\$139,400	2034	* *	5	\$81,700	C		
	Cracks, Extent : Light Location : Through		0%						
	Recent Repair Eviden		usa Affa	o40 d . 50/					
	Location : Asphalt I	_		ciea : 5%					
Couman	Location : Aspitati I	atching Infought	oui						
Scupper Cast Iron	100%		LIFE	* *			С		
Superstructure	10070		LIIL						
Deck,Structural									
Concrete	85%		LIFE	* *	5	\$101,700	A		
Concrete	15% 4+	\$99,000	LIFE	* *	5	\$50,800	A		
	Cracks, Extent: Light, Area Affected: 25%								
	Location: Throughout, Concentrated At Piers 3 And 5								
	Exposed Reinforceme Location : Through		ate, Area	ı Affected : 5%					
	Spalling, Extent : Liga Location : Through	ht, Area Affected :		3 And 5					
Joints	0								
Generic	80%		LIFE	* *			C		
Generic	20% 4+	\$10,800	LIFE	* *			Č		
	Broken/Missing Elem	. ,		fected : 5%					
	Location : Through	_							
	Loose Elements, Exter	nt : Moderate, Are	a Affecte	d:0%					
	Location : At Begins								
Primary Member									
Steel	100%		LIFE	* *	2-8	\$1,463,900	A		
	Other Observation, E.		Affected	: 2%					
	Location: Through	out							
	Explanation: Paint	Peeling							
Secondary Member									
Steel	100%		LIFE	* *	2-8	\$1,256,000	В		

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : AMTRAK BRIDGE LEGGETT AVE/AMTRAK
Address : LEGGETT AVE,BRUCKNER GARRISON

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0055.000 / 2480 Yr Built/Renovated : 1906 /

Area Sq Ft : 28,209 Project Type : HIGHWAY BRIDGES

Date of Survey : 20-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241139

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$6,646,000	\$998,100
Total	\$6,646,000	\$998,100
Priority A	\$6,514,500	\$560,200
Priority B		\$280,100
Priority C	\$131,500	\$157,800
Total	\$6,646,000	\$998,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$82,200		\$99,600	
Total	\$82,200		\$99,600	
Priority A	\$14,300		\$56,900	
Priority B	\$14,000		\$28,100	
Priority C	\$53,900		\$14,700	
Total	\$82,200		\$99,600	



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

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

DEPARTMENT OF TRANSPORTATION - 841 AMTRAK BRIDGE LEGGETT AVE/AMTRAK

Asset #: 2480

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck								
Steel			\$14,000 Extent : Light, Are ler At East Abutme		* * d : 30%			В
Pedestals Not Accessible	100%							D
Walls Not Accessible	100%							D
Wingwalls Mat (scour & erosion)								
Not Accessible	100%							D
Piles Not Accessible	100%							D
Walls Not Accessible	100%							D
Approaches								
Pavement								
Concrete	50%			2032	* *	4	\$64,800	C
Concrete	Location Spalling, I	: Random Extent : Lig	\$31,200 t, Area Affected : 2 ht, Area Affected : ning Abutment Joi	10%	* *	4	\$43,200	С
Curbs								
Concrete W/ Steel Face	100% 100%			LIFE LIFE	* *			A A
Pavement Base Not Accessible	100%							D
Sidewalks Concrete	100%			LIFE	* *			С
Piers								
Stem,Solid Pier Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Mat (scour & erosion) Not Accessible	100%							D

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

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

DEPARTMENT OF TRANSPORTATION - 841 AMTRAK BRIDGE LEGGETT AVE/AMTRAK

Current Repair	Futur	e Replacement	M	aintenance	
% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
	•				•
100%					D
					A
			OC D		
			т Ој Ваг	rier	
					A
_	a Affected	: 20%			
Explanation : Misaligned Tops					
1000/	LIEE	* *	5	\$7.700	٨
			3	\$7,700	A
Location . Where Lita Diagonals the	ei meaian				
100%	2043	* *	5	\$150,400	C
100 /0	2043			Ψ150,400	
100%	LIFE	* *	2-8	\$18 700	A
			2 0	Ψ10,700	
Location: Random					
100%	2028	* *	5	\$29,400	C
Cracks, Extent: Light, Area Affected:	5%				
Location: Random On North Side					
100% 4+ \$56,300	2032	* *	5	\$82,600	C
	2%				
	a Affected	: 20%			
Explanation: Scaling Of Wearing St	ırface				
1000/					Ъ
100%					D
1000/ 4: \$1.100	LIDE	ske ske			C
					С
misungnea/buiging, Extent . Light, Ar	еи лујесте	1. 20/0			
	7% of Total (Years) 100% 5% 2-4 \$14,300 Spalling, Extent: Moderate, Area Affe Location: Corner Spall With Expose 95% Other Observation, Extent: Light, Are Location: South Outer Barrier Explanation: Misaligned Tops 100% Cracks, Extent: Light, Area Affected: Location: Where End Diagonals Me 100% Corrosion, Extent: Light, Area Affected: Location: Random 100% Cracks, Extent: Light, Area Affected: Location: Random On North Side 100% Cracks, Extent: Light, Area Affected: Location: Random On North Side 100% 4+ \$56,300 Cracks, Extent: Light, Area Affected: Location: Random Other Observation, Extent: Light, Area Location: Throughout Explanation: Scaling Of Wearing Station 100% 100% 100%	Nof Fail Date Estimated Cost Total (Years) FY	100% Spalling, Extent: Light, Area Affected: 5% Location: Where End Diagonals Meet Median	Soft Fail Date Estimated Cost Year Estimated Cost Cycle Total (Years)	Year Fail Date Estimated Cost FY Estimated Cost Cycle (Yrs)

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

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

DEPARTMENT OF TRANSPORTATION - 841 AMTRAK BRIDGE LEGGETT AVE/AMTRAK

Bridge Structure	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure							
Primary Member							
Steel	5% 4+ Corrosion Extent	\$6,514,500 Light, Area Affected	LIFE	* *	2-8	\$523,200	A
		Of End Diagonal Of		t Truss			
Steel	95%		LIFE	* *	2-8	\$523,200	A
Not Accessible	100%						D
	Other Observation	, Extent : Light, Area	ı Affected	: 0%			
	Location:						
	Explanation : Di	d Not Access Unders	ide Of Tr	uss/deck			
Secondary Member							
Steel	100%		LIFE	* *	2-8	\$438,300	В
	Other Observation Location : Throu	, Extent : Light, Arec ghout	ı Affected	: 20%			
	Explanation: Im	pact Damage To Top	Lateral	Cross Frames			
Not Accessible	100%						D

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE

Address : OVER LIRR - BAY RIDGE LINE ALBANY AVE. & E39TH STREET

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DOT0156.000 / 13519 Yr Built/Renovated :

Area Sq Ft : 35,100 Project Type : HIGHWAY BRIDGES

Date of Survey : 08-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2243530

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$523,900	\$4,741,400
Total	\$523,900	\$4,741,400
Priority A	\$472,500	\$386,000
Priority C	\$51,400	\$4,355,300
Total	\$523,900	\$4,741,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$56,000	\$6,200	\$35,800	
Total	\$56,000	\$6,200	\$35,800	
Priority A		\$200	\$35,800	
Priority B	\$11,500			
Priority C	\$44,500	\$6,000		
Total	\$56,000	\$6,200	\$35,800	



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

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

DEPARTMENT OF TRANSPORTATION - 841 AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE

Asset #: 13519

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals	1000/							ъ
Not Accessible	100%							D
Backwall Concrete	100%			LIFE	* *			С
Concrete		ervation. F	Extent : Light, Area		: 100%			C
	Location			11,500000	. 100,0			
	Explanat	ion : Only	Fascia Area Was A	Accessible	e			
Brngs,Ancr Blts,Pads	-	-						
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck	5 0/	4	φ11 5 00	LIDE	* *			ъ.
Generic	5% Missing/D	4+	\$11,500 al, Extent : Modero	LIFE				В
	_	amagea se : Both Abi		ше, Агеа	Affectea . 20%			
Generic		. Boin Hot	umenis	LIDE	* *			D
	95%			LIFE				В
Mat (scour & erosion) Earth	100%			LIFE	* *			В
Pedestals	10070			LIIL				ь
Concrete	100%			LIFE	* *			A
		ervation, E	Extent : Light, Area		: 100%			
	Location	: Fascia						
	Explanat	ion : Only	Fascia Area Was A	Accessible	e			
Stem (breastwall)	400-4							_
Concrete	100%			LIFE	* *			В
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion)	10070							
Earth	100%			LIFE	* *			С
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
Approaches								
Pavement	70/	2-4	\$20.500	2025	\$304,900	4	¢12 100	C
Asphalt	7% Cracks Ex		\$30,500 re, Area Affected :	2025 40%	\$304,900	4	\$12,100	C
		: Both App		1070				
Asphalt	93%	PI		2025	\$4,050,500	4	\$18,100	С
Concrete	100%	2-4	\$51,400	2023	\$ 4 ,030,300 * *	4	\$175,600	C
Concrete			lerate, Area Affecte			•	<i>\$175</i> ,000	Č
		: Both App						
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 100%			
		: Both App						
	Explanat	ion : 50 Pe	ercent Concrete An	d 50 Per	cent Asphalt			

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

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

DEPARTMENT OF TRANSPORTATION - 841 AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE

Asset #: 13519

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	t Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
approaches							
Curbs Concrete w/ Steel Face	Location	2-4 \$46,300 t, Extent : Severe, Area Affec a : Both Approaches	cted : 80%				A
		n Growth, Extent : Moderate n : North And South Sides	e, Area Affe	ected : 20%			
Embankment							
Earth	100%		LIFE	* *			C
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A
Sidewalks	400						~
Concrete	100%	4+ \$11,200		* *			C
		xtent : Light, Area Affected .					
	Location	: Random Locations Throu	gnout				
Piers							
Cap Beam Concrete	100%		LIFE	* *			٨
	100%		LIFE				A
Pier,Columns Concrete	100%		LIFE	* *			В
Stem, Solid Pier	100%		LIFE				ь
Concrete	100%		LIFE	* *			В
Brngs, Ancr Blts, Pads	10070		LIIL				ъ
Steel	100%		LIFE	* *	2-8	\$14,200	A
Steel		servation, Extent : Light, Are		: 100%	2 0	Ψ11,200	7.1
		: Fascia	33				
	Explana	tion : Only Fascia Area Wa.	s Accessibl	e			
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A
Pedestals							
Concrete	100%		LIFE	* *			В
		servation, Extent : Light, Arc	ea Affected	: 100%			
		ı : Fascia					
	Explana	tion : Only Fascia Area Wa	s Accessibl	e			
Piles							
Not Accessible	100%						D
Deck Elements							
Curbs	1000/		T TEE	ماد ماد			
Concrete w/ Steel Face	100%		LIFE	* *			A
Railings/Parapets	1000/		2022	* *	A	0.00	
Concrete	100%		2033	* *	4	\$600	A
Steel	100%		LIFE	~ *	2-8	\$9,100	A
Sidewalks Concrete		4+ \$2,800 extent: Light, Area Affected	: 5%	* *	5	\$800	C
		a: Random Locations Throu					

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

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

DEPARTMENT OF TRANSPORTATION - 841 AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE

Bridge Structure	С	urrent Repair	Futur	e Replacement	M	aintenance	
ystem Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
aperstructure							
Deck,Structural							
Concrete	100%	0-2 \$426,200	LIFE	* *	5	\$38,600	A
	Cracks, Exter	nt : Severe, Area Affected	: 40%				
	Location : I	Random Locations Throug	hout				
	Spalling, Ext	ent : Moderate, Area Affed	cted : 5%				
	Location : I	Random Locations Throug	hout				
	Other Observ	vation, Extent : Light, Area	a Affected	! : 100%			
	Location : U	Underside					
	Explanation	ı : Underside Not Accessi	ble				
Primary Member							
Steel	100%		LIFE	* *	2-8	\$648,900	A
	Other Observ	vation, Extent : Light, Area	a Affected	! : 100%			
	Location : I	Fascia					
	Explanation	ı : Only Fascia Area Was	Accessibl	'e			
Secondary Member							
Not Accessible	100%						D

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE

Address : BATTERY PLACE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0082.000 / 2511 Yr Built/Renovated : 1954 /

Area Sq Ft : 69,993 Project Type : HIGHWAY BRIDGES

Date of Survey : 20-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2232000

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$42,856,700	\$11,786,300
Total	\$42,856,700	\$11,786,300
Priority A	\$14,440,200	\$770,400
Priority B	\$39,900	
Priority C	\$28,376,600	\$11,015,900
Total	\$42,856,700	\$11,786,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$117,200		\$5,500	
Total	\$117,200		\$5,500	
Priority A	\$83,600		\$5,500	
Priority C	\$33,700			
Total	\$117,200		\$5,500	



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

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

DEPARTMENT OF TRANSPORTATION - 841 BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE

Asset #: 2511

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								_
Generic	100%			LIFE	* *			В
Walls	000/			LIDE	ماه ماه			
Concrete	90%	4	Φ12 <i>C</i> 15 200	LIFE	* *			A
Concrete	10%	4+	\$13,615,300	LIFE				A
		issing Eiem : Random	ient, Extent : Sever	e, Area F	Ајјестеа : 85%			
Vinguralla	Locuiton	. Kanaom						
Wingwalls Footings								
Not Accessible	100%							D
Mat (scour & erosion)	10070							- Б
Generic	100%			LIFE	* *			C
Piles	10070							
Not Accessible	100%							D
Walls								
Concrete	70%			LIFE	* *			C
Concrete	30%	4+	\$27,774,000	LIFE	* *			C
	Broken/M	issing Elem	ient, Extent : Sever	e, Area A	Affected : 45%			
		: Random						
			nt, Area Affected : I	10%				
			Left Wingwall		20.7			
			nt : Light, Area Affo	ected : 10	0%			
		: End Left		A A CC				
		einjorceme : Random	ent, Extent : Light,	Агеа Ад	ectea : 10%			
A mmaaahaa	Locuiton	. Kanaom						
Approaches Pavement								
Asphalt	90%			2024	\$3,547,900	4	\$100,700	C
Asphalt	10%	4+	\$118,300	2024	\$394,200	4	\$67,100	Č
rispitate			at, Area Affected : I		Ψ37 1,200	•	ψο,,100	C
		: Random						
	Settlement	, Extent : L	Light, Area Affected	d: 10%				
		: Random						
	Spalling, I	Extent : Lig	ht, Area Affected :	10%				
	Location	: Random						
Curbs								
Concrete	100%			LIFE	* *			A
Concrete w/ Steel Face	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D

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

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

DEPARTMENT OF TRANSPORTATION - 841 BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE

Asset #: 2511

* * * * * * * * * * * * * * * * * * *	Cycle (Yrs)	Estimated Cost	C C C			
** ** ** **			C B B			
** ** ** **			C B B			
** ** ** **			C B B			
** **			ВВВ			
* *			В			
* *			В			
* *			В			
* *			В			
* *			В			
* *			В			
**			D			
**			D			
* *			D			
* *			D			
* *			D			
* *						
4. 4.						
			A			
* *			A			
* *			A			
* *			A			
* *	5		A			
Vegetation Growth, Extent : Light, Area Affected : 2% Location : Random						
* *	4-8		A			
* *	4	\$250,700	A			
* *	4	\$167,100	A			
arana	ot Wall					
		¢1 <i>52</i> 000	A			
	∠ - 8	\$153,000	A			
	**	** 5 ** 4-8 ** 4 ** 4	** 4-8 ** 4-8 ** 4 \$250,700 ** 4 \$167,100			

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

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

DEPARTMENT OF TRANSPORTATION - 841 BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE

Bridge Structure	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Sidewalks							
Concrete	100%		2028	* *	5	\$108,000	C
Granite Paver	100%		LIFE	* *			C
	Other Observation, E	Extent : Light, Area	Affected	! : 100%			
	Location : North Fa	ıscia					
	Explanation: Paver	rs At North Fascia					
Wearing Surface							
Asphalt	90%		2024	\$5,774,100	5	\$604,200	C
Asphalt	10% 4+	\$128,300	2024	\$641,600	5	\$302,100	C
	Cracks, Extent : Ligh	t, Area Affected : 1	10%				
	Location: Random						
	Settlement, Extent : L	ight, Area Affected	d: 10%				
	Location: Random						
Superstructure							
Primary Member							
Concrete	90%		LIFE	* *	5	\$360,100	A
Concrete	10% 4+	\$581,600	LIFE	* *	5	\$360,100	A
	Broken/Missing Elem	ent, Extent : Light	Area Af	fected : 10%			
	Location: Random						

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY

Address : PARKSIDE AVE, OCEAN-FLATBUSH

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0064.000 / 2489 Yr Built/Renovated : 1916 /

Area Sq Ft : 48,720 Project Type : HIGHWAY BRIDGES

Date of Survey : 20-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2243020

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$4,240,200	\$577,300
Total	\$4,240,200	\$577,300
Priority A	\$2,960,500	\$501,300
Priority B	\$1,157,300	
Priority C	\$122,300	\$76,100
Total	\$4,240,200	\$577,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$103,800			
Total	\$103,800			
Priority B	\$33,900			
Priority C	\$70,000			
Total	\$103,800			



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

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

DEPARTMENT OF TRANSPORTATION - 841 BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY

Bridge Structure	Current F	Repair	Future F	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments	•			•			
Footings Not Accessible	100%						D
Mat (scour & erosion) Earth	100%		LIFE	* *			В
Stem (breastwall) Concrete	15% 4+ Efflorescence, Extent Location : Through		LIFE cted : 20%	* *			В
Concrete	85%		LIFE	* *			В
Tile	100% 4+ Broken/Missing Elem Location : Random	Locations Through	hout	* * ted : 5%			В
	Rust Stains, Extent : . Location : At Vertic Other Observation, E Location : Through Explanation : Cera	cal Joints Extent : Light, Area out	Affected : 2				
Wingwalls			ej 2				
Footings Not Accessible	100%						D
Mat (scour & erosion) Earth	100%		LIFE	* *			С
Piles							
Not Accessible	100%						D
Walls							
Concrete	100%		LIFE	* *			С
Approaches Pavement							
Asphalt	100% 4+ Cracks, Extent: Ligh Location: Both App Other Observation, E Location: Beginnin Explanation: Rutti	proaches Extent : Light, Area ng Approach	Affected : 2	**	4	\$12,400	С
Concrete	100% 4+ Cracks, Extent : Ligh Location : Random			**	4	\$92,500	С

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

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

DEPARTMENT OF TRANSPORTATION - 841 BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY

Asset #: 2489

Bridge Structure	Current F	Repair	Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Approaches						
Curbs						
Concrete	100%		LIFE	* *		A
	Other Observation, E Location: Through		Ађестеа	: 100%		
	_		Percent	Concrete And 50)	Percent Concrete With	
	Steel Face	ouen curos rire so	1 creeni	Concrete Tina 30 I	ereen concrete win	
Concrete w/ Steel Face	100%		LIFE	* *		Α
	Rust Stains, Extent :	Moderate, Area Af	fected : 5	0%		
	Location: Through	out				
	Other Observation, E		Affected	: 100%		
	Location : Through		_			
	Explanation : Appr Concrete	oach Curbs Are 50	Percent	Concrete With Ste	el Face And 50 Percent	
Sidewalks	Concrete					
Concrete	100% 4+	\$16,500	LIFE	* *		C
	Cracks, Extent: Ligh		5%			
	Location : Through	out				
Piers Columns						
Pier,Columns Concrete	20%		LIFE	* *		В
Concrete	80% 0-2	\$168,900	LIFE	* *		В
0.01102.000	Cracks, Extent : Seve					2
	Location: Random	Locations Through	hout The	Coney Island Bour	nd Side	
	Spalling, Extent : Sev					
	Location : Random	Locations Through	hout The	Coney Island Bour	nd Side	
Stem,Solid Pier	600/		LIEE	* *		D
Concrete	60% 40% 2-4	\$887,400	LIFE LIFE	* *		B B
Concrete	40% 2-4 Cracks, Extent : Ligh					D
	Location : Through		370			
	Delaminations, Exter		ected : 15	5%		
	Location: Through					
	Efflorescence, Extent	: Moderate, Area	Affected .	: 60%		
	Location: Throughout					
	Spalling, Extent : Lig		15%			
	Location : Through	out				
Footings Not Accessible	100%					D
Mat (scour & erosion)	10070					ע
Earth	100%		LIFE	* *		A
Deck Elements	100,0					

Deck Elements

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

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

DEPARTMENT OF TRANSPORTATION - 841 BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY

Asset #: 2489

Bridge Structure		Current F	Repair	Futur	e Replacement	N	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Curbs	400							
Concrete	Location Explana Steel Fa	ı : Through tion : Deck				d 50 Pero	cent Concrete With	A
Concrete w/ Steel Face	Location	i : Through	Moderate, Area Af out Extent : Light, Area					A
		ı : Through		33				
	Explana	_	Elements Curbs A	re 50 Pe	rcent Concrete Wi	th Steel F	Face And 50	
Gratings	1000/			LIDE	* *			
Steel	100%			LIFE	· · · ·			A
Sidewalks Asphalt		_	\$7,600 at, Area Affected : 2		\$76,100	4	\$17,900	С
	Location	ı : Plaza Eı	ntrance To Station	Building				
Concrete	60%			2030	* *	5	\$4,800	C
Concrete		4+ xtent : Ligh 1 : Through	\$11,400 at, Area Affected : I out	2030	* *	5	\$2,400	С
Wearing Surface								
Asphalt	Location Other Obs Location	n : Through servation, E n : Inside St	\$34,400 st, Area Affected : 2 out Extent : Light, Area ation Building r Of Station Buildin	Affected		5	\$31,100	С
Superstructure								
Primary Member Concrete	Location Delamina Location Spalling,	n : Through tions, Exter n : Through	nt : Light, Area Affa out ht, Area Affected :	ected : 20	**	5	\$250,600	A
Concrete	Location Effloresce Location Exposed 1	xtent : Mod n : Through nce, Extent n : Through	: Severe, Area Aff out ent, Extent : Severe	ected : 10		5	\$250,600	A

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N

Address : OVER BRONX RIVER PARKWAY

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0152.000 / 13515 Yr Built/Renovated : 1907 /

Area Sq Ft : 24,591 Project Type : HIGHWAY BRIDGES

Date of Survey : 19-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2229560

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$1,107,000	\$1,029,100
Total	\$1,107,000	\$1,029,100
Priority A	\$905,800	\$281,100
Priority C	\$201,200	\$748,000
Total	\$1,107,000	\$1,029,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$87,800	\$600	\$24,800	
Total	\$87,800	\$600	\$24,800	
Priority A	\$33,000	\$600	\$24,800	
Priority B	\$13,200			
Priority C	\$41,600			
Total	\$87,800	\$600	\$24,800	



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

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

DEPARTMENT OF TRANSPORTATION - 841 BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N

Bridge Structure	Current	Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals Not Accessible	100%						D
Backwall Not Accessible	100%						D
Brngs,Ancr Blts,Pads Steel	100% Other Observation, Location : Undersi	_	LIFE Affected	**			A
		Accessible For Insp	ection. R	eauires Railroad I	Flagman		
Footings Not Accessible	100%			7			D
Joint with Deck Steel	100%		LIFE	* *			В
Mat (scour & erosion) Earth	100%		LIFE	* *			В
Stem (breastwall)	10070		LIIL				ь
Concrete	10% 4+ Efflorescence, Exten Location : Randon		LIFE cted : 5%	* *			В
Concrete	90%		LIFE	* *			В
Walls Not Accessible	100%						D
Wingwalls	10070						D
Footings Not Accessible	100%						D
Mat (scour & erosion) Earth	100%		LIFE	* *			С
Piles							
Not Accessible	100%						D
Walls							
Not Accessible	100%						D
Approaches							
Pavement Asphalt	100% 4+ Cracks, Extent: Mod Location: Through Settlement, Extent: Location: At East Other Observation, A	hout Light, Area Affected Approach	l : 10%	\$683,500 : 100%	4	\$14,900	С
	Location : Through Explanation : Total Concrete		onsists Oj	f 50 Percent Aspho	alt And 5	0 Percent	
Concrete	100% 4+ Cracks, Extent : Lig. Location : At Both Spalling, Extent : Li, Location : At Both	Approaches ght, Area Affected :		**	4	\$57,000	С

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

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

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

DEPARTMENT OF TRANSPORTATION - 841 BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N

Asset #: 13515

ridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
proaches								
Curbs								
Concrete w/ Steel Face		4+ Extent : Lig 1 : Random	\$3,500 ht, Area Affected : Locations	LIFE 5%	* *			A
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Concrete	Location Other Obs Location Explana	issing Elem 1: Random servation, E 1: West App	Extent : Light, Area proach South Side	Affected		4 ete, 30 Pe	\$1,100	A
Steel	100%			LIFE	* *	2-8	\$1,700	Α
Timber	100%	4+	\$7,500	2025	\$37,700	4	\$1,600	A
	Location Other Obs Location	ı : Random servation, E	tt, Area Affected: I Throughout Timbe Extent: Light, Area proach South End er Railing	er Rail	! : 100%			
Mat (scour & erosion)	Expiana	ion . Timo	er ranns					
Earth	100%			LIFE	* *			A
Sidewalks								
Concrete	Location Spalling,	xtent : Ligh 1 : Random	ht, Area Affected :		* *			С
ers								
Cap Beam	1000/							ъ
Not Accessible	100%							D
Stem, Solid Pier	1000/							Ъ
Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
	100%							υ
Footings Not Accessible	100%							D
Mat (scour & erosion)	100%							ע
Earth	100%			LIFE	* *			A
Pedestals	100/0			LII L				11
Not Accessible	100%							D
Piles	10070							
Not Accessible	100%							D
ak Flaments	/0							

Deck Elements

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

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

DEPARTMENT OF TRANSPORTATION - 841 BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N

Asset #: 13515

Bridge Structure	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
Deck Elements				
Curbs	1000/	2044 **		
Concrete	100%	2044		A
	Other Observation, Extent : Light, Ar Location : North Side Curb	ea Affectea : 100%		
	Explanation : North Side Curb Is Co	oncrete With Steel Face And	Concrete Roadway Barrier	
	At South Side.	merete with Steel I dee Ind	Concrete Rodaway Barrier	
Guide Railing				
Concrete	100% 4+ \$8,200			A
	Exposed Reinforcement, Extent: Light			
	Location: South Face Of Concrete			
	Spalling, Extent: Light, Area Affected			
	Location: South Face Of Concrete			
	Other Observation, Extent : Light, Ar Location : Along The South Side Of	• • • • • • • • • • • • • • • • • • • •		
	Explanation: Concrete Guide Rail	-		
Railings/Parapets	Explanation : Concrete Guide Kati	wiin Sieei Fencing		
Concrete	100%	2033 **	4 \$1,700	Α
Steel	100% 4+ \$10,700		2-8 \$9,500	Α
	Corrosion, Extent : Light, Area Affect	ted : 5%		
	Location: Exterior Surface			
	Loss of Section, Extent : Light, Area A Location : Exterior Face	Affected : 2%		
Sidewalks				
Concrete	100% 4+ \$10,700		5 \$6,000	C
	Cracks, Extent: Light, Area Affected	: 1%		
	Location: Random Locations	ACC . 1 500/		
	Other Observation, Extent : Light, Ar Location : South Sidewalk	еа Ајјестеа : 50%		
	Explanation: Sidewalk Is Partially	Fenced Out For Construction	7	
Wearing Surface	Experience . Sucrem 15 1 artituty	2 chied out 1 of Constituentor	•	
Concrete	100%	2033 **	5 \$129,100	C
Superstructure			•	
Deck,Structural				
Not Accessible	100%			D
Primary Member			.	
Steel	100% 4+ \$905,800		2-8 \$454,600	A
	Corrosion, Extent: Light, Area Affect			
Cacandam: Mamban	Location : Fascia Girder On Botton	a runge		
Secondary Member Not Accessible	100%			D
Not Accessible	10070			ע

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BRUCKNER BLVD, OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST

Address : 133RD - 135TH ST

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0077.000 / 2508 Yr Built/Renovated : 1938 /

Area Sq Ft : 32,900 Project Type : HIGHWAY BRIDGES

Date of Survey : 20-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2266540

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$1,962,700	\$1,399,900
Total	\$1,962,700	\$1,399,900
Priority A	\$1,491,300	\$238,200
Priority B	\$103,500	\$651,300
Priority C	\$367,900	\$510,500
Total	\$1,962,700	\$1,399,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$26,900		\$66,400	
Total	\$26,900		\$66,400	
Priority A	\$7,600		\$700	
Priority B	\$2,900		\$65,300	
Priority C	\$16,500		\$400	
Total	\$26,900		\$66,400	



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.

DEPARTMENT OF TRANSPORTATION - 841 BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST

Asset #: 2508

Bridge Structure	Current Re	pair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Backwall							
Concrete	100%		LIFE	* *			С
Brngs,Ancr Blts,Pads Not Accessible	100%						D
Footings Not Accessible	100%						D
Joint with Deck Not Accessible	100%						D
Mat (scour & erosion) Generic	100% 4+ Spalling, Extent : Light Location : Pothole A			* *			В
Stem (breastwall) Brick	100%		LIFE	* *			В
Wingwalls Footings Not Accessible	100%						D
Mat (scour & erosion) Generic	100% 4+ Spalling, Extent : Light Location : Small Ran		LIFE 10%	* *			С
Piles Not Accessible	100%						D
Walls							
Brick	100%		LIFE	* *			C
Concrete	100% 4+ Broken/Missing Eleme, Location: Joint Fille Cracks, Extent: Light, Location: Northwest Spalling, Extent: Light, Location: Southwest Other Observation, Ex. Location: Random Explanation: Minor	r At Southwest Wi Area Affected : 25 Wingwall t, Area Affected : 2 Wingwall tent : Light, Area	ingwall J % 2%	oint			С
Approaches							
Pavement Asphalt	100%		2024	\$178,400	4	\$4,800	С
Curbs Concrete	100%		LIFE	* *			A
Embankment Earth	100%		LIFE	* *			С

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

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

DEPARTMENT OF TRANSPORTATION - 841 BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST

Asset #: 2508

Bridge Structure	Current Repair	Future Replacem	uture Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches Guide Railing Concrete Steel	100% 100% 4+ \$4,600 Broken/Missing Element, Extent : Ligh		* *	4 2-8	\$25,700	A A
	Location: Northern Approach Corrosion, Extent: Light, Area Affecto Location: Random					
Pavement Base Not Accessible	100%					D
Sidewalks Concrete	100% Cracks, Extent: Light, Area Affected: Location: Random Vegetation Growth, Extent: Light, Are Location: At Cracks		* *			С
Piers						
Cap Beam Concrete Encased Steel	100%	LIFE	* *	5		A
Pier,Columns Steel	100% Corrosion, Extent : Light, Area Affecto Location : Throughout		* *	2-8	\$937,500	В
	Other Observation, Extent : Light, Are Location : At Span 1 Explanation : Impact Damage	ea Affected : 10%				
Stem,Solid Pier Concrete	100%	LIFE	* *			В
Footings Not Accessible	100%					D
Mat (scour & erosion) Generic	100%	LIFE	* *			A
Deck Elements Curbs						
Concrete	100% Vegetation Growth, Extent : Light, Ard Location : At Joints	2043 ea Affected : 10%	* *			A
Gratings Steel	100%	LIFE	* *			A
Guide Railing Concrete	100% Other Observation, Extent : Light, Are Location : Throughout Explanation : Peeling Paint	2036 ea Affected : 30%	* *			A
Steel	100% 4+ \$1,900 Broken/Missing Element, Extent: Light Location: Broken Support At South	ht, Area Affected : 5%	* *			A

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

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

DEPARTMENT OF TRANSPORTATION - 841 BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Railings/Parapets	400							
Concrete	100%			2032	**	4	\$3,200	A
			Extent : Light, Area	Affected	: 20%			
		n : Random	C!:	!: D:	,			
Sidewalks	Ехріапа	tion : Mino	r Scaling And Peel	ing Pain	T			
	100%			2028	* *	5	\$800	С
Concrete			t, Area Affected : 5			3	\$800	C
		мені . Lign 1 : Random	і, Агей Аујесіей	70				
Wearing Surface	Locuitor	i . Kanaom						
Asphalt	100%	4+	\$6,600	2024	\$332,100	5	\$17,100	С
Aspilait			t, Area Affected : £		\$332,100	3	\$17,100	C
		n : Transvei		,,,				
Superstructure	<u> </u>		se craens					
Deck,Structural								
Concrete	40%			LIFE	* *	5	\$36,200	A
Concrete	60%		\$954,200	LIFE	* *	5	\$36,200	A
	Cracks, E.	xtent : Ligh	t, Area Affected : 2	20%			,	
			rside Of Deck					
	Spalling,	Extent : Lig	ht, Area Affected :	20%				
	Location	n : On Unde	erside Of Deck					
Joints								
Not Accessible	100%							D
Primary Member								
Concrete Encased Steel	100%	4+	\$537,200	LIFE	* *	5	\$165,800	Α
	Other Obs	servation, E	Extent : Light, Area	Affected	: 80%			
		n : Random						
	Explana	tion : Peeli	ng Paint					
Secondary Member								
Steel	100%		\$103,500	LIFE	* *	2-8	\$509,500	В
			Extent : Light, Area	Affected	1:30%			
		n : Random						
	Explana	tion : Paint	Peeling					

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : CONEY ISLAND AVE. BRIDGE

Address : CONEY ISLAND AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0169.000 / 13577 Yr Built/Renovated :

Area Sq Ft : 20,600 Project Type : HIGHWAY BRIDGES

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

Areas Surveyed :

Block : Lot : BIN : 2231380

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$668,000	\$501,800
Total	\$668,000	\$501,800
Priority A	\$257,900	\$257,900
Priority B	\$203,900	\$203,900
Priority C	\$206,200	\$40,000
Total	\$668,000	\$501,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$264,500		\$95,600	
Total	\$264,500		\$95,600	
Priority A	\$167,500		\$53,800	
Priority B	\$68,700		\$20,400	
Priority C	\$28,300		\$21,300	
Total	\$264,500		\$95,600	



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

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

DEPARTMENT OF TRANSPORTATION - 841 CONEY ISLAND AVE. BRIDGE

Asset #: 13577

Bridge Structure	Current Rep	air Futu	re Replacement	Maintenance	
System Component Type	% of Fail Date Ed Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Abutments					
Bridge Seat&pedestals					
Concrete	100%	LIFE	* *		A
Backwall	100-		di di		~
Concrete	100%	LIFE	* *		С
Brngs, Ancr Blts, Pads	1000/				ъ
Not Accessible	100%				D
Footings Not Accessible	100%				D
Joint with Deck	100%				D
Generic	100% 4+	\$21,100 LIFE	* *		В
Generic	Missing/Damaged Seal,		Sected · 15%		Ъ
	Location : North Abuti		cerea : 1570		
	Spalling, Extent : Light,				
	Location : At Concrete				
Mat (scour & erosion)					
Earth	100%	LIFE	* *		В
Pedestals					
Concrete	100%	LIFE	* *		A
Stem (breastwall)					
Concrete	15% 4+	\$10,500 LIFE	* *		В
	Cracks, Extent: Light, A	**			
	Location : Both Abutm	ents			
Concrete	85%	LIFE			В
Masonry	100%	LIFE	* *		В
Wingwalls					
Footings					
Not Accessible	100%				D
Mat (scour & erosion)	1000/		di di		
Earth	100%	LIFE	* *		С
Piles	1000/				ъ
Not Accessible	100%				D
Walls	5% 4+	¢44.700 I IEE	* *		С
Concrete		\$44,700 LIFE			C
	Cracks, Extent : Light, Area Affected : 5% Location : Random Locations Throughout				
	Efflorescence, Extent : Light, Area Affected : 5%				
	Location : Random Loc		•		
	Spalling, Extent : Light,				
	Location : Random Loc				
Concrete	95%	LIFE	* *		С
Masonry: Stone	100%	LIFE			C
wiasoni y. Stone	10070	LIFE			

Approaches

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

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

DEPARTMENT OF TRANSPORTATION - 841 CONEY ISLAND AVE. BRIDGE

Asset #: 13577

idge Structure	Current Re	pall	ruture	Replacement	IVI	aintenance	
stem Component Type	% of Fail Date 1 Total (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori Coo
proaches							
Pavement							
Asphalt	70% 4+	1 7	2026	* *	4	\$42,700	C
	Cracks, Extent: Light,						
	Location : Random L	_					
	Spalling, Extent: Ligh						
	Location : Random L	ocations Throughou	ıt				
Asphalt	30%	2	2026	* *	4	\$42,700	С
Curbs	1000/	τ.	TEE	* *			
Concrete w/ Steel Face	100%	1	LIFE	* *			A
Embankment	1000/	т	TEE	* *			0
Earth	100%		IFE				C
	Other Observation, Ex Location: At Southw		јестеи	. 100%			
	Explanation: Earth 1						
Guide Railing	Explanation : Earth I	Smounkment					
Concrete	100%	9	2034	* *	4	\$43,400	Α
Concrete	Other Observation, Ex			: 100%	•	Ψ13,100	11
	Location : Both East		,				
	Explanation : Steel F	=	ncrete	Parapet			
Steel	100%		IFE	**	2-8	\$70,500	A
Mat (scour & erosion)						+ · · · · · ·	
Earth	100%	I	IFE	* *			A
Median							
Concrete	100% 4+	\$8,300 I	LIFE	* *			A
	Spalling, Extent: Light	t, Area Affected : 2%	6				
	Location: North App	roach					
Sidewalks							
Concrete	100% 4+	. ,	LIFE	* *			C
	Cracks, Extent: Light,						
	Location : Random L	=					
	Settlement, Extent : Lig		2%				
	Location : Northwest	Approach					
rs Com Dooms							
Cap Beam	1000/	т	TEE	* *	20	¢200 000	A
Steel Dior Columns	100%	1	LIFE		2-8	\$208,800	A
Pier,Columns Concrete	100%	Ţ	IFE	* *			В
Concrete	Other Observation, Ex						D
	Location : At Concre		jecieu	. 100/0			
	Explanation : Stone I						
Brngs,Ancr Blts,Pads	Zapananon . Sione 1	acuty					
Steel	100%	Ī	IFE	* *	2-8	\$2,300	A
~	Other Observation, Ex			: 33%	_ 0	4-, 200	
	Location : Piers 1, 2						
	Explanation : Steel B		ixed B	rg.) At Pier 2. Ela	stomeric	Bearings (
	Expansion Bearing)					<u> </u>	
Not Accessible	100%						D

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

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

DEPARTMENT OF TRANSPORTATION - 841 CONEY ISLAND AVE. BRIDGE

Asset #: 13577

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers	<u> </u>						
Footings							
Not Accessible	100%						D
Mat (scour & erosion) Earth	100%		LIFE	* *			A
Piles Not Accessible	100%						D
Deck Elements	10070						
Curbs							
Concrete w/ Steel Face	100%		LIFE	* *			A
Median							
Concrete	100%		LIFE	* *	5	\$6,700	A
		ctent : Light, Area Affected : 5 : Random Locations Through					
Mono Deck Surface	Locuiton	. Random Locations Through	ioui				
Concrete	100%		2051	* *	5		C
Railings/Parapets							
Concrete	100%		2034	* *	4	\$9,200	A
	Location	ervation, Extent : Light, Area : Both Parapets ion : Concrete Parapet With					
Steel	100%		LIFE	* *	2-8	\$20,600	A
Sidewalks							
Concrete		4+ \$28,300 stent : Moderate, Area Affecte : Random Locations Through		* *	5	\$4,800	С
Wearing Surface							
Concrete		4+ \$58,800 ctent : Light, Area Affected : £ : Near Cold Joints At Piers	2034	* *	5	\$40,000	С
Superstructure							
Deck,Structural Concrete	100%		LIFE	* *	5	\$45,300	A
	Corrosion,	, Extent : Light, Area Affected : Random Locations Through	!: 10%	Inderside Of Stav-l	n-Place		
	Other Obs Location	ervation, Extent : Light, Area : Throughout Except Undera tion : Underdeck Steel Deck I	Affected leck Bay	l : 100%			
Primary Member Steel	100%		LIFE	* *	2-8	\$652,700	A
Secondary Member Steel	100%		LIFE	* *	2-8	\$560,000	В
	100/0				- 0	Ψ200,000	

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS

Address : MELROSE-WEBSTER,E163 TO 165 ST

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0054.000 / 2661 Yr Built/Renovated : 1897 /

Area Sq Ft : 37,481 Project Type : HIGHWAY BRIDGES

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

Areas Surveyed :

Block : Lot : BIN : 2241110

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Bridge Structure	\$936,500	\$850,900	
Total	\$936,500	\$850,900	
Priority A	\$412,200	\$412,200	
Priority B	\$441,600	\$371,000	
Priority C	\$82,700	\$67,700	
Total	\$936,500	\$850,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$283,100		\$75,300	
Total	\$283,100		\$75,300	
Priority A	\$172,200		\$38,100	
Priority B	\$84,100		\$37,200	
Priority C	\$26,800			
Total	\$283,100		\$75,300	



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

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

DEPARTMENT OF TRANSPORTATION - 841 CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS

Asset #: 2661

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	* *			A
Backwall Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads Steel	100%			LIFE	* *			A
Footings Not Accessible	100%							D
Joint with Deck Generic	_	_	\$70,600 al, Extent : Light, A Locations Through		* * ected : 15%			В
Mat (scour & erosion) Earth	100%			LIFE	* *			В
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Masonry	100%			LIFE	* *			В
Wingwalls Footings Not Accessible	100%							D
Piles Not Accessible	100%							D
Walls Masonry	100%			LIFE	* *			C
Approaches								
Pavement Asphalt	Location Other Obs Location	: Random ervation, E : Random	\$26,800 t, Area Affected: A Locations Through Extent: Light, Area Locations Through Thent Patching	hout Affected	**	4	\$18,800	С
Curbs								
Concrete w/ Steel Face	Location Vegetation	: Through Growth, E	\$4,100 Moderate, Area Af out Extent : Moderate, Locations Througi	Area Affe				A
Sidewalks								
Concrete	100%			LIFE	* *			C
Piers Cap Beam								
Concrete			: Light, Area Affe Locations Through		**			A

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

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

DEPARTMENT OF TRANSPORTATION - 841 CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS

Asset #: 2661

Bridge Structure	Current R	epair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ers							
Pier, Columns	1000/		LIPE	* *			ъ
Concrete	100% Other Observation, Ex Location: Random I Explanation: Water	Locations Through					В
Stem,Solid Pier							
Masonry	100% 4+	\$16,500	LIFE	* *			В
	Other Observation, Ex Location: Througho Explanation: Efflore	ut	Affected	: 10%			
Brngs,Ancr Blts,Pads	Explanation . Ejjiore	escence staining					
Steel	100%		LIFE	* *	2-8	\$17,200	A
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A
Pedestals							
Concrete	100%		LIFE	* *			В
Piles							_
Not Accessible	100%						D
eck Elements Curbs							
Concrete w/ Steel Face	100% 4+ Rust Stains, Extent: M Location: Random N Vegetation Growth, E. Location: Random N	Locations Through xtent : Light, Area	out Affected				A
Railings/Parapets							
Concrete	100% 4+ Cracks, Extent: Light Location: Througho		2034	* *	4	\$8,600	A
Steel	100% Corrosion, Extent : Li Location : Througho		LIFE : 30%	* *	2-8	\$19,100	A
Sidewalks							
Concrete	100% 4+ Spalling, Extent : Mod Location : Left Side-		2030 eed : 10%	**	5	\$13,200	С
Wearing Surface	1000/		202 -	an e	_		~
Asphalt	100%	\$46.300	2026	* *	5	0.7.70 0	C
Concrete	100% 4+ Cracks, Extent: Light Location: Random I			* *	5	\$67,700	С

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

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

DEPARTMENT OF TRANSPORTATION - 841 CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS

Bridge Structure	Current Repai	r Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements						
Scupper						
Cast Iron	100%	LIFE	* *			C
	Other Observation, Extent	: Light, Area Affected : 100%	6			
	Location: Throughout A	long The Curbs				
	Explanation: Total Of 8	Scuppers				
Superstructure						
Deck,Structural						
Concrete	100%	LIFE	* *	5	\$82,500	A
	Other Observation, Extent	: Light, Area Affected: 100%	6			
	Location: Throughout					
	Explanation : Stay In Pla	ce Forms - Good Condition				
Joints						
Steel	100%	LIFE	* *			C
Primary Member		<u> </u>				
Steel	100%	LIFE	* *	2-8	\$1,187,600	A
Secondary Member						
Steel	100%	LIFE	* *	2-8	\$1,019,000	В

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : CROSS BAY BLVD. BRIDGE CONDUIT BLVD

Address : CROSS BAY BLVD.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0160.000 / 13568 Yr Built/Renovated :

Area Sq Ft : 17,000 Project Type : HIGHWAY BRIDGES

Date of Survey : 11-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2248039

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$336,500	\$336,500
Total	\$336,500	\$336,500
Priority A	\$168,300	\$168,300
Priority B	\$168,300	\$168,300
Total	\$336,500	\$336,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$166,800		\$60,400	
Total	\$166,800		\$60,400	
Priority A	\$113,500		\$17,200	
Priority B	\$48,000		\$16,900	
Priority C	\$5,300		\$26,300	
Total	\$166,800		\$60,400	



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.

DEPARTMENT OF TRANSPORTATION - 841 CROSS BAY BLVD. BRIDGE CONDUIT BLVD

Asset #: 13568

Bridge Structure		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	* *			A
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Steel	100%			LIFE	* *			A
Footings Not Accessible	100%							D
Joint with Deck Generic	100% Missing/D	4+ amaged Se : North Jo	\$17,400 al, Extent : Light, 2 int	LIFE Area Affe	* * cted : 5%			В
Mat (scour & erosion) Earth	100%			LIFE	* *			В
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Not Accessible	100%							D
Wingwalls Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
	Location	: Adjacent	xtent : Light, Area To All Wingwalls r Vegetation Grow		: 100%			
Piles	Елрини	ion . Mino	r vegetation Grow	ııı				
Not Accessible	100%							D
Walls Granite	100%			LIFE	* *			С
Approaches								
Pavement								
Asphalt Concrete	100% 100%			2026 2034	* *	4 4	\$21,200 \$31,500	C C
Curbs Concrete w/ Steel Face			ight, Area Affectea Locations Through		* *			A
Embankment								
Earth Guide Railing	100%			LIFE	* *			С
Steel	Location	: Northeas	\$21,300 Extent : Moderate, A et And Southeast			2-8	\$5,900	A
	Explanat	ion : Guide	e Rail Has Vehicul	ar Impac	t Damage			
Mat (scour & erosion) Earth	100%			LIFE	* *			A

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

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

DEPARTMENT OF TRANSPORTATION - 841 CROSS BAY BLVD. BRIDGE CONDUIT BLVD

Asset #: 13568

Bridge Structure	Curren	t Repair	Future	Replacement	M	aintenance	
ystem Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
pproaches	•						
Sidewalks							
Concrete	100%		LIFE	* *			C
		Extent : Light, Area		5%			
		m Locations Through		11 D . 1771	1.5	. n	
ers	Explanation : Cra	acks In Concrete Dec	:k, Staewai	ik Propagatea In	rougn F	iscias Parapets	
Cap Beam							
Concrete	100%		LIFE	* *			A
Pier, Columns							
Concrete	100%		LIFE	* *			В
	Other Observation	, Extent : Light, Area	Affected :	20%			
	Location: Fascia	ı Columns					
	Explanation: Fa	scia Columns Are Co	ncrete Wi	th Cut Stone Mase	onry Fac	ing (Veneer)	
Brngs,Ancr Blts,Pads							
Steel	100%		LIFE	* *	2-8	\$6,900	A
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A
Pedestals	1000/		LIDE	* *			ъ
Concrete	100%		LIFE	* * *			В
Piles	1000/						D
Not Accessible eck Elements	100%						D
Curbs							
Concrete w/ Steel Face	100%		LIFE	* *			A
Concrete w/ Steel I dee		· Light, Area Affected					2.
		m Locations Through					
Median							
Concrete	100%		LIFE	* *	5	\$2,800	Α
Mono Deck Surface						,	
Concrete	100%		2045	* *	5		C
Railings/Parapets							
Concrete	100% 4+	\$13,200	2034	* *	4	\$7,800	Α
	Spalling, Extent : N	Moderate, Area Affec	ted : 1%				
	Location: Both Fascias At Northeast And Northwest Abutment						
		, Extent : Light, Area	Affected:	100%			
	Location: Both F	•					
		rtical Face Concrete	Parapet V	Vith Steel Chainli	nk Prote	ctive Screening	
Sidewalks	Mounted On Top	OJ Parapet					
Concrete	100% 4+	\$5,300	2030	* *	5	\$2,600	С
Colletete		\$3,300 ght, Area Affected : I			3	φ2,000	C
		gni, Area Ajjeciea . I nd West Sidewalks T		ascias			

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

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

DEPARTMENT OF TRANSPORTATION - 841 CROSS BAY BLVD. BRIDGE CONDUIT BLVD

Bridge Structure	Current Repair	Future Replace	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimate FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements						
Wearing Surface						
Concrete	100%	2034	* *	5		C
	Cracks, Extent: Light, Area Affected	: 20%				
	Location: Throughout Entire Deck					
Superstructure						
Deck,Structural						
Concrete	100%	LIFE	* *	5	\$37,400	A
	Other Observation, Extent: Light, Ar	ea Affected : 100%				
	Location: Entire Deck					
	Explanation: Concrete Deck With S	Stay - In - Place Meta	ıl Forms			
Primary Member						
Steel	100%	LIFE	* *	2-8	\$538,700	A
Secondary Member						
Steel	100%	LIFE	* *	2-8	\$462,200	В

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY

Address : OVER BELT SHORE PARKWAY

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0153.000 / 13516 Yr Built/Renovated :

Area Sq Ft : 23,205 Project Type : HIGHWAY BRIDGES

Date of Survey : 08-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2231559

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Bridge Structure	\$497,200	\$6,348,100	
Total	\$497,200	\$6,348,100	
Priority A	\$322,100	\$459,400	
Priority B	\$106,800	\$229,700	
Priority C	\$68,200	\$5,659,100	
Total	\$497,200	\$6,348,100	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$120,000	\$65,600	\$71,600	
Total	\$120,000	\$65,600	\$71,600	
Priority A	\$35,000		\$48,600	
Priority B	\$33,800		\$23,000	
Priority C	\$51,200	\$65,600		
Total	\$120,000	\$65,600	\$71,600	



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

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

Asset #: 13516

Bridge Structure	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals	1000/ 4	Φ40.c00	LIPE	* *			
Concrete	100% 4+	\$49,600	LIFE	* *			Α
	Cracks, Extent : Mode Location : Begin Abu		l: 5%				
Backwall	Locuiton : Degin Hou	imeni wesi siae					
Not Accessible	100%						D
Brngs,Ancr Blts,Pads	10070						
Steel	100%		LIFE	* *			A
Footings							
Not Accessible	100%						D
Joint with Deck							
Generic	100% 4+	\$30,500	LIFE	* *			В
	Missing/Damaged Sea		te, Area	Affected: 25%			
	Location : Both Abut	ments					
Mat (scour & erosion)	1000/		LIPE	* *			D
Earth	100%	tant Liaht Anaa	LIFE				В
	Other Observation, Ex Location : Both Abut	=	Ајјестеа	. 00%			
	Explanation : Earth (Stone	n A Slone Undern	oath Abu	tmant	
Pedestals	Explanation . Earth (on side And I dve	Sione C	т А згоре Опаета	eun Abu	ітені	
Concrete	100% 4+	\$3,100	LIFE	* *			A
0011010	Cracks, Extent : Mode						
	Location : Begin Abu						
	Exposed Reinforcemen	t, Extent : Modera	ite, Arec	ı Affected : 5%			
	Location : Begin Abu	tment West Side					
	Spalling, Extent: Mod	erate, Area Affecte	ed : 5%				
	Location : Begin Abu	tment West Side					
Stem (breastwall)							
Concrete	100% 4+	\$66,200	LIFE	* *			В
	Cracks, Extent : Mode		d : 5%				
	Location : Begin Abu						
	Exposed Reinforcemen		ite, Arec	ı Affected : 10%			
	Location: End Abuth						
	Explanation : Expose Spalling, Extent : Mod		ad - 100	<u> </u>			
	Location : End Abutn		zu . 10%	o O			
Wingwalls		· · · · ·					
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Earth	100%		LIFE	* *			C
Piles							
Not Accessible	100%						D

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

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

Asset #: 13516

Bridge Structure	Curre	ent Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail I Total (Yea	Pate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ingwalls							
Walls	400	40.400					~
Masonry: Stone	Location: Rand	\$8,400 n, Extent : Moderate, lom Locations Throug lissing Pointing And E	hout		Mortar		С
pproaches							
Pavement							
Asphalt	Location: On S	on, Extent : Light, Arec Eurface Pavement Area Consist			4 120 Per	\$196,900	С
Concrete	$\frac{2\lambda ptanation : 1}{100\%}$	\$12,200	2033	* *	4	\$35,200	С
Concrete	Cracks, Extent : Location : Rand Spalling, Extent :	\$12,200 Light, Area Affected : . lom Locations Throug Light, Area Affected : lom Locations Throug	5% hout - 5%		4	\$33,200	C
Curbs							
Concrete w/ Steel Face	100% 4+ Settlement, Exten Location : Both	\$53,400 t : Moderate, Area Aff Approaches	LIFE ected : 40	* *			A
Embankment Earth	100%		LIFE	* *			С
Guide Railing Steel	100%		LIFE	* *	2-8	\$57,700	A
Mat (scour & erosion) Earth	100%		LIFE	* *			A
Sidewalks							
Concrete	Location : Isolo	\$15,000 Light, Area Affected: ted Location t: Moderate, Area Aff		**			С
	Location: Both	==	естей . 37	o .			
iers		**					
Pier,Columns							
Concrete	Location: Rand	\$40,600 Moderate, Area Affect dom Locations Throug on, Extent: Light, Area	hout	* * : 100%			В
	Location: At P	ier					
	Explanation : P	ier Column Is 65 Perc	ent Concr	ete And 35 Percei	nt Stone	Masonry	
Masonry	Location: At P	\$3,300 on, Extent : Moderate, iers, Scattered Throug oose Elements And Ve	hout				В

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

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

Asset #: 13516

ridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
rstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ers								
Stem,Solid Pier								_
Concrete	Location	: At Pier	Extent : Light, Arec ier Wall As Stem S		**			В
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	\$16,500	A
Footings Not Accessible	100%							D
Mat (scour & erosion)								
Earth	Location	: At Pier	Extent : Light, Ared d Roadway	LIFE Affected	**			A
Piles	· T							
Not Accessible	100%							D
ck Elements								
Curbs								
Concrete w/ Steel Face			\$2,100 ght, Area Affected : Locations Throug		* *			A
Median								
Concrete	Location Settlement Location Vegetation Location Other Obs	: Near En ; Extent : M : Near En n Growth, I : Near En ervation, E : Through		ected : 20 a Affected a Affected	l : 10%	5	\$27,900	A
- · · · · · · · · · · · · · · · · · · ·	Explana	tion : Conc	rete Island Mediai	n				
Railings/Parapets Steel	Location	: Through	Extent : Light, Arec out Railing And Fence		* * ! : 100%	2-8	\$7,500	A
Sidewalks	· r	~						
Concrete		_	\$6,000 nt, Area Affected : . Isolated Location.		**	5	\$3,600	С
Wearing Surface Concrete	100%			2033	* *	5	\$136,400	С
Scupper Ductile Iron	100%			LIFE	* *			С

Superstructure

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

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

ridge Structure	Current Repair	Future	e Replacement	M	aintenance		
stem Component Type	% of Fail Date Estim Total (Years)	nated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
perstructure							
Deck,Structural							
Concrete		\$139,900 LIFE	* *	5	\$25,500	A	
	Cracks, Extent: Moderate, A	55					
	Location : Random Location	e	,				
	Spalling, Extent : Moderate,	55)				
	Location : Random Location	e					
	Other Observation, Extent:	Light, Area Affected	: 100%				
	Location : Throughout						
	Explanation : Stay In Plac	e Forms Used Under	· Deck				
Joints							
Generic	100% 4+	\$9,700 LIFE	* *			C	
	Missing/Damaged Seal, Ext	ent : Moderate, Area	Affected : 50%				
	Location : Throughout						
Primary Member							
Steel	2% 4+	\$29,800 LIFE	* *	2-8	\$429,000	A	
	Other Observation, Extent: Moderate, Area Affected: 25%						
	Location: Throughout						
	Explanation: Bird Nesting	?					
Steel	98%	LIFE	* *	2-8	\$429,000	A	
Secondary Member	1000/	LIDE	ale ale	2.0	Ф250 400	D	
Steel	100%	LIFE	* *	2-8	\$359,400	В	

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV

Address : METRO NORTH

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0008.000 / 2443 Yr Built/Renovated : 1983 /

Area Sq Ft : 30,192 Project Type : HIGHWAY BRIDGES

Date of Survey : 19-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2076640

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Bridge Structure	\$921,700	\$1,310,200	
Total	\$921,700	\$1,310,200	
Priority A	\$106,800	\$296,900	
Priority B	\$629,300	\$597,700	
Priority C	\$185,500	\$415,600	
Total	\$921,700	\$1,310,200	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$116,600	\$8,000	\$92,500	
Total	\$116,600	\$8,000	\$92,500	
Priority A	\$19,200	\$8,000	\$31,000	
Priority B	\$23,500		\$61,500	
Priority C	\$74,000			
Total	\$116,600	\$8,000	\$92,500	



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

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

DEPARTMENT OF TRANSPORTATION - 841 DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV

Asset #: 2443

Bridge Structure	Cur	rent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals							
Not Accessible	100%						D
Backwall							
Not Accessible	100%						D
Brngs, Ancr Blts, Pads	1000/						
Not Accessible	100%						D
Footings	1000/						ъ
Not Accessible	100%						D
Joint with Deck	1000/		LIPP	* *			D
Generic	100%		LIFE	4- 4-			В
Mat (scour & erosion) Earth	100%		LIFE	* *			В
	100%		LIFE				В
Pedestals Not Accessible	100%						D
	100%						D D
Stem (breastwall) Not Accessible	100%						D
Walls	100%						D
Not Accessible	100%						D
Wingwalls	10070						D
Footings							
Not Accessible	100%						D
Mat (scour & erosion)	10070						
Generic	100%		LIFE	* *			C
Piles	10070						
Not Accessible	100%						D
Walls							
Cast Iron	100%		LIFE	* *			C
	Other Observat	ion, Extent : Severe, Are	ea Affecte	d: 100%			
	Location : Soi	ıth Abutment					
	Explanation:	Steel Sheeting					
Concrete	100%		LIFE	* *			С
Stream Channel							
Bank Protection							
Riprap	100% No	w \$120,700	LIFE	* *			C
	Broken/Missing	Element, Extent: Mode	erate, Are	a Affected : 60%			
		ng West Fascia - Harle					
	Erosion, Extent	: Moderate, Area Affec	ted : 40%				
<u></u>	Location : Ala	ng Bank Of Harlem Riv	ver				
Pier Protection							
Steel	100% 0-	, ,	LIFE	* *			В
		ion, Extent : Severe, Are	00				
		rs Located Along Bank					
	Explanation:	Corrosion/ Section Los.	s On Stee	l Fender System			

Approaches

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

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

DEPARTMENT OF TRANSPORTATION - 841 DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV

ridge Structure	Current Repair	Future F	Replacement	M	aintenance	
rstem Component Type	% of Fail Date Estimated Co Total (Years)	ost Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
proaches						
Pavement	1000/ 2.4 000/00	2022	#20 < 000	4	Φ2.000	a
Asphalt	100% 2-4 \$28,60		\$286,000	4	\$3,900	C
	Cracks, Extent : Moderate, Area Aff- Location : More Severe At South A					
Concrete	100% 4+ \$13,40		* *	4	\$14,900	C
	Cracks, Extent: Light, Area Affected	d : 15%				
	Location: Both Approaches					
Curbs						
Concrete	5% 4+ \$3,90 Broken/Missing Element, Extent: Li Location: Random Locations Settlement, Extent: Light, Area Affe	ight, Area Affec cted : 10%	* * ted : 20%			A
	Location : More Severe At South A					
Concrete	95%	LIFE	* *			A
Granite	100%	LIFE	* *			A
Embankment						_
Generic	100%	LIFE	* *			C
Guide Railing	400					
Steel	100% 0-2 \$13,90		* *	2-8	\$5,800	Α
	Damaged Railing, Extent : Light, Ar		0%			
-	Location: South Approach East Si	de				
Mat (scour & erosion)	0004		* *			
Earth	80%	LIFE	**			A
Earth	20% Now \$1,40		* *			A
	Erosion, Extent: Moderate, Area Af	•	Di			
G: 1 11	Location: South Approach Along	Bank Of Harlen	n River			
Sidewalks	1000/ 4 014.20	o LIEE	* *			a
Concrete	100% 4+ \$14,20		* *			C
	Cracks, Extent: Light, Area Affected					
	Location: South Approach East Si					
	Settlement, Extent : Light, Area Affe					
	Location: South Approach East Si					
	Spalling, Extent: Light, Area Affects					
	Location : South Approach East Si	ae				
ers Con Boom						
Cap Beam	1000/	LIFE	* *			A
Concrete	100%	LIFE	4- 4			A
Pier, Columns	1000/	LIDD	* *	2.0	¢45 coo	D
Steel	100%	LIFE	* *	2-8	\$45,600	В
Stem, Solid Pier	1000/ 4:	M IIPP	* *			ъ
Concrete	100% 4+ \$206,50 Rust Stains, Extent : Moderate, Area Location : Throughout					В
Brngs,Ancr Blts,Pads						
Steel	100% 4+ \$106,80	00 LIFE	* *	2-8	\$16,000	Α
	Corrosion, Extent : Moderate, Area			-	, , 0	
	Location : Under Leaky Deck Join					

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

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

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

DEPARTMENT OF TRANSPORTATION - 841 DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV

Asset #: 2443

Bridge Structure	Curre	ent Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail I Total (Yea	Pate Estimated Cost rs)	Year l FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
iers							
Footings							
Not Accessible	100%						D
Pedestals							
Concrete	100% 4+	\$17,200	LIFE	* *			В
		Light, Area Affected : 1	10%				
	Location : Pier	s 5, 6 And 7					
eck Elements							
Curbs	1000/		LIEE	* *			
Granite	100%		LIFE	* *			A
Railings/Parapets	1000/		2022	* *	4	¢24.000	
Concrete	100%		2033	* *	4	\$24,000	A
Steel	100%	ut . Lialut Auga Affacta	LIFE	* *	2-8	\$9,400	A
		nt : Light, Area Affecte dom Locations, Steel R		Ton Of Comments	Dananat	On Path Sidas	
		iom Locaiions, Sieei K Fence On Both Sides I					
	125 Feet.	rence On Boin Sides I	н тие брин	is Over Tracks, 1	oiai Len	дін Пррголітаны	
Sidewalks							
Concrete	100% 4+	\$11,400	2029	* *	5	\$4,100	C
	Cracks, Extent:	Light, Area Affected : 5	5%				
	Location : Rand	dom Locations					
	Spalling, Extent .	Light, Area Affected :	2%				
	Location : Rand						
Wearing Surface							
Concrete	95%		2033	* *	5	\$129,600	C
Concrete	5% 4+	\$2,200	2033	* *	5	\$64,800	C
	Cracks, Extent:	Light, Area Affected : 2	20%				
	Location: Spar	ıs 1 To 5					
	Spalling, Extent .	Light, Area Affected:	3%				
	Location : Near	South End					
perstructure							
Deck,Structural							
Concrete	100%		LIFE	* *	5	\$33,200	A
		on, Extent : Light, Area	Affected:	100%			
	Location : Spar	ıs 5 To 11					
	Explanation : S	tay In Place Forms At	Underdeck	k			
Joints							
Generic	100% 4+	\$4,200	LIFE	* *			C
		Light, Area Affected :	10%				
	Location : Thre	pughout					
Primary Member							
Prestressed Concrete	100%		LIFE	* *			Α
Box Beam							
		on, Extent : Light, Area	Affected:	20%			
		South Abutment					
	-	Consists Of 20 Percent	Precast Bo	ox Beam Girders .	And 80 F	Percent Steel	
	Girders						
Steel	100%		LIFE	* *	2-8	\$554,600	Α

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

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

DEPARTMENT OF TRANSPORTATION - 841 DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV

Bridge Structure	Current Repa	ir Futu	re Replacement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure						
Secondary Member						
Steel	5% 2-4	\$6,200 LIFE	* *	2-8	\$467,600	В
	Corrosion, Extent : Light,	Area Affected: 20%				
	Location: Adjacent To	Deck Joints				
	Loss of Section, Extent: 1	Light, Area Affected : 5	5%			
	Location : Adjacent To	Deck Joints				
Steel	95%	LIFE	* *	2-8	\$467,600	В

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : E. 12TH STREET BRIDGE

Address : E. 12TH STREET

 $Borough \hspace{1.5cm} : \hspace{.1cm} BROOKLYN \hspace{1.5cm} Agency's \hspace{.1cm} Number \hspace{.1cm} : \hspace{.1cm} N/A$

Program / Asset # : DOT0163.000 / 13571 Yr Built/Renovated :

Area Sq Ft : 17,200 Project Type : HIGHWAY BRIDGES

Date of Survey : 11-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2231390

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$1,018,500	\$340,500
Total	\$1,018,500	\$340,500
Priority A	\$288,200	\$170,200
Priority B	\$239,700	\$170,200
Priority C	\$490,500	
Total	\$1,018,500	\$340,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$263,300	_	\$35,700	\$34,600
Total	\$263,300		\$35,700	\$34,600
Priority A	\$144,800		\$18,700	
Priority B	\$76,900		\$17,100	
Priority C	\$41,500			\$34,600
Total	\$263,300		\$35,700	\$34,600



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

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

DEPARTMENT OF TRANSPORTATION - 841 E. 12TH STREET BRIDGE

Bridge Structure	Current	Repair	Futur	e Replacement	Maintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle Estimated (Yrs)	Cost Priority Code
Abutments						
Bridge Seat&pedestals Concrete	100%		LIFE	* *		A
Backwall						
Concrete	100%		LIFE	* *		C
	Efflorescence, Exter Location : Both A	nt : Light, Area Affed butments	cted : 5%	j		
Brngs,Ancr Blts,Pads						
Steel	100%		LIFE	* *		A
Footings						
Not Accessible	100%					D
Joint with Deck						
Generic	100% 4+	\$19,000	LIFE	* *		В
	_	ght, Area Affected : 5	5%			
	Location : At Con					
	Missing/Damaged S	_		ected : 20%		
		n Locations Through				
		ight, Area Affected :	5%			
	Location : At Con	crete Headers				
Mat (scour & erosion)	1000/		LIDE	* *		D
Earth	100%		LIFE	4 4		В
Pedestals	1000/		LIDE	* *		A
Concrete	100%		LIFE	4. 4.		A
Stem (breastwall)	1000/ 4	\$60.500	LIDD	* *		D
Concrete	100% 4+	\$69,500	LIFE	4- 4-		В
	Location : Both A	ght, Area Affected : I butments	10%			
			50/			
	Location : At Sout	ight, Area Affected : th Abutment	3%			
Masonry	100% 4+	\$13,000	LIFE	* *		В
·	Broken/Missing Ele Location : At Nort	ment, Extent : Light, theast Corner	, Area Af	fected : 5%		
Wingwalls						
Footings						
Not Accessible	100%					D
Mat (scour & erosion)						
Earth	100%		LIFE	* *		C
Piles						
Not Accessible	100%					D

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

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

DEPARTMENT OF TRANSPORTATION - 841 E. 12TH STREET BRIDGE

Bridge Structure	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Co FY	st Cycle Estimated Cost (Yrs)	Priority Code
Wingwalls				
Walls	COV 4. \$55	200 LIEE *	*	C
Concrete	6% 4+ \$55, Cracks, Extent: Light, Area Affect	300 LIFE		С
	Location: Vertical And Horizon		ons Throughout	
	Efflorescence, Extent: Light, Area		no in oughour	
	Location: Random Locations To			
	Spalling, Extent : Light, Area Affe	ected : 10%		
	Location: Random Locations To	hroughout		
	Other Observation, Extent : Mode	erate, Area Affected : 50%		
	Location: Random Locations To	hroughout		
	Explanation : Paint Peeling			
Concrete	94%	LIFE	*	C
Masonry: Stone	80% 4+ \$28,		*	C
	Other Observation, Extent: Light			
	Location : All Wingwalls Except			
	Explanation: Efflorescence At J			
Masonry: Stone	20%	LIFE *	*	С
Approaches Pavement				
Asphalt	100% 4+ \$334,	700 2026 *	* 4 \$54,600	С
Asphan	Cracks, Extent: Moderate, Area		τ ψ5τ,000	C
	Location : Random Locations Ti			
Curbs				
Concrete w/ Steel Face	100% 4+ \$71,	700 LIFE	*	A
	Corrosion, Extent: Moderate, Are	ea Affected : 20%		
	Location : Random Locations To	hroughout		
Embankment	1000/	T TEN	d.	
Earth	100%	LIFE *	*	С
Guide Railing	1000/	LIFE *	* 2-8 \$69,400	٨
Steel Mat (scour & erosion)	100%	LIFE .	* 2-8 \$69,400	A
Earth	100%	LIFE *	*	A
Median	10070	EH E		7.1
Concrete	100% 4+ \$46,	300 LIFE *	*	A
	Cracks, Extent : Light, Area Affec	ted : 5%		
	Location: Random Locations To	hroughout		
	Spalling, Extent : Light, Area Affe	ected : 5%		
	Location: Random Locations To	=		
	Other Observation, Extent: Light			
	Location : At Concrete Curbs W	ith Steel Face		
C: 1 11	Explanation: Corrosion			
Sidewalks	1000/4 / 4	200 LIEE *	*	C
Concrete	100% 4+ \$40, Cracks, Extent: Light, Area Affec			С
	Location: Random Locations To			
	Spalling, Extent: Light, Area Affe	=		
	Location: Random Locations To			

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

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

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

DEPARTMENT OF TRANSPORTATION - 841 E. 12TH STREET BRIDGE

Asset #: 13571

ridge Structure	Current	Repair	Future F	Replacement	M	aintenance	
ystem Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ers	•		•				
Pier,Columns							
Concrete	100% 2-4	\$13,900	LIFE	* *			В
	_	ent : Light, Area Affe	ected : 5%				
	Location: West C	enter Pier					
	Other Observation,	Extent : Light, Area	Affected: I	100%			
	Location : All Pie						
	Explanation : Out	er Face Finished Wi	ith Stone Mo	isonry			
Brngs,Ancr Blts,Pads							
Steel	100%		LIFE	* *	2-8	\$2,300	A
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A
Pedestals							
Concrete	100%		LIFE	* *			В
Piles							
Not Accessible	100%						D
eck Elements							
Curbs							
Concrete w/ Steel Face	100% 4+	\$22,700	LIFE	* *			Α
		Moderate, Area Affe					
	Location : Randor	n Locations Through	hout				
	Spalling, Extent : L	ight, Area Affected :	5%				
	Location : Randor	n Locations Through	hout				
Median							
Concrete	100% 4+	\$12,400	LIFE	* *	5	\$3,000	Α
	Corrosion, Extent:	Moderate, Area Affe	ected : 20%				
	Location : At Con	crete Curbs With Ste	eel Face				
	Spalling, Extent : L	ight, Area Affected :	5%				
	Location : Randor	n Locations Through	hout				
Railings/Parapets							
Steel	100%		LIFE	* *	2-8	\$18,600	Α
Sidewalks							
Concrete	100% 4+	\$12,800	2030	* *	5	\$2,200	C
	Cracks, Extent: Lig	ght, Area Affected : 5	5%				
	Location: Randor	n Locations Through	hout				
	Spalling, Extent : L	ight, Area Affected :	5%				
	Location: Randon	n Locations Through	hout				
Wearing Surface							
Concrete	100%		2034	* *	5	\$69,100	C
perstructure							
Deck,Structural							
Concrete	100%		LIFE	* *	5	\$37,900	Α

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

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

DEPARTMENT OF TRANSPORTATION - 841 E. 12TH STREET BRIDGE

Bridge Structure	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure							
Joints							
Generic	80% 4+	\$48,100	LIFE	* *			C
	Broken/Missing Elemen		rate, Are	a Affected : 30%			
	Location : At Joint R	ubber Seal					
	Spalling, Extent : Light	t, Area Affected :	10%				
	Location : At Concre	te Headers					
Generic	20% 0-2	\$12,000	LIFE	* *			С
	Broken/Missing Elemen	nt, Extent : Mode	rate, Are	a Affected : 20%			
	Location : At Joint R	ubber Seal					
	Misaligned/Bulging, E.	xtent : Light, Ared	a Affecte	d : 10%			
	Location : At Rubber	Seal					
Primary Member							
Steel	100%		LIFE	* *	2-8	\$545,000	A
	Other Observation, Ex	tent : Moderate, A	Area Affe	ected : 30%			
	Location: Random L	ocations Through	out				
	Explanation: Paint I	Peeling With Mind	or Surfac	re Corrosion			
Secondary Member							
Steel	100%		LIFE	* *	2-8	\$467,600	В
	Other Observation, Ex	tent : Moderate, A	Area Affe	ected : 30%			
	Location: Random L	ocations Through	out				
	Explanation: Paint I	Peeling With Mind	or Surfac	re Corrosion			

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : E. 165TH ST. BRIDGE / METRO-NORTH RR

Address : E. 165TH ST

Borough : BRONX Agency's Number : N/A Program / Asset # : DOT0166.000 / 13574 Yr Built/Renovated : 1897 /

Area Sq Ft : 16,400 Project Type : HIGHWAY BRIDGES

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

Areas Surveyed :

Block : Lot : BIN : 2241630

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$548,800	
Total	\$548,800	
Priority A Priority C	\$39,700 \$509,000	
Total	\$548,800	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$24,000		\$5,300	
Total	\$24,000		\$5,300	
Priority A Priority C	\$3,500 \$20,500		\$5,300	
Total	\$20,500 \$24,000		\$5,300	



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

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

DEPARTMENT OF TRANSPORTATION - 841 E. 165TH ST. BRIDGE / METRO-NORTH RR

Asset #: 13574

Bridge Structure		Current F	Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals								_
Not Accessible	100%							D
Backwall	1000/							ъ
Not Accessible	100%							D
Brngs, Ancr Blts, Pads Not Accessible	100%							D
Footings	10070							<u> </u>
Not Accessible	100%							D
Mat (scour & erosion)	10070							
Earth	100%			LIFE	* *			В
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
Wingwalls								
Footings	1000/							Ъ
Not Accessible	100%							D
Mat (scour & erosion) Not Accessible	100%							D
Piles	10070							<u> </u>
Not Accessible	100%							D
Walls	10070							
Concrete	100%	4+	\$96,600	LIFE	* *			C
	Spalling, E	Spalling, Extent : Moderate, Area Affected : 30%						
			Locations Through					
	Vegetation	Growth, E	Extent : Light, Area	Affected	l : 10%			
	Location	: End Abu	tment Wingwall					
Masonry: Stone	100%			LIFE	* *			С
Approaches								
Pavement								
Asphalt	100%	0-2	\$278,700	2026	* *	4	\$45,500	C
	Cracks, Extent: Moderate, Area Affected: 35%							
	Location: Random Locations Throughout							
	Spalling, Extent : Light, Area Affected : 10% Location : Random Locations Throughout							
		: Kanaom	Locations Inrougi		ale ale			
Concrete	100%			2034	* *	4		<u>C</u>
Curbs Concrete w/ Steel Face	1000/			LIFE	* *			٨
Concrete w/ Steel Face	100% Rust Stain	c Frient .	Moderate, Area Afj					Α
		s, Extent : Through		ceieu . I	.070			
Median								
Concrete	100%			LIFE	* *			A
Concrete	100/0							

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

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

DEPARTMENT OF TRANSPORTATION - 841 E. 165TH ST. BRIDGE / METRO-NORTH RR

Asset #: 13574

Bridge Structure		Current Repair Future Replaceme		e Replacement	M			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches Sidewalks Concrete		_	\$14,300 t, Area Affected : 5 Locations Through		**			С
Piers Stem,Solid Pier								
Masonry	100%			LIFE	* *			В
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals	1000/							ъ
Not Accessible	100%							D
Piles Not Accessible	1000/							D
Peck Elements	100%							ע
Curbs								
Concrete w/ Steel Face		s, Extent : I : Through	Light, Area Affecte out	LIFE d : 50%	* *			A
Median								
Concrete		_	\$3,500 t, Area Affected : I Locations Through		* *	5	\$2,100	A
Railings/Parapets								
Concrete	100%			2034	* *	4	\$9,700	A
Steel		4+ , Extent : M : Through	\$39,700 Aoderate, Area Affa out	LIFE ected : 30	**	2-8	\$13,300	A
Sidewalks								
Concrete			\$6,200 t, Area Affected : I Locations Through		* *	5	\$2,600	С
Wearing Surface								
Asphalt	Location Spalling, I	: Random Extent : Lig	\$133,800 lerate, Area Affecte Locations Through ht, Area Affected: Locations Through	hout 10%	**	5	\$12,100	С
uperstructure			<u> </u>					
Deck,Structural Not Accessible	100%							D
Primary Member Not Accessible	100%							D

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

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

DEPARTMENT OF TRANSPORTATION - 841 E. 165TH ST. BRIDGE / METRO-NORTH RR

Bridge Structure	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure						<u></u>
Secondary Member						
Not Accessible	100%					D

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR

Address : EAST 144TH STREET

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0184.000 / 13718 Yr Built/Renovated : 1920 /

Area Sq Ft : 8,290 Project Type : HIGHWAY BRIDGES

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

Areas Surveyed :

Block : Lot : BIN : 2241550

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$47,400			
Total	\$47,400			
Priority B	\$11,700			
Priority C	\$35,700			
Total	\$47,400			



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.

DEPARTMENT OF TRANSPORTATION - 841 EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR

Asset #: 13718

Bridge Structure		Current R	epair	Futur	e Replacement	Ma	intenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
butments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck Generic	100%	4+	\$11,700 nt : Moderate, Are	LIFE	* *			В
		: East Abu		и Ајјесте	a. 20/0			
Mat (scour & erosion) Earth	100%			LIFE	* *			В
Pedestals Not Accessible	100%							D
Stem (breastwall) Concrete Not Accessible	100% 100%			LIFE	* *			B D
	Location	: Througho	xtent : Light, Area out rcent Of The Wall					
Vingwalls	Елрини	ion . 50 1 e.	rceni Oj The Wali	13 1101 11	ccessibie			
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles	10070			LILL				
Not Accessible	100%							D
Walls								
Masonry	Location	: West Side	\$4,200 xtent : Light, Area e South Wingwall xtent : Light, Area					С
	Location	: Througho	put		Percent Concrete (Cribbing		
Masonry: Stone	100% Other Obs Location	4+ ervation, Ex : Both Side	\$13,500 extent : Light, Area	LIFE Affected	* *			С

Approaches

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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR

Asset #: 13718

Bridge Structure	ICTURE Current Repair F		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Pavement Asphalt		2-4 xtent : Ligh a : Both App	\$8,600 t, Area Affected : I proaches	2025 10%	\$28,700	4	\$800	С
	Location Other Obs Location	: East App servation, E i : Both App	Extent : Light, Area proaches	Affected				
			ercent Asphalt And					
Concrete		4+ Extent : Lig a : East App	\$4,500 ht, Area Affected : proach	2033 10%	* *	4	\$3,100	С
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								_
Earth		servation, E 1 : Begin Ri	Extent : Light, Area ght Side	LIFE Affected	* *			С
	Explana	tion : Begir	n Right Wingwall I.	s Earth A	nd Concrete Cribb	oing		
Guide Railing								
Steel		, Extent : L : Through	ight, Area Affected out	LIFE d : 20%	* *	2-8		A
Mat (scour & erosion)	1000/				de de			
Earth	100%			LIFE	* *			A
Sidewalks	1000/			LIDE	* *			C
Concrete		xtent : Ligh 1 : Through	t, Area Affected : I	LIFE 10%	* *			С
Piers								
Cap Beam Not Accessible	100%							D
Pier,Columns Not Accessible	100%							D
Stem,Solid Pier Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			A
Pedestals Not Accessible	100%							D
Piles Not Accessible	100%							D
Dock Floments								

Deck Elements

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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Curbs							
Concrete w/ Steel Face	100%		LIFE	* *			A
Mono Deck Surface							
Concrete	100%		2044	* *	5		С
Railings/Parapets							
Concrete	100%		2033	* *	4		A
	Corrosion,	Extent: Light, Area A	ffected : 10%				
	Location	: Throughout					
	Other Obs	ervation, Extent : Light	, Area Affectea	l : 100%			
	Location	: Both Sides					
	Explanat	ion : Chainlink Fence (On Top Of Con	crete Parapet			
Sidewalks							
Concrete	100%	4+ \$4,	900 2029	* *	5	\$3,500	C
	Cracks, Ex	tent : Light, Area Affec	ted : 10%				
	Location	: Random					
Superstructure							,
Deck,Structural							
Not Accessible	100%						D
Primary Member							
Not Accessible	100%						D
Secondary Member							
Not Accessible	100%						D

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : EAST 149TH STREET BRIDGE

Address : EAST 149TH STREET / AMTRAK RAILS

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 12,575 Project Type : HIGHWAY BRIDGES

Date of Survey : 17-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241129

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$318,200
Total		\$318,200
Priority A		\$124,500
Priority B		\$124,500
Priority C		\$69,300
Total		\$318,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$57,300		\$25,300	
Total	\$57,300		\$25,300	
Priority A	\$6,500		\$12,800	
Priority B			\$12,500	
Priority C	\$50,800			
Total	\$57,300		\$25,300	



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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST 149TH STREET BRIDGE

Asset #: 13713

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
butments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	* *			В
Mat (scour & erosion) Earth	100%			LIFE	* *			В
Pedestals Not Accessible	100%							D
Stem (breastwall) Not Accessible	100%							D
ingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			С
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	* *			С
pproaches								
Pavement Asphalt		4+ ctent : Ligh : Both Abi	\$6,900 t, Area Affected :	2025 15%	\$69,300	4	\$1,500	C
	Location Other Obs Location	: Through ervation, E : Both Abi		ere At No a Affected		ncrete		
Concrete	100% Cracks, Ex Location Spalling, H	2-4 ctent : Ligh : Through Extent : Lig	\$10,800 t, Area Affected : out ht, Area Affected .	2033 10%	* * nt And Random Loc	4	\$5,800 t South Abutment	С
Curbs								
Concrete w/ Steel Face		, Extent : L : Through	ight, Area Affecte out	LIFE d : 5%	* *			A
Embankment Earth	100%			LIFE	* *			С

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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST 149TH STREET BRIDGE

Asset #: 13713

Bridge Structure	Current Repa	ir	Future	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches	•						
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A
Sidewalks							
Concrete	75% 4+ Cracks, Extent : Light, Ar	, ,	LIFE %	* *			С
	Location : Random Loca						
Concrete	10% 4+	\$5,300	LIFE	* *			С
	Settlement, Extent : Mode	rate, Area Affec	ted : 30	0%			
	Location: Random Loca	ations					
Concrete	15% 0-2	\$7,900	LIFE	* *			С
	Cracking/Crumbling, Exte	ent : Moderate, .	Area Af	fected : 30%			
	Location: More Severe	At North Appro	ach We	st Side			
	Other Observation, Exten	t : Light, Area A	ffected	: 100%			
	Location: East And Wes	st Sides					
	Explanation : Steel Fasc	cia With Corrug	ated Ste	el Siding For Rai	lroad Pro	otection	
Deck Elements							
Guide Railing							
Concrete	100% 4+	1 - 1	2037	* *			A
	Cracks, Extent: Light, Ar		Ó				
76.1	Location : Random Loca	illons					
Median	1000/		LIEE	* *	_	\$2,600	A
Concrete Mana Danis Sunface	100%		LIFE		5	\$2,600	A
Mono Deck Surface Concrete	100% 4+	\$5,400	2044	* *	5	\$33,400	С
Concrete	Cracks, Extent: Light, Ar				3	\$33,400	C
	Location: Throughout	earyjeerea . 57	o .				
Railings/Parapets							
Steel	100%		LIFE	* *	2-8	\$9,900	A
23001	Corrosion, Extent : Light,				_ 0	42,500	
	Location : Random Loca						
	Other Observation, Exten	t : Light, Area A	ffected	: 100%			
	Location : Both Sides						
	Explanation : Steel Fasc	cia With Steel Ro	ailing A	nd Cladding On T	op		
Sidewalks							
Concrete	90% 4+	\$9,200	2029	* *	5	\$5,800	C
	Other Observation, Exten			cted : 30%			
	Location : Adjacent To (r Wall				
	Explanation: Water Por	nding					
Concrete	10% 4+	\$2,600	2029	* *	5	\$5,800	C
	Cracks, Extent: Light, Ar	ea Affected : 80	%				
	Location: Both Sides						
Superstructure							
Deck,Structural							_
Not Accessible	100%						D

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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST 149TH STREET BRIDGE

Bridge Structure	Current Repair	Future Re	placement	Ma	aintenance	
System Component Type	% of Fail Date Estimated Co. Total (Years)	st Year Est FY		Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure						
Primary Member						
Steel	100%	LIFE	* *	2-8	\$232,500	A
	Corrosion, Extent : Light, Area Affec	eted : 5%				
	Location: Random Locations					
Secondary Member						
Steel	100%	LIFE	* *	2-8	\$194,700	В

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : EAST 149TH STREET/JACKSON AVE CONRAIL PORT MORRIS

Address : JACKSON, MARYS, ANNS, 150TH STS

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0053.000 / 2479 Yr Built/Renovated : 1905 /

Area Sq Ft : 65,000 Project Type : HIGHWAY BRIDGES

Date of Survey : 31-Oct-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241050

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$77,100		\$13,500	
Total	\$77,100		\$13,500	
Priority A	\$14,700		\$2,100	
Priority C	\$62,400		\$11,400	
Total	\$77,100		\$13,500	_



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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST 149TH STREET/JACKSON AVE CONRAIL PORT MORRIS

Asset #: 2479

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							D
Backwall								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings	400							_
Not Accessible	100%							D
Mat (scour & erosion)	1000/							
Not Accessible	100%							D
Pedestals	1000/							Ъ
Not Accessible	100%							D
Stem (breastwall)	1000/							Ъ
Not Accessible	100%							D
Walls	1000/							D
Not Accessible	100%							D
Wingwalls Footings								
Not Accessible	100%							D
Mat (scour & erosion)	10070							
Not Accessible	100%							D
Walls	10070							
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	50%			2026	* *	4	\$22,800	C
Asphalt	50%	4+	\$14,000	2026	* *	4	\$22,800	C
-	Broken,M	ssing Pave	, Extent : Light, Ar	ea Affec	ted : 2%			
	Location	: At East A	Approach					
	Cracks, E.	ctent : Ligh	t, Area Affected : 5	5%				
	Location	: Random	Locations Through	hout				
			xtent : Light, Area		l : 10%			
			Locations Through					
	Explana	tion : Unev	en Asphalt Surface	!				
Curbs								
Concrete w/ Steel Face	100%	4+	\$11,600	LIFE	* *			A
			ight, Area Affected					
			Locations Through					
			ht, Area Affected :					
	Location	: Kandom	Locations Through	10ut				
Embankment	4.00-				a. ·			~
Generic	100%			LIFE	* *			<u>C</u>
Mat (scour & erosion)	1000/			TIPE	ታ ታ			
Earth	100%			LIFE	* *			A

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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST 149TH STREET/JACKSON AVE CONRAIL PORT MORRIS

Bridge Structure		Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Sidewalks								
Concrete	100%	4+	\$23,300	LIFE	* *			C
		_	Area Affected: 5					
			ocations Through		20.4			
		_	: Light, Area Affe)%			
			rth Sidewalk Joini					
	-	_	t, Area Affected :					
	Location	i : Kanaom L	ocations Through	iout				
Deck Elements								
Curbs	1000/	4	¢2 100	LIDE	* *			
Concrete w/ Steel Face	100%	4+ Extent : Li	\$3,100 ght, Area Affected	LIFE	-11-			A
			gni, Area Ajjeciea Locations Through					
D. 'I' /D /	Locuitor	i . Kanaom L	ocuions Inrougi	юш				
Railings/Parapets Concrete	100%			2034	* *	4	\$4.200	A
Concrete		ervation Ev	tent : Light, Area		1 · 40%	4	\$4,200	A
		ı : North Sid	_	Пусстеи	. 40/0			
		tion : Concr	-					
Sidewalks	Ехрини	non . concr	ere I araper					
Concrete	100%			2030	* *	5	\$9,000	C
Wearing Surface	10070			2030			Ψ,,σσσ	
Concrete	100%	4+	\$25,100	2034	* *	5	\$17,100	C
2 22222			Area Affected : 1				+,	
		_	th Sides Of Appro		ts			
		_	: Light, Area Affe					
			h Sides Of Appro					
		_	t, Area Affected :					
		_	h Sides of Approa		S			
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Primary Member								
Not Accessible	100%							D
Secondary Member								
Not Accessible	100%							D

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : EAST 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST

Address : GRAND CONCOURSE

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0063.000 / 2488 Yr Built/Renovated : 1923 /

Area Sq Ft : 35,917 Project Type : HIGHWAY BRIDGES

Date of Survey : 19-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2242300

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$882,100	\$2,099,200
Total	\$882,100	\$2,099,200
Priority A	\$128,100	\$220,500
Priority B	\$754,000	\$682,300
Priority C		\$1,196,400
Total	\$882,100	\$2,099,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$75,900	_	\$72,600	\$16,500
Total	\$75,900		\$72,600	\$16,500
Priority A	\$16,000		\$500	
Priority B	\$3,100		\$68,400	
Priority C	\$56,800		\$3,600	\$16,500
Total	\$75,900		\$72,600	\$16,500



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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST

Bridge Structure		Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Backwall								
Concrete	100%			LIFE	* *			С
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings	100%							D
Not Accessible	100%							D
Mat (scour & erosion)	10070							
Generic	100%	4+	\$3,100	LIFE	* *			В
	Spalling, I	Extent : Lig	ht, Area Affected :					
	Location	a: Pothole	At Eastern Exit Of	Tunnel				
Pedestals								
Steel	100%			LIFE	* *			A
			ight, Area Affectea					
	Location	ı : Minor Pi	itting At Base Of P	edestals	At Sidewalk			
Stem (breastwall)	1000/	4 .	Φ126.200	LIPE	* *			ъ
Concrete	100%	4+ Extent : Lie	\$136,200 ht, Area Affected :	LIFE	* *			В
		: Spalling			s, Water Infiltration	n At One	Spall In South	
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								_
Generic	100%			LIFE	* *			С
Piles	1000/							Ъ
Not Accessible	100%							D
Walls Concrete	100%			LIFE	* *			С
Concrete		servation. E	xtent : Light, Area		1:75%			C
		: Through		55	, . , .			
		tion : Peeli						
Approaches	<u> </u>							
Pavement								
Asphalt	70%			2024	\$613,100	4	\$24,500	C
Asphalt	30%	4+	\$26,300	2024	\$262,700	4	\$16,300	C
			t, Area Affected : 2	20%				
		: Random	lat Amon ACC1. 1	100/				
		Extent : Lig i : Random	ht, Area Affected :	10%				
Curbs	Locuitor	. Kunuom						
Concrete w/ Steel Face	100%			LIFE	* *			A
Concrete w/ Steel Pace	10070			LIII				п

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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST

Asset #: 2488

Bridge Structure		Current Repair Future		e Replacement	Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
approaches	•		•				
Guide Railing							
Concrete	80%		2032	* *	4	\$28,800	A
Concrete	20%	4+ \$6,400	2032	* *	4	\$19,200	Α
		xtent : Light, Area Affected :	20%				
		n : Random					
		Extent : Light, Area Affected					
		a: At Approaches Atop Wing					
Steel	100%		LIFE	* *	2-8	\$19,600	A
Pavement Base							
Not Accessible	100%						D
Sidewalks	20	4					~
Concrete	20%	4+ \$15,400	LIFE	* *			C
		xtent : Light, Area Affected : a : Random	10%				
_		i : Kanaom					
Concrete	80%		LIFE	* *			С
iers							
Pier, Columns	900/		LIDD	* *	2.0	¢002 200	D
Steel	80% 20%	4+ \$617,800	LIFE LIFE	* *	2-8 2-8	\$982,300 \$982,300	B B
Steel		4+ \$017,800 Extent : Light, Area Affecte,			2-8	\$982,300	D
		; Extent : Light, Area Agjecte i : Random Pitting Througho					
Stem, Solid Pier							
Concrete	100%		LIFE	* *			В
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Generic	100%		LIFE	* *			A
eck Elements							
Curbs							
Concrete w/ Steel Face	100%		LIFE	* *			A
Guide Railing							
Steel	100%		LIFE	* *			A
Median							
Concrete	100%		LIFE	* *	5	\$16,900	A
Sidewalks					_		
Concrete	80%	4 44 222	2028	* *	5	\$7,200	C
Concrete	20%	4+ \$3,800	2028	* *	5	\$3,600	C
		xtent : Light, Area Affected : a : Random, Large Crack At		Over Fastern Fnd 1	Of Tunno	1	
Wearing Surface	Locuitor	. Tandon, Large Crack At	Juc wan (Sver Eustern Ena () innie	<i>v</i>	
Asphalt	90%		2024	\$288,500	5	\$33,000	С
Asphalt	10%	4+ \$3,200	2024	\$32,100	5	\$16,500	C
1 ispituit		xtent : Light, Area Affected :		φ32,100	5	Ψ10,500	C
		: Random Location	-0,0				

Superstructure

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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST

Bridge Structure		Current Re	pair	Futur	e Replacement	M	aintenance	
system Component Type		ail Date l (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
uperstructure								
Deck,Structural								
Concrete	100%	4+	\$128,100	LIFE	* *	5	\$39,500	A
	Cracks, Exte	ent : Light,	Area Affected : 2	2%				
	Location:	Cracks Wi	th Efflorescence	At Deck	Supporting Subwa	y		
	Other Obser	vation, Ex	ent : Light, Area	Affected	: 5%			
	Location:	Underside	Of Deck					
	Explanatio	n : Peeling	Paint					
Primary Member								
Concrete Encased Steel	100%			LIFE	* *	5	\$181,000	A

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK

Address : OVER AMTRAK AT EAST TREMONT AVE / E. 180TH ST.

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0155.000 / 13518 Yr Built/Renovated : 1907 /

Area Sq Ft : 22,300 Project Type : HIGHWAY BRIDGES

Date of Survey : 19-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241270

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$638,200
Total		\$638,200
Priority A		\$264,200
Priority B		\$39,300
Priority C		\$334,800
Total		\$638,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$101,300	\$300	\$26,300	
Total	\$101,300	\$300	\$26,300	
Priority A	\$2,100	\$300	\$22,300	
Priority B	\$35,900		\$3,900	
Priority C	\$63,400			
Total	\$101,300	\$300	\$26,300	



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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK

Asset #: 13518

Bridge Structure	C	urrent Repair	Futur	e Replacement	Maintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Abutments						
Bridge Seat&pedestals						
Concrete	100%		LIFE	* *		A
Backwall						
Not Accessible	100%					D
Brngs,Ancr Blts,Pads						
Not Accessible	100%					D
Footings						
Not Accessible	100%					D
Joint with Deck						
Generic	100%	4+ \$21,300	LIFE	* *		В
		aged Seal, Extent : Light,	Area Affe	ected : 10%		
	Location : I	Both Approaches				
Mat (scour & erosion)						_
Earth	100%		LIFE	* *		В
Pedestals						
Concrete	100%		LIFE	* *		A
Stem (breastwall)						_
Concrete		4+ \$14,500	LIFE	* *		В
		t : Moderate, Area Affect	ted : 40%			
	Location : T	nrougnout				
Concrete	95%		LIFE	* *		В
Wingwalls						
Footings	400					_
Not Accessible	100%					D
Mat (scour & erosion)	1000/		LIDE	* *		a
Earth	100%		LIFE	* *		С
Piles	1000/					ъ
Not Accessible	100%					D
Walls	1000/	4. 010.100	LIDE	* *		C
Concrete		4+ \$12,100	LIFE	4. A		С
		t : Light, Area Affected :	370			
	Location : T					
Masonry	100%	4+ \$2,000	LIFE	**		C
		Miss/Erod, Extent : Light,	Area Affe	cted : 10%		
	Location : T					
		ation, Extent : Light, Are		! : 100%		
		East Abutment North Wing				
	•	- C	nry And L	ies Adjacent To Bi	uildings; The Other Three	
A nnroachas	wingwalls A	Are Concrete.				

Approaches

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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK

Asset #: 13518

Bridge Structure	Current Repair Future Replacement Maintenance				aintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
pproaches								
Pavement								
Asphalt	100%	4+	\$5,200	2025	\$261,800	4	\$7,300	C
			, Area Affected : 1					
			out All Approache.					
			ight, Area Affected	1:5%				
		: Random						
			xtent : Light, Area		: 20%			
	Location	: Begin An	d End Approaches	S				
	Explanat	ion : Appro	oach Pavement Is .	15 Percei	nt Concrete And 85	5 Percent	t Asphalt	
Concrete	100%	4+	\$8,100	2033	* *	4	\$11,100	С
	Cracks, Ex	tent : Ligh	, Area Affected : 3	30%				
	Location	: Random	Locations					
	Spalling, E	Extent : Lig	ht, Area Affected :	10%				
		: Both Join						
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			Α
.,, 2000		Extent : L	ight, Area Affected					
		: Through						
Embankment								
Earth	100%			LIFE	* *			C
Mat (scour & erosion)								
Earth	100%			LIFE	* *			Α
Sidewalks	10070							
Concrete	100%	4+	\$3,200	LIFE	* *			C
Concrete			t, Area Affected : £					C
		: Random		.,,				
ers								
Pier,Columns								
Steel	100%			LIFE	* *	2-8	\$113,200	В
Stem,Solid Pier	10070			<u> </u>			Ψ113,200	
Concrete	100%			LIFE	* *			В
Brngs,Ancr Blts,Pads	100/0			LILL				ע
Not Accessible	100%							D
Footings	10070							D
Not Accessible	100%							D
Mat (scour & erosion)	10070							<u> </u>
Earth	100%			LIFE	* *			A
Piles	10070			LILE				Λ
Not Accessible	100%							D
	100%							ע
eck Elements Curbs								
Curbs Concrete w/ Steel Face	100%			LIDD	* *			A
Concrete w/ Steel Face		Extent . I	ight, Area Affected	LIFE				A
		: Random		. 1070				
	ьосапоп	. капаот	Locanons					

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

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

DEPARTMENT OF TRANSPORTATION - 841 EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK

Bridge Structure	Current Re	pair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Median							
Concrete	90%		LIFE	* *	5	\$21,700	A
Concrete	10% 4+	\$2,100	LIFE	* *	5	\$21,700	A
	Cracks, Extent : Light, Location : Random L		0%				
Railings/Parapets							
Concrete	100%		2033	* *	4	\$800	A
	Other Observation, Ext Location :	_	Affected	: 100%			
	Explanation: Concre	te Parapet					
Steel	100%		LIFE	* *	2-8	\$4,800	A
	Other Observation, Ext Location : Explanation : Steel Ro	Ü	Affected	: 100%			
Sidewalks	-	-					
Concrete	100% 4+	\$7,400	2029	* *	5	\$5,300	C
	Cracks, Extent: Light,		%				
	Location : Random L	ocations					
Wearing Surface							
Concrete	100% 4+	\$25,200	2033	* *	5	\$73,000	C
	Spalling, Extent : Light						
	Location : Along Arm	ored Joint Along	East An	d West Abutment			
Superstructure							
Deck,Structural	400-1						_
Not Accessible	100%						D
Primary Member	1000/		LIDE	.ii.	2.0	#412.2 22	
Steel	100%	1	LIFE	* *	2-8	\$412,300	A
	Corrosion, Extent : Lig Location : Throughou		: 10%				
Secondary Member							
Not Accessible	100%						D

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FDR NB RAMP/SOUTH ST Address : OFF RAMP @PACK SLIP

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0027.0A0 / 4323 Yr Built/Renovated : 1954 /

Area Sq Ft : 102,200 Project Type : HIGHWAY BRIDGES

Date of Survey : 18-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 223201A

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$279,000	\$813,100
Total	\$279,000	\$813,100
Priority A	\$279,000	\$490,900
Priority B		\$158,400
Priority C		\$163,900
Total	\$279,000	\$813,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$106,600		\$65,100	
Total	\$106,600		\$65,100	
Priority A	\$22,200		\$49,200	
Priority B	\$40,300		\$15,900	
Priority C	\$44,100			
Total	\$106,600		\$65,100	



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

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

Asset #: 4323

Bridge Structure	Current Repair	Future Replacen	nent I	Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estimated FY	Cost Cycle (Yrs)	Estimated Cost	Priority Code
Abutments	•	•	•		
Bridge Seat&pedestals Not Accessible	100%				D
Not Accessible	Other Observation, Extent : Lig	oht Area Affected : 0%			D
	Location : Under Deck Shield	==			
	Explanation: Under Constru	ction, 25% Of The Bridge Is	Covered With T	Temporary Under	
	Deck Shield.				
Backwall	1000/				Ъ
Not Accessible	100%				D
Brngs,Ancr Blts,Pads Not Accessible	100%				D
Footings	10070				<u> </u>
Not Accessible	100%				D
Joint with Deck	10070				
Generic	50%	LIFE	* *		В
	Other Observation, Extent : Lig	ght, Area Affected : 100%			
	Location: Begin Abutment				
	Explanation: Under Constru	ction			
Generic	50%	LIFE	* *		В
Pedestals					
Not Accessible	100%				D
Stem (breastwall)	1000/				
Not Accessible	100%	. 1.4 A A CC4 - 1 . 00/			D
	Other Observation, Extent : Lig Location :	упі, Агеа Ајјестеа : 0%			
	Explanation: Under Constru	ction			
Walls	Explanation . Onder Constitu	Sion			
Not Accessible	100%				D
	Other Observation, Extent : Lig	ght, Area Affected : 0%			
	Location:				
	Explanation: Under Constru	ction			
Wingwalls					
Footings	100-1				_
Not Accessible	100%				D
Piles	1000/				D
Not Accessible Walls	100%				D
Concrete	80%	LIFE	* *		С
Concrete		21,400 LIFE	* *		C
Concrete	Vegetation Growth, Extent: Se				~
	Location : Bottom Of Wall				
Approaches					

Approaches

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

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

DEPARTMENT OF TRANSPORTATION - 841 FDR NB RAMP/SOUTH ST

Asset #: 4323

ridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
proaches								
Pavement								
Asphalt	60%			2024	\$98,300	4	\$3,600	C
Asphalt	40%	2-4	\$13,100	2024	\$65,500	4	\$2,400	C
			oderate, Area Affect					
		_	palls With Deterior	-		ch)		
			Extent : Moderate, A		ected : 20%			
		_	ce Of Beg. Approac	ch				
		tion : Rutti	ng					
Concrete	100%			2032	* *	4		C
Curbs								
Concrete w/ Steel Face	60%			LIFE	* *			A
Concrete w/ Steel Face	40%	4+	\$6,900	LIFE	* *			Α
	Rust Stains, Extent : Severe, Area Affected : 100% Location : Full Length							
	Location	: Full Len	gth					
Guide Railing	40						* 4==00	
Concrete	60%			2032	* *	4	\$17,200	A
Concrete	40%	4+	\$9,600	2032	* *	4	\$11,400	A
		_	t, Area Affected : I	0%				
		: Random		100/				
	-	extent : Lig : Random	ht, Area Affected :	10%				
	Location	: Kanaom						
Pavement Base	1000/							ъ
Not Accessible	100%							D
Sidewalks	C00/			LIPE	* *			0
Concrete	60%	4	ΦΩ 400	LIFE	* *			C
Concrete	40%	4+	\$8,400	LIFE	* *			C
	-	_	tht, Area Affected:	10%				
		: At Surfa		A.C.	1.100/			
			Extent : Light, Area					
re	ьосапоп	. Deterior	ated Concrete Alor	ig 1 ne Le	engin			

Piers

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

Asset #: 4323

idge Structure	Current Repair	Future Replac	cement	Maintenance				
tem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estima FY	ted Cost Cycle (Yrs)	e Estimated Cost	Priorit Cod			
'S								
Cap Beam	750/	LIEE	* *					
Concrete	75%	LIFE	* *		A			
Concrete	25% 4+ \$279,		* *		A			
	Cracks, Extent : Moderate, Area A Location : Random	Affectea : 20%						
		. A A.C 4 - 1 - 100/						
	Delaminations, Extent : Moderate Location : Random	, Агеа Ајјества : 10%						
		Madanata Anaa Affaata	4.200/					
	Exposed Reinforcement, Extent: 1	моае <i>га</i> те, Агеа А <u></u> Јјесте	a: 20%					
	Location: Random	1.00						
	Rust Stains, Extent : Moderate, An	rea Affected : 20%						
	Location: Random	. 1 100/						
	Spalling, Extent : Light, Area Affe	cted: 10%						
	Location: Random	4 4 66 4 2	20.4					
	Other Observation, Extent : Mode Location : Random	30						
	Explanation: Spalls With And W. Meshes.			ered With Steel				
Steel	100%	LIFE	* * 2-8	\$1,135,000	A			
	Corrosion, Extent : Severe, Area A	Affected : 30%						
	Location : Random							
Pier, Columns	0004		* *					
Concrete	90%	LIFE	* *		В			
Concrete	10% 4+ \$24,				В			
	Exposed Reinforcement, Extent : Moderate, Area Affected : 20% Location : Random							
	Spalling, Extent : Moderate, Area Affected : 20%							
	Location: Cracks And Spalling On All Piers							
	Other Observation, Extent: Mode Location: Random	erate, Area Affected : 20	0%					
	Explanation : Spalls With And W Meshes.	Vithout Exposed Reinfo	rcement Are Cove	ered With Steel				
Steel	100%	LIFE	* * 2-8	\$455,900	В			
	Other Observation, Extent : Light,	, Area Affected : 30%						
	Location : Random							
	Explanation : Paint Peeling							
Stem,Solid Pier	-0				_			
Concrete	70%	LIFE	* *		В			
Concrete	30% 4+ \$15,		* *		В			
	Spalling, Extent : Moderate, Area Location : Spans 14-16	Affected: 20%						
Brngs,Ancr Blts,Pads Under Construction	100%				D			
	10070				ע			
Footings	1000/				Ъ			
Not Accessible	100%				D			
Mat (scour & erosion)	1000/	LIDD	* *					
Earth	100%	LIFE			A			

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

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

DEPARTMENT OF TRANSPORTATION - 841 FDR NB RAMP/SOUTH ST

Bridge Structure		Current Repair	Future Replacement	Maintenance	
System Component Type	% of Total	Fail Date Estimated Cos (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Piers					
Pedestals					
Under Construction	100%				D
Deck Elements					
Curbs					
Under Construction	100%				D
Guide Railing					
Under Construction	100%				D
Median					
Under Construction	100%				D
Mono Deck Surface					
Under Construction	100%				D
Railings/Parapets					
Under Construction	100%				D
Sidewalks					
Under Construction	100%				D
Wearing Surface					
Under Construction	100%				D
Superstructure					
Deck,Structural					
Under Construction	100%				D
Joints					
Under Construction	100%				D
Primary Member					
Under Construction	100%				D
Secondary Member					
Under Construction	100%				D

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FDR SB RAMP/SOUTH ST Address : DOVER & SOUTH STREETS

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0027.0B0 / 4324 Yr Built/Renovated : 1954 /

Area Sq Ft : 44,600 Project Type : HIGHWAY BRIDGES

Date of Survey : 18-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 223201B

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Bridge Structure	\$822,300	\$2,843,700	
Total	\$822,300	\$2,843,700	
Priority A	\$564,900	\$1,802,600	
Priority B	\$219,800	\$679,000	
Priority C	\$37,600	\$362,100	
Total	\$822,300	\$2,843,700	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$83,800	_	\$240,900	\$9,700
Total	\$83,800		\$240,900	\$9,700
Priority A	\$41,700		\$172,700	
Priority B	\$3,500		\$68,100	
Priority C	\$38,500			\$9,700
Total	\$83,800		\$240,900	\$9,700



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

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

Asset #: 4324

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments				•				
Bridge Seat&pedestals	1000							-
Not Accessible	100%			A CC4 - ii	1 . 00/			D
		servation, E 1 : Through	Extent : Light, Area	Ajjeciea	: 0%			
		_	er Construction. Th	e Ahutmi	ent Is Within Cont	ractor Sta	noe Area	
Backwall	Expresses	non . Onac	, construction. 11	C 110 mm	THE TO THE COURT	ucioi bic	180 111 04	
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	2-4	\$38,000	LIFE	**			В
		_	nent, Extent : Sever					
			ler Is Missing At E		nent			
			vere, Area Affected e Joint Headers Ald		Edga Of End Abut	mont		
Met (coord & onesion)	Locuitor	i. Concrete	e Joini Headers Aid	mg The I	Eage Of Ena Abuir	пені		
Mat (scour & erosion) Earth	100%			LIFE	* *			В
Pedestals	10070			LIII				ъ
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
Wingwalls								
Footings								_
Not Accessible	100%							D
Mat (scour & erosion)	1000/			LIEE	* *			C
Earth	100%			LIFE	* *			С
Piles Not Accessible	100%							D
Walls	10070							<i>D</i>
Granite	100%			LIFE	* *			C
Approaches	10070			LII L				
Pavement								
Asphalt	60%			2024	\$88,800	4	\$3,600	C
Asphalt	40%	2-4	\$23,700	2024	\$59,200	4	\$2,400	C
		xtent : Seve 1 : Random	re, Area Affected :	50%				
Concrete	100%			2032	* *	4		С
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
			evere, Area Affecte					
	Location	i : Along Be	ottom Of Steel Fact	ng				

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

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

Asset #: 4324

Bridge Structure	Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Co Total (Years)	st Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
pproaches		•				•
Guide Railing						
Concrete	40%	2032	* *	4	\$4,300	A
Concrete	60% 0-2 \$19,400		* *	4	\$2,900	A
	Cracks, Extent : Severe, Area Affecte	ed: 60%				
	Location: Throughout					
	Spalling, Extent: Severe, Area Affect	ted : 60%				
	Location: Throughout					
Granite	100%	LIFE	* *			A
	Other Observation, Extent : Light, A	rea Affected	: 30%			
	Location: End Approach					
	Explanation: Covered By Construc	ction Fence				
Pavement Base	1000/					ъ
Not Accessible	100%					D
Sidewalks	050/	LIDD	* *			C
Concrete	95% 5% 2-4 \$80	LIFE 0 LIFE	* *			C C
Concrete	Spalling, Extent : Light, Area Affecte					C
	Location: Random	u . 10/0				
iers	Location : Random					
Cap Beam						
Steel	90%	LIFE	* *	2-8	\$961,100	A
Steel	10% 4+ \$64,10		* *	2-8	\$961,100	A
2.551	Rust Stains, Extent : Light, Area Affe			_ 0	4,01,100	
	Location : Random					
	Other Observation, Extent : Light, A	rea Affected	: 10%			
	Location: Random					
	Explanation: Paint Peeling					
Pier,Columns						
Steel	90%	LIFE	* *	2-8	\$342,000	В
Steel	10% 4+ \$122,700		* *	2-8	\$342,000	В
	Corrosion, Extent : Light, Area Affect	ted : 10%				
	Location : Random					
Stem,Solid Pier						
Not Accessible	100%					D
Brngs, Ancr Blts, Pads						
Steel	100%	LIFE	* *	2-8	\$5,000	A
	Rust Stains, Extent : Light, Area Affe	cted: 5%				
	Location: Random					
Footings	1000/					ъ
Not Accessible	100%					D
Mat (scour & erosion)	1000/	LIDD	* *			٨
Earth Dedoctols	100%	LIFE	* *			A
Pedestals	1000/ 4 \$50.10/	0 1100	* *			D
Steel	100% 4+ \$59,100 Corrosion, Extent : Moderate, Area A					В
	Location : Random	<i>престей</i> . 1.	,,,0			
	Location . Kanaom					

Deck Elements

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

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

Bridge Structure	Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Curbs Concrete w/ Steel Face	98% 4+ Other Observation, E. Location : Througho Explanation : Surfac	out	LIFE va Affecte	* * d : 100%			A
Concrete w/ Steel Face	2% Now Broken/Missing Eleme Location: Left Curb	\$4,000 ent, Extent : Sever	LIFE e, Area A	* * ffected : 75%			A
Gratings	1000/		LIPE	* *			
Steel	100%		LIFE	the she			A
Railings/Parapets Steel	100% 4+ Corrosion, Extent : Li Location : Random	\$10,200 ght, Area Affected	LIFE l : 10%	* *	2-8	\$17,000	A
Sidewalks							
Concrete	95%		2028	* *	5	\$100	C
Concrete	5% 2-4 Spalling, Extent: Light Location: Random	nt, Area Affected :	2028 10%	* *	5		С
Wearing Surface							
Asphalt Asphalt	80% 20% 2-4 Cracks, Extent: Seven Location: At Joints	\$12,800 re, Area Affected :	2024 2024 30%	\$171,300 \$42,800	5 5	\$19,300 \$9,700	C C
uperstructure							
Deck,Structural							
Concrete	60% Other Observation, E. Location : Througho Explanation : Under	out			5	\$22,600	A
Concrete	40% 2-4 Cracks, Extent: Mode Location: Random	\$297,400 erate, Area Affecte	LIFE ed : 20%	* *	5	\$22,600	A
	Delaminations, Extended Location: Random Exposed Reinforceme.						
	Location: Joints Other Observation, E.						
	Location: Random Explanation: Honey	_	33				
Joints	Zaprananon . 110me	.comonig					
Generic	40%		LIFE	* *			C
Generic	60% Now Joints Missing, Extend Location: 3rd And 4		LIFE fected : 6	* *			С
	Leakage, Extent : Mod Location : 1st And 2		ted : 20%	ó			

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

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

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

Bridge Structure		Current F	Repair	Futur	e Replacement	M	laintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
iperstructure								
Primary Member								
Concrete	80%			LIFE	* *	5	\$21,600	A
Concrete	20%	2-4	\$112,300	LIFE	* *	5	\$21,600	Α
			re, Area Affected :					
	Location	ı : Random	At Spans 9-10 As	Per Nysd	ot Insp.			
	Effloresce	nce, Extent	: Severe, Area Aff	ected: 7	5%			
	Location	ı : Random	At Spans 9-10 As	Per Nysd	ot Insp.			
	Other Obs	servation, E	Extent : Severe, Are	ea Affecte	ed : 75%			
	Location	ı : Random	At Spans 9-10 As	Per Nysd	ot Insp.			
	Explana	tion : Stala	ctite, Map Cracks	With Wei	t Stains And Scalin	g		
Steel	95%			LIFE	* *	2-8	\$824,500	Α
Steel	5%	4+	\$91,000	LIFE	* *	2-8	\$824,500	A
	Corrosion	, Extent : L	ight, Area Affected	d: 10%			,	
	Location	ı :	-					
	Other Obs	servation, E	Extent : Light, Area	ı Affected	! : 5%			
		: Random		55				
	Explana	tion : Paint	Peeling					
Secondary Member	-							
Steel	100%	4+	\$3,500	LIFE	* *	2-8	\$690,700	В
	Corrosion	, Extent : S	evere, Area Affecte	ed : 1%			. ,	
	Location	: Span 6, 1	End Diaphragm Oj	f Bays 1	& 3 At Pier 6			
	Other Obs	servation, E	Extent : Light, Area	ı Affected	! : 5%			
		: Random	<u>.</u>	00				
	Explana	tion : Paint	Peeling					

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET

Address : 62ND ST.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 70,113 Project Type : HIGHWAY BRIDGES

Date of Survey : 25-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2233038

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$864,000	\$2,312,200
Total	\$864,000	\$2,312,200
Priority A	\$864,000	\$1,387,900
Priority B		\$694,000
Priority C		\$230,300
Total	\$864,000	\$2,312,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$23,000	\$29,400	\$208,800	
Total	\$23,000	\$29,400	\$208,800	
Priority A			\$139,200	
Priority B			\$69,600	
Priority C	\$23,000	\$29,400		
Total	\$23,000	\$29,400	\$208,800	



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

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

DEPARTMENT OF TRANSPORTATION - 841 FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET

Asset #: 4208

Bridge Structure	C	urrent Repair	Futur	e Replacement	М	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals Concrete	100%		LIFE	* *			A
Backwall							
Concrete	100%		LIFE	* *			C
Brngs,Ancr Blts,Pads							
Elastomeric	100%		2043	* *			A
Footings							
Not Accessible	100%						D
Joint with Deck							
Generic	100%		LIFE	* *			В
Mat (scour & erosion) Generic	100%		LIFE	* *			В
Pedestals							
Concrete	100%		LIFE	* *			A
Stem (breastwall)							
Concrete	100%		LIFE	* *			В
Wingwalls							
Footings							_
Not Accessible	100%						D
Mat (scour & erosion)	1000/			ale ale			
Generic	100%		LIFE	* *			С
Piles Not Accessible	100%						D
Walls							
Concrete	100%		LIFE	* *			C
Approaches Pavement							
Asphalt		4+ \$23,000 tt : Moderate, Area Affecte Throughout		\$230,300	4	\$4,300	С
Concrete	100%		2032	* *	4		С
Curbs							
Concrete	100%		LIFE	* *			<u>A</u>
Embankment	400						~
Not Accessible	100%						D
Guide Railing	1000/		2022	* *	,		
Concrete	100%		2032	* *	4		A
Mat (scour & erosion) Earth	100%		LIFE	* *			A
Pavement Base							
Not Accessible	100%						D
Sidewalks							
Concrete	100%		LIFE	* *			С
Piers							
Cap Beam	400			ata d			
Concrete	100%		LIFE	* *	2.0		A
Steel	100%		LIFE	* *	2-8		A

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

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

DEPARTMENT OF TRANSPORTATION - 841 FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers								
Pier,Columns								
Concrete	100%			LIFE	* *			В
Concrete Encased Steel	100%			LIFE	* *	5		В
Stem,Solid Pier								
Concrete	100%			LIFE	* *			В
		_	t, Area Affected : 5	%				
	Location	: At East I	Face Of Pier 33					
Footings	400							_
Not Accessible	100%							D
Mat (scour & erosion)	400				ate ate			
Generic	100%			LIFE	* *			A
Deck Elements								
Guide Railing	1000/			2026	* *			
Concrete	100%			2036	* *			<u>A</u>
Mono Deck Surface	100%			20.42	* *	5		С
Concrete		ctant : Liah	t, Area Affected : 5	2043		3		C
		: Random		70				
Railings/Parapets								
Concrete	100%	4+	\$41,400	2032	* *	4	\$9,700	A
		_	t, Area Affected : 2	2%				
	Location	: At Joints	Along Fascia					
Wearing Surface								
Concrete	100%			2032	* *	5	\$58,900	С
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$11,100	A
Joints	400				ate ate			~
Generic	100%			LIFE	* *			С
Primary Member	100/		фо да г оо		ate ate	2.0	#1.20 < 200	
Steel	10%	4+	\$822,600	LIFE	* *	2-8	\$1,296,200	A
			ight, Area Affected		Dottom Elans : Of	Cindo	In Sugar 24	
		. Impact S	Scrapes With Rust S					
Steel	90%			LIFE	* *	2-8	\$1,296,200	A
Secondary Member	4.00				d. d.	2.0	#4.00#.0 00	
Steel	100%			LIFE	* *	2-8	\$1,085,800	В

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL

Address : 42ND ST

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0084.000 / 2513 Yr Built/Renovated : 1950 /

Area Sq Ft : 92,200 Project Type : HIGHWAY BRIDGES

Date of Survey : 18-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2246570

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$155,600	\$6,612,100
Total	\$155,600	\$6,612,100
Priority A	\$73,100	\$778,700
Priority C	\$82,500	\$5,833,300
Total	\$155,600	\$6,612,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$65,500	\$34,800	\$1,200	
Total	\$65,500	\$34,800	\$1,200	
Priority A	\$12,000	\$10,700	\$1,200	
Priority B	\$14,700			
Priority C	\$38,800	\$24,200		
Total	\$65,500	\$34,800	\$1,200	



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

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

DEPARTMENT OF TRANSPORTATION - 841 FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL

Bridge Structure	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Footings								
Not Accessible	100%							D
Stem (breastwall)								
Concrete	100%			LIFE	* *			В
Tile	100%	4+	\$14,700	LIFE	* *			В
	_	_	ht, Area Affected :	5%				
	Location	ı : Span 1 V	Vest Face					
Wingwalls								
Footings								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
Granite	100%			LIFE	* *			С
Approaches								
Pavement								
Asphalt	80%			2025	\$3,974,000	4	\$72,500	C
Asphalt	20%	4+	\$19,900	2022	\$993,500	4	\$48,300	С
		Cracks, Extent: Light, Area Affected: 30% Location: Random Locations						
			ight, Area Affected	l : 50%				
		: Random						
			ht, Area Affected :	50%				
	Location	: Random	Locations					
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			Α
Granite	70%			LIFE	* *			Α
Granite	30%	0-2	\$7,100	LIFE	* *			Α
		t, Extent : L ı : Through	ight, Area Affected out	t : 10%				
Embankment								
Not Accessible	100%							D
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$5,800	A

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

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

DEPARTMENT OF TRANSPORTATION - 841 FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL

Asset #: 2513

Bridge Structure		Current F	Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Sidewalks	1000/	4	\$6,000	LIDE	* *			C
Cobblestone	Location Loose Elen	: Random	\$6,000 ad, Extent: Light, A Locations Along E nt: Light, Area Af Locations	ast Appr	ected : 5% coach			С
		place Evide : Random	ent, Extent : Light, Locations	Area Aff	fected : 10%			
	Location	: East App			l : 100% e, 20 Percent Cobb	alestone A	And 30 Percent	
	Concrete		isis of so I creeni	concrete	, 20 1 ereem eess	restone 1	ma so i creem	
Concrete			\$6,300 t, Area Affected : 5 Locations Along V		* *			С
Masonry	100%	4+	\$6,600	LIFE	* *			С
Wasoniy	Broken,Mi	ssing Pave	φο,οοο , Extent : Light, Ar Locations Along E	ea Affec				C
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			В
Tile	100%			LIFE	* *			В
Footings	100%							D
Not Accessible Mat (scour & erosion)	100%							ע
Not Accessible	100%							D
Deck Elements	10070							D
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Granite	100%			LIFE	* *			A
		, Extent : L : Random	ight, Area Affected Locations	l : 50%				
Median								
Concrete		4+ ctent : Ligh : Random	\$4,900 t, Area Affected : 5 Locations	LIFE 5%	* *	5	\$15,600	A
Concrete	80%			LIFE	* *	5	\$15,600	A
Railings/Parapets							· · · · · · · · · · · · · · · · · · ·	
Concrete		ctent : Ligh : Random	t, Area Affected : 5 Locations	2033	* *	4	\$32,000	A
Steel		, Extent : L : Random	ight, Area Affectea Locations	LIFE !: 10%	* *	2-8	\$29,300	A
Sidewalks								
Concrete	100%			2029	* *	5	\$82,600	C

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

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

DEPARTMENT OF TRANSPORTATION - 841 FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL

Bridge Structure	Current Repa	ir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements						
Wearing Surface						
Asphalt	100% 4+	\$41,200 2025	\$824,500	5	\$30,500	C
	Cracks, Extent : Light, Ar	55				
	Location : Random Loca	ations				
	Settlement, Extent: Light,	Area Affected : 10%				
	Location : Random Loca	utions				
Superstructure						
Deck,Structural						
Concrete	10% 4+	\$32,500 LIFE	* *	5	\$101,500	A
	Broken/Missing Element,	Extent : Moderate, Are	ea Affected : 10%			
	Location : Random Loca	ations				
Concrete	5% Now	\$40,600 LIFE	* *	5	\$101,500	Α
	Spalling, Extent : Modera	te, Area Affected : 50%	ó			
	Location : Span 2 Right	Side				
Concrete	85%	LIFE	* *	5	\$101,500	Α
201101010	Broken/Missing Element,		a Affected : 40%		ψ101 , 800	
	Location : Random Loca		33			
Primary Member						
Concrete	100%	LIFE	* *	5	\$474,300	A
Secondary Member					•	
Concrete	100%	LIFE	* *	5		В

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FLATBUSH AVE. BRIDGE

Address : FLATBUSH AVE OVER BELT - SHORE PARKWAY

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 14,058 Project Type : HIGHWAY BRIDGES

Date of Survey : 12-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2231460

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$460,100
Total		\$460,100
Priority A		\$139,100
Priority B		\$139,100
Priority C		\$181,800
Total		\$460,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$105,600		\$31,400	
Total	\$105,600		\$31,400	
Priority A	\$69,100		\$14,700	
Priority B			\$14,000	
Priority C	\$36,500		\$2,800	
Total	\$105,600		\$31,400	



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

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

DEPARTMENT OF TRANSPORTATION - 841 FLATBUSH AVE. BRIDGE

Asset #: 13669

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			A
			Extent : Light, Area	Affected	: 2%			
		: Northeas		7 .1 .	п.			
D 1 11	Explanat	ion : Vegei	tation Growth At Λ	ortheast	Fascia			
Backwall	1000/			LIEE	* *			C
Concrete Day on Array Pita Pada	100%			LIFE				С
Brngs,Ancr Blts,Pads Elastomeric	100%			2043	* *			٨
	100%			2043				A
Footings Not Accessible	100%							D
Mat (scour & erosion)	10070							
Earth	100%			LIFE	* *			В
Pedestals	10070			LIITE				ъ
Concrete	100%			LIFE	* *			A
Stem (breastwall)	10070			LII L				71
Concrete	100%			LIFE	* *			В
Granite	100%			LIFE	* *			В
Wingwalls	10070			- EII E				
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
Granite	100%			LIFE	* *			C
			Extent : Light, Area	Affected	: 100%			
		: All Wing						
	Explanat	tion : Stone	Facing On Concr	ete Wing	walls			
Approaches								
Pavement								
Asphalt	80%		4	2024	\$116,100	4	\$5,100	C
Asphalt	20%	4+	\$2,900	2024	\$29,000	4	\$3,400	C
			t, Area Affected : I		IC Et :	W 1 1		
		: Northeas	st Side Of The App					
Concrete	100%			2032	* *	4	\$24,900	С
Curbs								
Concrete w/ Steel Face	70%			LIFE	* *			A
Concrete w/ Steel Face	30%	Now	\$16,200	LIFE	* *			A
		-	nent, Extent : Sever	e, Area A	ffected : 100%			
	Location	: Through	out					
Embankment	1000			TIPE	* *			C
Earth	100%			LIFE	* *			С

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

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

DEPARTMENT OF TRANSPORTATION - 841 FLATBUSH AVE. BRIDGE

Asset #: 13669

Bridge Structure	Current Repair			Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Guide Railing								
Steel	80%			LIFE	* *	2-8	\$5,800	A
Steel	20%	4+	\$8,300	LIFE	* *	2-8	\$5,800	Α
			Extent : Moderate, 1	Area Affe	ected : 15%			
			st And Southwest					
			sion Damage, Fire	Hydrant	And Fenders Are	Tilted. C	orrugated Steel	
Mat (scour & erosion)	Kanings	Are Bent.						
Earth	100%			LIFE	* *			A
Pavement Base	10070			LIFE				
Not Accessible	100%							D
Sidewalks	10070							<u> </u>
Concrete	90%			LIFE	* *			С
Concrete		Growth F	Extent : Moderate, 1		ected · 20%			C
			oach Sidewalks	11 001 11990	2070			
Computa	10%	4+	\$7,700	LIFE	* *			С
Concrete			\$7,700 ent, Extent : Sever					C
		_	dewalk Approaches			lowalk		
			aewaik Approaches Extent : Light, Area			iewaik		
			xieni . Ligni, Area dewalk Approaches		. 100/0			
			alt Expansion Joins					
Piers	Елрини	ион . Азри	an Expansion Joini					
Stem,Solid Pier								
Concrete	100%			LIFE	* *			В
Granite	100%			LIFE	* *			В
Grainte		servation. E	Extent : Light, Area		! : 100%			Ъ
			Of Pier Wall	33				
			Veneer Full Heigh	ht Of Pie	r			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2043	* *			A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			Α
Pedestals								
Concrete	100%			LIFE	* *			В
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$32,400	LIFE	* *			A
			Light, Area Affecte	d: 80%				
	Location	: Through	out					
Median								-
Concrete	100%			LIFE	* *	5	\$1,600	A

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

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

DEPARTMENT OF TRANSPORTATION - 841 FLATBUSH AVE. BRIDGE

Asset #: 13669

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Deck Elements									
Mono Deck Surface									
Concrete	100%	4+	\$5,500	2043	* *	5	\$36,600	C	
		_	t, Area Affected : 2						
	Location	: Crack In	Deck Over The Pi	er					
Railings/Parapets									
Concrete	95%			2032	* *	4	\$12,800	A	
Concrete	5%	4+	\$2,900	2032	* *	4	\$8,500	A	
		xtent : Ligh : Random	t, Area Affected : 1	10%					
Steel	100%			LIFE	* *	2-8	\$11,700	A	
Sidewalks									
Concrete	55%			2028	* *	5	\$5,600	C	
Concrete	45%	4+	\$10,400	2028	* *	5	\$2,800	C	
	Cracks, E	xtent : Ligh	t, Area Affected : I	10%					
	Location	: Random							
Superstructure									
Deck,Structural									
Concrete	95%			LIFE	* *	5	\$15,500	A	
			Light, Area Affecte Forms Of Fascia G						
Concrete	5%	4+	\$5,000	LIFE	* *	5	\$15,500	A	
	Cracks, E.	xtent : Ligh	t, Area Affected : 2				, -,		
		_	on To Sip Forms In		st Bay				
Primary Member			<u> </u>		<u> </u>				
Steel	100%			LIFE	* *	2-8	\$259,900	A	
		s, Extent :	Light, Area Affecte	d : 3%			. ,		
		: Random							
Secondary Member									
Steel	100%			LIFE	* *	2-8	\$217,700	В	

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND

Address : NORTHERN BLVD. X-ING FLUSH. RIV.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0001.0A0 / 2561 Yr Built/Renovated :

Area Sq Ft : 9,600 Project Type : HIGHWAY BRIDGES

Date of Survey : 02-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 205580A

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$144,000
Total		\$144,000
Priority C		\$144,000
Total		\$144,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$45,000	\$1,300	\$300	\$1,900
Total	\$45,000	\$1,300	\$300	\$1,900
Priority A			\$300	
Priority B	\$6,900			
Priority C	\$38,000	\$1,300		\$1,900
Total	\$45,000	\$1,300	\$300	\$1,900



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

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

DEPARTMENT OF TRANSPORTATION - 841 FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND

Asset #: 2561

Bridge Structure	Current Rep	oair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Footings Not Accessible	100%						D
Joint with Deck Generic	100% 4+ Missing/Damaged Seal, Location: Both Abutn	Extent : Light, Are	LIFE ea Affe	* * cted : 20%			В
Mat (scour & erosion) Earth	100%	1	LIFE	* *			В
Stem (breastwall) Not Accessible	100%						D D
Walls							
Not Accessible	100% Other Observation, Exte Location :	ent : Light, Area Aj	ffected	: 0%			D
	Explanation : Stem Wo Abutment	all Is Located Behi	ind End	closure Wall With	Locked I	Door At West Side	
Wingwalls							
Footings Not Accessible	100%						D
Piles	10070						
Not Accessible	100%						D
Walls							
Concrete Concrete	95% 5% 4+ Broken/Missing Elemen Location : North Side Cracks, Extent : Light, A	\$10,400 l t, Extent : Light, A		* * * * fected : 5%			C C
	Location : North Side Vegetation Growth, Ext Location : North Side			ected : 80%			
Approaches							
Pavement Asphalt Concrete	100% 100% 4+ Cracks, Extent: Light, A Location: End Approo Spalling, Extent: Light, Location: End Approo	\$4,500		\$144,000 * *	4 4	\$4,000 \$10,300	C C
Curbs	11						
Concrete	100% Other Observation, Exte Location : North Side Explanation : Curbs E	ent : Light, Area Aj Only		* *			A
Embankment			-				
Generic Guide Railing	100%]	LIFE	* *			С
Steel	100%]	LIFE	* *	2-8	\$2,900	A

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

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

DEPARTMENT OF TRANSPORTATION - 841 FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND

Asset #: 2561

Bridge Structure	Current Repair	Future Replace	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estimated FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches	•	•				
Sidewalks						
Concrete	100%	LIFE	* *			С
Piers						
Cap Beam						
Steel	100%	LIFE	* *	2-8		A
Pier,Columns						
Concrete	100%	LIFE	* *			В
Steel	100%	LIFE	* *	2-8		В
Brngs,Ancr Blts,Pads						
Steel	100%	LIFE	* *	2-8		A
Footings						
Not Accessible	100%					D
Deck Elements						
Curbs						
Concrete	100%	2044	* *			A
	Other Observation, Extent: Lig	ht, Area Affected : 100%				
	Location: North Side Only					
	Explanation: Curbs Exist On	One Side Only				
Guide Railing						
Concrete	100%	2037	* *			A
Mono Deck Surface						
Concrete	100% 4+ \$	9,900 2044	* *	5	\$21,100	C
	Cracks, Extent : Light, Area Aff					
	Location: Scattered Througho	put				
	Spalling, Extent : Light, Area Aj	fected : 40%				
	Location: Scattered Througho	put				
Railings/Parapets						
Steel	100%	LIFE	* *	2-8	\$6,400	A
	Other Observation, Extent: Lig	ht, Area Affected : 100%				
	Location: Throughout					
	Explanation: Steel Fence					
Sidewalks						
Concrete	100%	2029	* *	5	\$3,800	C
Superstructure						
Deck,Structural						
Concrete	100%	LIFE	* *	5	\$10,600	A
Joints						
Generic	100% 4+ \$1	3,200 LIFE	* *			C
	Missing/Damaged Seal, Extent .	Light, Area Affected: 5%				
	Location : Throughout Structu	re				
	Other Observation, Extent: Lig	ht, Area Affected : 2%				
	Location : Scattered Through	put				
	Explanation : Broken/ Missing					
Primary Member	-					
Not Accessible	100%					D
Secondary Member						
Not Accessible	100%					D
	10070					

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

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

DEPARTMENT OF TRANSPORTATION - 841 FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND

Asset #: 2561

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FORDHAM PLAZA METRO NORTH RAILROAD

Address : E189TH ST, PARK AVE.

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0057.000 / 2482 Yr Built/Renovated : 1889 /

Area Sq Ft : 40,080 Project Type : HIGHWAY BRIDGES

Date of Survey : 19-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241839

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$151,400	\$985,300
Total	\$151,400	\$985,300
Priority A		\$440,800
Priority C	\$151,400	\$544,500
Total	\$151,400	\$985,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$74,000		\$39,900	\$2,000
Total	\$74,000		\$39,900	\$2,000
Priority A	\$29,700		\$39,900	
Priority C	\$44,300			\$2,000
Total	\$74,000		\$39,900	\$2,000



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

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

DEPARTMENT OF TRANSPORTATION - 841 FORDHAM PLAZA METRO NORTH RAILROAD

Asset #: 2482

Bridge Structure	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cos FY	Cycle Estimated Cost (Yrs)	Priority Code
Abutments				
Bridge Seat&pedestals	1000/			ъ.
Not Accessible	100%	ACC4-1-00/		D
	Other Observation, Extent : Light, An Location : Underside Of Bridge	rea Аffестеа : 0%		
	Explanation: Not Accessible For In	spection Requires Railroad	l Flaoman	
Backwall	Explanation . The recession 1 of 11	ispection. Requires Rutiroda	i i iugmun	
Not Accessible	100%			D
Brngs,Ancr Blts,Pads				
Not Accessible	100%			D
Footings				
Not Accessible	100%			D
Joint with Deck				
Generic	100%	LIFE * ;	*	В
Pedestals	1000/			-
Not Accessible	100%			D
Stem (breastwall) Concrete	100%	TIEE *:	*	В
Concrete	00% Other Observation, Extent : Light, Ar	LIPE	•	В
	Location: Throughout	eu Ajjecieu . 3070		
	Explanation: Not Accessible For In	spection Requires Railroad	l Flagman.	
Walls				
Granite	100%	LIFE * *	*	A
	Other Observation, Extent: Light, Ar	rea Affected : 50%		
	Location: Throughout			
	Explanation: Stone Facing Not Acc	cessible For Inspection. Req	uires Railroad Flagman.	
Vingwalls				
Footings	1000/			ъ
Not Accessible	100%			D
Mat (scour & erosion)	1000/	LIFE * *	*	С
Earth Piles	100%	LIFE		
Not Accessible	100%			D
Walls	10070			
Concrete	100%	LIFE * *	*	C
Approaches				
Pavement				
Brick	100% 4+ \$14,900	2025 \$297,600	9209,900	C
	Other Observation, Extent: Light, Ar	rea Affected : 10%		
	Location: Random Locations			
	Explanation : Settlement			
Concrete	100% 4+ \$81,200		* 4 \$65,300	C
	Settlement, Extent : Light, Area Affec	ted : 5%		
	Location: Random Locations			
	Other Observation, Extent : Light, Ar	rea Affected : 100%		
	Location: Throughout	. C	C	
	Explanation: Consists Of 10 Perce	nt Concrete And 90 Percent	Concrete Pavers	

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

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

DEPARTMENT OF TRANSPORTATION - 841 FORDHAM PLAZA METRO NORTH RAILROAD

Asset #: 2482

ridge Structure	Current Repair	Future Replaceme	Future Replacement		Maintenance	
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated (Cost	Cycle (Yrs)	Estimated Cost	Priority Code
proaches						
Curbs	1000/ 4. 020.700		* *			
Granite	100% 4+ \$29,700 Other Observation, Extent: Light, Ar Location: Throughout Explanation: Broken/ Missing Ston	rea Affected : 20%	* *			A
Guide Railing						
Steel	100% Other Observation, Extent: Light, Ar Location: South Side Explanation: Only One Side Of The		** ing	2-8		A
Sidewalks	Zupramanon : emy ene siae ey me	2 D. Mage 11 and Garage 1 anni				
Concrete	100% Cracks, Extent : Light, Area Affected Location : Random Locations	LIFE : 5%	* *			С
Masonry	100% 4+ \$2,500 Broken,Missing Pave, Extent: Light, Location: Isolated Location Other Observation, Extent: Light, Ar Location: Throughout Explanation: Concrete Pavers	Area Affected : 5%	* *			С
eck Elements						
Curbs						
Granite	100% Other Observation, Extent: Light, Ar Location: Throughout Explanation: Specifically, Stone	LIFE rea Affected : 100%	* *			A
Median	1 1 0					
Concrete	100% Other Observation, Extent: Light, Ar Location: Throughout Explanation: Concrete Pavers	LIFE rea Affected : 100%	**	5	\$1,800	A
Mono Deck Surface	Ziopranianon Concrete Lavers					
Concrete	100% 4+ \$22,800 Cracks, Extent: Light, Area Affected Location: Random Locations Other Observation, Extent: Light, Ar Location: Throughout Explanation: Consists Of 10 Percent	: 5% rea Affected : 100%	* * ent C	5 overed B	\$106,500 By Concrete Pavers	С
Not Accessible	100%				J	D
Railings/Parapets	10070					ע
Concrete	100%	2033	* *	4		A
Steel	100%	LIFE	* *	2-8	\$2,500	A
Sidewalks			* *			
Concrete	100%	2029		5	\$3,900	С

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

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

DEPARTMENT OF TRANSPORTATION - 841 FORDHAM PLAZA METRO NORTH RAILROAD

Asset #: 2482

Bridge Structure	C	urrent Repair	Fut	ure Repla	acement	М	aintenance	
ystem Component Type		il Date Estimated Years)	Cost Yea		ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
eck Elements								
Wearing Surface								
Concrete	90%		203		* *	5	\$140,400	C
		ation, Extent : Ligh	t, Area Affect	ed : 100%	6			
	Location : T							
	Explanation	: Consists Of 90 P	ercent Concre	ete Pavers	s And 10 Pe	ercent Co	ncrete	
Concrete	10%	4+ \$4	,100 203	3	* *	5	\$70,200	C
	Cracks, Exten	t : Light, Area Affe	cted : 5%					
	Location : T	Throughout						
iperstructure								
Deck,Structural								
Concrete	100%		LIF	Ε	* *	5	\$44,100	A
	Corrosion, Ex	ctent : Light, Area A	Affected : 5%					
	Location: Random Locations On Stay In Place Forms							
	Other Observ	ation, Extent : Ligh	t, Area Affect	ed : 50%				
	Location: T	Throughout						
	Explanation	: Not Accessible F	or Inspection.	Requires	s Railroad I	Flagman.		
Joints								
Generic	100%		LIF	Ξ	* *			C
Primary Member								
Steel	100%		LIF	Ε	* *	2-8	\$740,900	A
	Other Observ	ation, Extent : Ligh	t, Area Affect	ed : 50%				
	Location : S	outh Side Of Bridg	e					
	Explanation	: Not Accessible F	or Inspection.	Requires	s Railroad I	Flagman.		
Secondary Member								
Steel	100%		LIF	Ε	* *	2-8		В
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : S	outh Side Of Bridg	e					
	Explanation	: Not Accessible F	or Inspection.	Requires	s Railroad I	Flagman.		

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FORT HAMILTON BRIDGE
Address : FORT HAMILTON PARKWAY

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0162.000 / 13570 Yr Built/Renovated : 1984 /

Area Sq Ft : 14,800 Project Type : HIGHWAY BRIDGES

Date of Survey : 20-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2243620

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$125,600	\$75,100
Total	\$125,600	\$75,100
Priority A	\$125,600	\$75,100
Total	\$125,600	\$75,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$129,200		\$11,700	
Total	\$129,200		\$11,700	
Priority A			\$5,300	
Priority B	\$52,300			
Priority C	\$76,900		\$6,400	
Total	\$129,200		\$11,700	



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

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

DEPARTMENT OF TRANSPORTATION - 841 FORT HAMILTON BRIDGE

Asset #: 13570

Bridge Structure		Current R	lepair	Futur	e Replacement	Ма	nintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Abutments									
Bridge Seat&pedestals									
Concrete	100%			LIFE	* *			<u>A</u>	
Backwall	1000/				ماء ماء				
Concrete	100%			LIFE	* *			<u>C</u>	
Brngs, Ancr Blts, Pads	1,000/			2051	* *			A	
Elastomeric	100%			2051	4- 4-			A	
Footings Not Accessible	100%							D	
Joint with Deck	100%							<u>и</u>	
Generic	25%	2-4	\$17,900	LIFE	* *			В	
Generic			ent, Extent : Light,		fected : 10%			D	
		_	Locations Through		,				
Generic	75%			LIFE	* *			В	
Mat (scour & erosion)	7370			LII L					
Earth	100%			LIFE	* *			В	
Stem (breastwall)									
Concrete	35%	4+	\$34,300	LIFE	* *			В	
	Efflorescen	ce, Extent	: Light, Area Affec	cted : 2%	ó				
	Location	: At Top O	f Wall						
	Leakage, E	xtent : Lig	ht, Area Affected :	2%					
	Location	: At Top O	f Wall						
	Rust Stains, Extent: Light, Area Affected: 2%								
	Location: Throughout Below Box Beam 12 Thru 17								
	-	Spalling, Extent: Light, Area Affected: 2%							
			f Wall Below Box						
			xtent : Moderate, 1	Area Affe	ected : 25%				
		: Through							
_		on : Graff	iti On Wall Surfac						
Concrete	65%			LIFE	* *			В	
Wingwalls									
Footings	1000/							D	
Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	* *			С	
Piles	100%			LIFE	. •				
Not Accessible	100%							D	
Walls	100 /0							<u> </u>	
Concrete	100%			LIFE	* *			C	
Concrete		Growth, E	Extent : Light, Area		l : 5%			Č	
	_		Locations Through						
Approaches									

Approaches

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

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

DEPARTMENT OF TRANSPORTATION - 841 FORT HAMILTON BRIDGE

Asset #: 13570

Bridge Structure	Current F	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches							
Pavement	1000/ 4	\$21.500	2026	* *	4	\$1.500	C
Asphalt	100% 4+ Broken/Missing Elem Location: Through Cracks, Extent: Mod Location: Through Other Observation, E	out lerate, Area Affecte out Extent : Light, Area	ed : 10%	a Affected : 10%	4	\$1,500	С
	Location: Through		60 D	4 A 1 14 A 1 40	D	T 4 -	
	Explanation : Appr	oacn Pavement Is (t Aspnait Ana 40 . * *			
Concrete	100% Other Observation, E Location: Through	out		: 100%	4	\$12,800	С
<u> </u>	Explanation : Appr	oach Pavement Is 4	10 Percen	t Concrete And 60) Percent	Asphalt	
Curbs Concrete w/ Steel Face	100% Rust Stains, Extent: Location: Through		LIFE fected : 50	**			A
Railings/Parapets							
Concrete	100% Other Observation, E Location: North Si Explanation: Comp	de					A
Sidewalks	2. prementen i Comp	Jenem Emais en e	ne state o	,			
Concrete	100% 4+ Settlement, Extent: M Location: Northwe		LIFE ected : 20	**			С
Piers							
Stem,Solid Pier							
Concrete	100%		LIFE	* *			В
Brngs,Ancr Blts,Pads Not Accessible	100%						D
Footings	100%						D
Not Accessible	100%						D
Mat (scour & erosion)	10070						
Earth	100%		LIFE	* *			A
Pedestals							
Not Accessible	100%						D
Piles Not Accessible	100%						D
Deck Elements							
Curbs Concrete w/ Steel Face	100% Rust Stains, Extent : Location : Through		LIFE fected : 50	**			A

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

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

DEPARTMENT OF TRANSPORTATION - 841 FORT HAMILTON BRIDGE

Asset #: 13570

Bridge Structure	Structure Current Repair Future R		ure Replacement		Maintenance					
System Component Type	% of Fail Do Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Deck Elements										
Mono Deck Surface	400	4.5.00			_	** **********************************	~			
Concrete	100% 4+	\$5,200	2045	* *	5	\$21,000	C			
		ight, Area Affected : 2								
	Location : Rana	om Locations Through	10ut							
Railings/Parapets	1000/		2024	* *	4	Φ10. 7 00				
Concrete	100%		2034	* *	4	\$10,500	A			
Sidewalks	1000/ 4	Φ10. 7 00	2022	* *	~	Φ7 100	0			
Concrete	100% 4+	\$19,700	2033	* *	5	\$7,100	С			
		ight, Area Affected : 2								
		om Locations Through								
		: Light, Area Affected	l: 2%							
	Location : Aajac	cent To Joint Header								
Superstructure										
Joints	1000/ 2.4	Φ10 C00	LIPE	* *			C			
Generic	100% 2-4	\$10,600	LIFE				C			
	Location : All Jo	lement, Extent : Mode	rate, Are	еа Апестеа : 20%						
			A CC 4	1 . 220/						
	Uther Observation Location: South	n, Extent : Light, Area	Affected	1:33%						
			1 0 1							
Deimon Mondon	Explanation : Jo	oints On Pier South Si	ie Only							
Primary Member	15% 4+	¢00 100	LIDE	* *	_	¢27.500	A			
Concrete	10 / 0	\$88,100	LIFE	-11-	5	\$37,500	A			
	1 0	Spalling, Extent: Light, Area Affected: 2%								
		Location: Box Beam 1 Near Begin Abutment								
	Other Observation, Extent : Moderate, Area Affected : 10% Location : Span 1, Box Beam 13									
	Explanation: Span 1, Box Beam 15 Explanation: Prestressed Concrete. Underside Exhibits Moderate Scaling									
C - m - m - t -		estressea Concrete. C		e Exmotts Moderat **						
Concrete	85%		LIFE	* *	5	\$75,100	A			

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : GRAND CONCOURSE BRIDGE

Address : GRAND CONCOURSE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 16,100 Project Type : HIGHWAY BRIDGES

Date of Survey : 31-Oct-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241409

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$96,500	
Total	\$96,500	
Priority A Priority C	\$37,800 \$58,700	
Total	\$96,500	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$88,600		\$24,000	
Total	\$88,600		\$24,000	
Priority A	\$6,000		\$200	
Priority B	\$34,100			
Priority C	\$48,500		\$23,800	
Total	\$88,600		\$24,000	



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

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

DEPARTMENT OF TRANSPORTATION - 841 GRAND CONCOURSE BRIDGE

Asset #: 13566

Bridge Structure	C	urrent Repair	Future Replace	ment	Ma	aintenance	
System Component Type		nil Date Estimated Cost Years)	Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals							
Not Accessible	100%						D
Backwall	1000/						D
Not Accessible	100%						D
Brngs,Ancr Blts,Pads Not Accessible	100%						D
Footings	10070						<u> </u>
Not Accessible	100%						D
Joint with Deck	10070						
Generic	Broken/Missin Location : C Loose Joint P Location : F Missing/Dam	2-4 \$34,100 ng Element, Extent: Light Concrete Joint Headers (1j Plates, Extent: Light, Area Random Locations Through aged Seal, Extent: Light, Random Locations Through	oot High By 1 Foot Affected: 10% hout Area Affected: 30%	Wide)			В
Generic		tantom Locations Through	LIFE	* *			В
Mat (scour & erosion)	45%		LIFE				
Not Accessible	100%						D
Pedestals Not Accessible	100%						D
Stem (breastwall) Not Accessible	100%						D
Walls Not Accessible	100%						D
Wingwalls							
Footings Not Accessible	100%						D
Mat (scour & erosion) Not Accessible	100%						D
Piles Not Accessible	100%						D
Walls Not Accessible	100%						D
Approaches	-0070						
Pavement							
Concrete	Cracks, Exter Location : F Spalling, Exte	4+ \$22,000 nt: Light, Area Affected: 3 Random Locations Through ent: Light, Area Affected: Random Locations Through	hout 5%	* *	4	\$47,600	С
Congrata		andon Locations Infoug		* *	1	¢47.600	<u> </u>
Concrete	20%		2034	ጥ ጥ	4	\$47,600	С

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

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

DEPARTMENT OF TRANSPORTATION - 841 GRAND CONCOURSE BRIDGE

Asset #: 13566

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches									
Curbs	1000/	4	¢27.900	LIEE	* *				
Concrete w/ Steel Face	100% Broken/M	4+ Issino Elem	\$37,800 ent, Extent : Light,	LIFE Area Af				Α	
		_	s Long Broken Pie			de			
			ht, Area Affected :	-					
	Location	: Southeas	t Approach						
Embankment								_	
Earth	100%			LIFE	* *			<u>C</u>	
Railings/Parapets Steel	100%			LIFE	* *			٨	
Sidewalks	10070			LIFE				A	
Concrete	100%	4+	\$16,200	LIFE	* *			C	
	Cracks, E	ctent : Ligh	t, Area Affected : 5						
	Location	: Random	Locations Through	out					
			Extent : Light, Area		: 2%				
		Location : Northeast Approach Sidewalk Explanation : Con Ed Excavated 4Ft x 4Ft Opening On The Sidewalk To Repair A Gas							
	Explana Leak.	non : Con I	Ea Excavatea 4Ft x	: 411 Оре	ening On The Side	waik 101	Repair A Gas		
Deck Elements	2007								
Curbs									
Concrete w/ Steel Face	100%			LIFE	* *			<u>A</u>	
Median	100%	4+	\$2.700	LIFE	* *	5	\$1.400	٨	
Concrete			\$2,700 t, Area Affected : 5			3	\$1,400	Α	
			Locations Through						
Railings/Parapets									
Steel	100%			LIFE	* *	2-8	\$8,700	A	
Sidewalks						_		_	
Concrete	100%	4+	\$10,300	2030	* *	5	\$3,800	С	
			t, Area Affected : 5 Locations Through						
Wearing Surface	Bocunon	. Ranaom	Eccurions Through	ioui					
Concrete	100%	4+	\$58,700	2034	* *	5	\$34,400	C	
	Cracks, E.	ctent : Mod	erate, Area Affecte						
			Locations Through						
	Spalling, Extent: Light, Area Affected: 5%								
G	Location	: Random	Locations Through	out					
Superstructure Deck,Structural									
Not Accessible	100%							D	
Primary Member	10070								
Not Accessible	100%							D	
Secondary Member									
Not Accessible	100%							D	

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST

Address : 167TH ST

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0062.000 / 2501 Yr Built/Renovated : 1923 /

Area Sq Ft : 38,100 Project Type : HIGHWAY BRIDGES

Date of Survey : 19-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2242280

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$4,490,500	\$3,189,000
Total	\$4,490,500	\$3,189,000
Priority A	\$624,600	\$467,800
Priority B	\$3,609,100	\$981,800
Priority C	\$256,800	\$1,739,400
Total	\$4,490,500	\$3,189,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$114,100		\$101,600	\$23,600
Total	\$114,100		\$101,600	\$23,600
Priority A	\$61,800		\$100	
Priority B			\$98,500	
Priority C	\$52,300		\$3,100	\$23,600
Total	\$114,100		\$101,600	\$23,600



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

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

DEPARTMENT OF TRANSPORTATION - 841 GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST

Asset #: 2501

Bridge Structure		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							D
Backwall								
Concrete	100%			LIFE	* *			C
Brngs, Ancr Blts, Pads	400							_
Not Accessible	100%							D
Footings	1000/							Ъ
Not Accessible	100%							D
Mat (scour & erosion) Generic	100%			LIFE	* *			В
Pedestals	100%			LIFE				D
Steel	80%			LIFE	* *			Α
Steel	20%	4+	\$28,300	LIFE	* *			A
Steel			ight, Area Affectea					71
		: Random	0 00					
Stem (breastwall)								
Concrete Encased Steel	100%	4+	\$547,000	LIFE	* *			В
	Effloresce	nce, Extent	: Light, Area Affe	cted : 30%	%			
	Location	: Random						
	-	_	ht, Area Affected :					
	Location	: Spalling	At Interface With	Pedestals	,			
Wingwalls								
Footings								_
Not Accessible	100%							D
Mat (scour & erosion)	1000/			T TEE	* *			a
Generic	100%			LIFE	* *			С
Piles Not Accessible	1000/							D
Walls	100%							D
Concrete	80%			LIFE	* *			С
Concrete	20%	4+	\$147,800	LIFE	* *			C
Concrete			t, Area Affected : 2					C
		: Random	,					
			ht, Area Affected :	10%				
		: Random						
Approaches								
Pavement								
Asphalt	60%			2024	\$769,100	4	\$35,600	C
Asphalt	40%	2-4	\$51,300	2024	\$512,800	4	\$23,800	C
		Cracks, Extent: Light, Area Affected: 25%						
			Along Wingwalls					
			Aoderate, Area Aff		0%			
	Location	: Random	Along Wingwall C	Curbs				

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

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

DEPARTMENT OF TRANSPORTATION - 841 GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST

Asset #: 2501

Bridge Structure	Current Repair			Futur	e Replacement	M			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches	•								
Curbs	0.0								
Concrete w/ Steel Face	80%	4	Φ2.000	LIFE	* *			A	
Concrete w/ Steel Face	20%	4+ Extent : I	\$3,800 ight, Area Affected	LIFE	* *			A	
		, Extent . L. : Random	igni, Area Ajjeciea	1.2370					
Guide Railing	<u> Locumon</u>	1111111111111111							
Concrete	80%			2032	* *	4	\$24,200	A	
Concrete	20%	2-4	\$5,300	2032	* *	4	\$16,100	A	
	Spalling, I	Extent : Lig	ht, Area Affected :	10%					
	Location	: Spalls W	ith Exposed Rebar	S					
Pavement Base								_	
Not Accessible	100%							D	
Sidewalks	900/			LIDE	* *			C	
Concrete	80%	4.	¢12.000	LIFE	* *			C C	
Concrete	20%	4+ etant : Liah	\$13,000 t, Area Affected : 1	LIFE				C	
		: Random	і, Агей Ајјесіей . Т	1070					
			Extent : Light, Area	a Affected	1 : 20%				
		: Random							
Piers									
Pier,Columns									
Steel	70%			LIFE	* *	2-8	\$1,413,400	В	
Steel	30%	4+	\$2,666,800	LIFE	* *	2-8	\$1,413,400	В	
			: Light, Area Affe	cted : 209	%				
	Location : Random Rust Stains, Extent : Light, Area Affected : 20%								
			Light, Area Affecte	d: 20%					
G. G. I'.I D'	Location	: Random							
Stem,Solid Pier Concrete	70%			LIFE	* *			В	
Concrete	30%	4+	\$395,300	LIFE	* *			В	
Concrete			ht, Area Affected :					Ъ	
		: Random	, 11. 00. 119, 00.00.	10,0					
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Generic	100%			LIFE	* *			A	
Deck Elements									
Curbs	0001			TIPE	ماء ماء			A	
Concrete w/ Steel Face	90%	Ma	ф1 200	LIFE	* *			A	
Concrete w/ Steel Face	10%	Now	\$1,300	LIFE				A	
		_	ent, Extent : Mode l East Sidewalk	raie, Are	и Ајјества : 10%				
Gratings	Locunon	. ,, est 1110	. Zasi Siacirain						
Steel	100%			LIFE	* *			A	
	10070							- 1	

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

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

DEPARTMENT OF TRANSPORTATION - 841 GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST

Asset #: 2501

Bridge Structure	Current Repair Future Re			e Replacement	Replacement Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Deck Elements									
Median									
Concrete	80%		**	LIFE	* *	5	\$1,700	A	
Concrete	20%	4+	\$14,600	LIFE	* *	5	\$1,700	A	
		xtent : Ligh : Random	t, Area Affected : 2	20%					
Railings/Parapets									
Concrete	100%			2032	* *	4	\$1,200	A	
Steel	100%			LIFE	* *	2-8	\$1,900	A	
Sidewalks									
Concrete	70%			2028	* *	5	\$6,200	C	
Concrete	30%	Now	\$57,700	2028	* *	5	\$3,100	C	
	-	-	ent, Extent : Severe	, Area A <u>f</u>	fected : 60%				
		: West Sid							
	-		ere, Area Affected	: 60%					
	Location	: West Sid	ewalk						
Wearing Surface									
Asphalt	70%			2024	\$320,200	5	\$47,100	C	
Asphalt	30%	4+	\$27,400	2024	\$137,200	5	\$23,600	C	
		Cracks, Extent : Light, Area Affected : 20% Location : Random							
	Settlemen	, Extent : N	Ioderate, Area Affe	ected : 10)%				
	Location	: Random	Near Curbs						
	-	Extent : Mo : Random	derate, Area Affec	ted : 20%	Ó				
uperstructure									
Deck,Structural									
Concrete	80%			LIFE	* *	5	\$41,900	A	
Concrete	20%	4+	\$277,400	LIFE	* *	5	\$41,900	A	
		xtent : Ligh : Random	t, Area Affected : 2	20%					
	Delaminations, Extent: Light, Area Affected: 10% Location: Random								
				stad · 100	V.				
	Efflorescence, Extent: Light, Area Affected: 40%								
	Location : Random Spalling, Extent : Light, Area Affected : 20%								
	-	: Random		20/0					
Primary Member									
Concrete Encased Steel	80%			LIFE	* *	5	\$192,000	Α	
Concrete Encased Steel	20%	4+	\$347,200	LIFE	* *	5	\$192,000	Α	
			: Light, Area Affec	cted : 20%	%				
	Location	: Random							

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.

Address : GRAND CONCOURSE AND E.161 ST.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 24,075 Project Type : HIGHWAY BRIDGES

Date of Survey : 13-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2242259

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$442,000	\$575,900
Total	\$442,000	\$575,900
Priority A		\$253,900
Priority B	\$373,800	\$253,900
Priority C	\$68,100	\$68,100
Total	\$442,000	\$575,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$81,600	_	\$51,700	\$1,300
Total	\$81,600		\$51,700	\$1,300
Priority A	\$8,400		\$26,300	
Priority B			\$25,500	
Priority C	\$73,300			\$1,300
Total	\$81,600		\$51,700	\$1,300



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

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

DEPARTMENT OF TRANSPORTATION - 841 GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.

Asset #: 4215

Bridge Structure		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals	1000/			LIEE	* *			
Concrete	100%			LIFE	* *			<u>A</u>
Backwall Concrete	100%			LIFE	* *			С
Brngs,Ancr Blts,Pads	10070			LITE				
Not Accessible	100%							D
Footings	10070							
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			В
Mat (scour & erosion)								
Generic	100%			LIFE	* *			В
Pedestals								
Concrete	100%			LIFE	* *			A
Stem (breastwall)								
Concrete	10%	4+	\$373,800	LIFE	* *			В
			re, Area Affected :	30%				
	Location :		M 1 . A	A CC . 1	200/			
			: Moderate, Area	Affected	: 20%			
_	Location :	Kanaom						
Concrete	90%			LIFE	* *			В
Wingwalls								
Footings Not Accessible	100%							D
	100%							<u> </u>
Mat (scour & erosion) Generic	100%			LIFE	* *			С
Piles	10070			LIFE				
Not Accessible	100%							D
Walls	10070							
Concrete	100%			LIFE	* *			C
Concrete		rvation, E	Extent : Light, Area		: 2%			C
			st Wingwall					
	Explanatio							
Approaches								
Pavement								
Asphalt	100%			2027	* *	4	\$2,600	C
Concrete	90%			2036	* *	4	\$136,100	C
Concrete	10%	4+	\$19,800	2036	* *	4	\$90,700	C
			erate, Area Affecte	ed: 20%				
	Location :	Random						
Curbs	400							
Concrete w/ Steel Face	100%			LIFE	* *			A
Pavement Base	10001							Б
Not Accessible	100%							D
Sidewalks	1000/			TIPE	* *			C
Concrete	100%			LIFE	**			C

Deck Elements

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

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

DEPARTMENT OF TRANSPORTATION - 841 GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.

Asset #: 4215

Bridge Structure	e Current Repair		Future Replacemer		t Repair Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Deck Elements									
Curbs									
Granite	100%	L	IFE	* *			A		
Gratings									
Steel	100%	L	IFE	* *			A		
Median									
Concrete	100%	L	IFE	* *	5		A		
Granite	100%		IFE	* *			Α		
	Other Observation, E.		fected	: 100%					
	Location : Lou Gehr	ig Plaza							
	Explanation : Paver	s And Planter Boxes '	Throu	ghout Plaza					
Mono Deck Surface									
Concrete	100%	2	049	* *	5	\$136,300	C		
Railings/Parapets									
Concrete	100%	2	036	* *	4	\$25,100	Α		
Steel	100%	L	IFE	* *	2-8	\$22,900	Α		
Sidewalks									
Concrete	100%	2	.031	* *	5	\$16,200	C		
	Other Observation, E. Location : Sidewalk. Explanation : Concr								
Superstructure									
Deck,Structural									
Concrete	100%	_	IFE	* *	5	\$28,200	Α		
	Other Observation, Ex Location : Through		fected	: 100%					
	Explanation : Preca	st Concrete Deck							
Joints									
Generic	100%	L	IFE	* *			C		
Primary Member									
Steel	100%	L	IFE	* *	2-8	\$474,200	A		
Secondary Member									
Steel	100%	L	IFE	* *	2-8	\$397,200	В		

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : GUY R. BREWER BLVD BRIDGE

Address : GUY R. BREWER BOULEVARD OVER BELT - SOUTHERN PARKWAY

Borough : QUEENS Agency's Number : N/A

Program / Asset # : DOT0173.000 / 13668 Yr Built/Renovated :

Area Sq Ft : 7,300 Project Type : HIGHWAY BRIDGES

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

Areas Surveyed :

Block : Lot : BIN : 2231610

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$443,400	\$426,700
Total	\$443,400	\$426,700
Priority A	\$443,400	\$144,500
Priority B		\$121,000
Priority C		\$161,100
Total	\$443,400	\$426,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$78,100		\$36,800	
Total	\$78,100		\$36,800	
Priority A	\$35,400		\$14,900	
Priority B	\$19,500		\$12,100	
Priority C	\$23,300		\$9,700	
Total	\$78,100		\$36,800	



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

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

DEPARTMENT OF TRANSPORTATION - 841 GUY R. BREWER BLVD BRIDGE

Asset #: 13668

Bridge Structure	Current Repai	r Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	mated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments						
Bridge Seat&pedestals						
Concrete	100%	LIFE	* *			A
Backwall						
Concrete	80%	LIFE	* *			C
Concrete	20% 4+	\$6,700 LIFE	* *			C
	Cracks, Extent : Light, Are	ea Affected : 2%				
	Location: Random					
	Delaminations, Extent : Li	ght, Area Affected : 3	%			
	Location: Northwest Co.	rner				
	Efflorescence, Extent : Lig	ht, Area Affected : 2%	ó			
	Location: Random					
	Leakage, Extent : Light, A	rea Affected : 2%				
	Location : Random					
	Spalling, Extent : Light, Ar	rea Affected : 5%				
	Location : Northwest Co.					
	Other Observation, Extent		1 · 4%			
	Location : Southeast Cor					
	Explanation : Vegetation					
Brngs,Ancr Blts,Pads	Explanation: Vegetation	Grown				
Elastomeric	100% 4+	\$10,800 2043	* *			A
Elastomeric	Corrosion, Extent : Light, I					A
	Location : Random	area ryjeerea : 270				
	Rust Stains, Extent : Light,	Area Affected : 1%				
	Location : Random	Area Affectea . 470				
English	Locuiton . Kundom					
Footings	1000/					ъ
Not Accessible	100%					D
Joint with Deck	1000/		de de			-
Generic	100%	LIFE	* *			В
Mat (scour & erosion)						
Generic	100%	LIFE	**			В
	Other Observation, Extent	: Light, Area Affected	l : 100%			
	Location : Throughout					
	Explanation : Granite Ro	ock Paved Over				
Pedestals						
Concrete	100%	LIFE	* *			Α
Stem (breastwall)						
Concrete	100%	LIFE	* *			В
Wingwalls						
Footings						
Not Accessible	100%					D
Mat (scour & erosion)						
Earth	100%	LIFE	* *			C
Piles						-
Not Accessible	100%					D

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

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

DEPARTMENT OF TRANSPORTATION - 841 GUY R. BREWER BLVD BRIDGE

Asset #: 13668

Bridge Structure	Current Repair	Future Re	eplacement	М	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vingwalls						
Walls	100-					~
Concrete	100% Vegetation Growth, Extent: Sever Location: Throughout	LIFE e, Area Affected : 7	**			С
pproaches						
Pavement						
Asphalt	100% 4+ \$3,2 Cracks, Extent : Light, Area Affect Location : Random		\$161,100	4	\$3,800	С
Concrete	100% Cracks, Extent: Light, Area Affect Location: Random Spalling, Extent: Light, Area Affe		* *	4	\$12,300	С
	Location: Random	cieu . 170				
Curbs						
Concrete w/ Steel Face	100% 4+ \$1,: Misaligned/Bulging, Extent : Light Location : Random	t, Area Affected : 1	**			A
	Rust Stains, Extent : Moderate, Ar Location : Throughout					
	Vegetation Growth, Extent : Light, Location : Random	, Area Affected : 19	%			
Embankment Earth	100%	LIFE	* *			С
Guide Railing						
Steel	100% 4+ \$2, Damaged Railing, Extent: Light, A Location: Random		* *	2-8	\$5,800	A
Mat (scour & erosion)						
Earth	100%	LIFE	* *			A
Pavement Base						
Not Accessible	100%					D
Sidewalks Concrete	100% 4+ \$3,0 Cracks, Extent: Light, Area Affect		* *			C
	Location : Random Vegetation Growth, Extent : Light, Location : Random	, Area Affected : 29	%			
iers Pier,Columns						
Steel	100% Other Observation, Extent: Light, Location: Bottom Of Steel Colum Explanation: The Condition Of A	mn		2-8	\$140,500	В
Stem,Solid Pier	Explanation . The Condition Of I	Dase I tale is Neco	iaca miii ille	Commit		
Concrete	100%	LIFE	* *			В

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

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

DEPARTMENT OF TRANSPORTATION - 841 GUY R. BREWER BLVD BRIDGE

Asset #: 13668

Bridge Structure	Current	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers							
Brngs,Ancr Blts,Pads Elastomeric	100% 4+ Rust Stains, Extent Location : Randon	\$16,300 : Light, Area Affecte n	2043 d : 2%	* *			A
Footings Not Accessible	100%						D
Mat (scour & erosion) Generic	100%		LIFE	* *			A
Pedestals Concrete	100%		LIFE	* *			В
Piles Not Accessible	100%						D
Deck Elements Curbs							
Concrete w/ Steel Face	100% 4+ Rust Stains, Extent Location : Throug	\$2,200 : Moderate, Area Afj rhout	LIFE fected : 2	* *			A
Mono Deck Surface							
Concrete	Location: Randon Spalling, Extent: L	ight, Area Affected :		* *	5	\$19,400	С
D :1: /D	Location : Randon	n					
Railings/Parapets Concrete	Location: Randon	Extent : Light, Area		**	4	\$8,700	A
	Explanation : Veg						
Steel	100%		LIFE	* *	2-8	\$8,000	A
Sidewalks Concrete	100% 4+ Cracks, Extent : Lig Location : Randon	\$6,200 ght, Area Affected : 4 n	2028	* *	5	\$3,800	С
Superstructure Deck,Structural							
Concrete	Location: Bottom	Extent : Light, Area Of The Deck of In Place Is In Good			5	\$8,000	A
Joints	<u> гарининон . ящ</u>	, 1 iace 15 III 0000	. Conuill	OII			
Steel	100%		LIFE	* *			С

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

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

DEPARTMENT OF TRANSPORTATION - 841 GUY R. BREWER BLVD BRIDGE

Asset #: 13668

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure								
Primary Member								
Steel	15%	4+	\$443,400	LIFE	* *	2-8	\$135,000	A
	Rust Stain	s, Extent : I	Light, Area Affecte	d : 2%				
	Location	: Random						
Steel	85%			LIFE	* *	2-8	\$135,000	A
Secondary Member								
Steel	100%	4+	\$19,500	LIFE	* *	2-8	\$113,000	В
	Rust Stain	s, Extent :	Light, Area Affecte	d: 2%				
	Location	: Random						

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.

Address : 127TH ST. TO 2ND AVE.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0034.090 / 2473 Yr Built/Renovated : 1958 /

Area Sq Ft : 51,121 Project Type : HIGHWAY BRIDGES

Date of Survey : 04-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2233059

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Bridge Structure	\$4,728,300	\$1,451,300	
Total	\$4,728,300	\$1,451,300	
Priority A	\$3,967,500	\$886,000	
Priority B	\$328,900	\$506,000	
Priority C	\$431,800	\$59,400	
Total	\$4,728,300	\$1,451,300	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$322,400		\$137,500	
Total	\$322,400		\$137,500	
Priority A	\$236,600		\$80,700	
Priority B	\$41,100		\$52,400	
Priority C	\$44,800		\$4,400	
Total	\$322,400		\$137,500	



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

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

Asset #: 2473

Bridge Structure	Current Repair		Future Re	eplacement	Maintenance			
System Component Type	% of Fail D Total (Year	ate Estimated Cost (rs)	Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Abutments								
Bridge Seat&pedestals Not Accessible	100%						D	
Backwall Not Accessible	100%						D	
Brngs,Ancr Blts,Pads Not Accessible	100%						D	
Footings Not Accessible	100%						D	
Joint with Deck								
Generic Generic	25% 75% 0-2	\$145,400 Moderate, Area Affec	LIFE LIFE	* *			B B	
	Location : At As Other Observatio Location : Both	sphalt Paved Over Join n, Extent : Severe, Are	nts On Both A a Affected : 5	50%				
Mat (scour & erosion)	Exprenential : C	racks III IIsphan I ave						
Earth	100%		LIFE	* *			В	
Pedestals								
Not Accessible	100%						D	
Stem (breastwall) Not Accessible	100%						D	
Wingwalls								
Footings	400						_	
Not Accessible	100%						D	
Mat (scour & erosion)	1000/		LIEE	* *			C	
Earth Piles	100%		LIFE				С	
Not Accessible	100%						D	
Walls	10070						D	
Brick Veneer		s \$9,600 n, Extent : Severe, Are h Abutment West Side,			Vest Side	?	С	
	Explanation: B	roken/ Missing Elemer	ıts					
Concrete	Location : Thro Spalling, Extent :	Moderate, Area Affec		* * ed : 30%			С	
	Location : Thro	ughout						
Approaches Pavement								
Asphalt	90%		2026	* *	4	\$8,900	C	
Asphalt	Location: Rana	\$5,400 Light, Area Affected: I dom Locations Through	hout	* *	4	\$8,900	С	
		t : Light, Area Affected Iom Locations Through						

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

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

Asset #: 2473

Bridge Structure	Current Repair			Future	Replacement	Maintenance				
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod		
pproaches Curbs										
Concrete w/ Steel Face	Location	: Random	\$3,100 ent, Extent : Sever Locations Through Moderate, Area Affa	hout				A		
	Location Spalling, I	: Through Extent : Mo		ted : 40%		vest Curi	bs			
Concrete w/ Steel Face	80%		<u></u>	LIFE	* *			A		
Median	0070			LII L				71		
Concrete	100%			LIFE	* *			A		
Steel	100%			LIFE	* *			A		
Railings/Parapets										
Steel	Location	: Corruga	\$8,900 ent, Extent : Light, ted Steel Panel Is I ight, Area Affected	Missing O				A		
	Location	: Through	out							
Steel	80%			LIFE	* *			A		
ers										
Cap Beam										
Steel			\$51,300 Ioderate, Area Affe Bottom Flange An		**	2-8	\$192,200	A		
Steel	80%			LIFE	* *	2-8	\$321,600	Α		
Pier,Columns							•			
Steel	100%			LIFE	* *	2-8	\$78,500	В		
Stem,Solid Pier										
Concrete		_	t, Area Affected : 5		* *			В		
		Location: Random Locations Throughout Other Observation, Extent: Light, Area Affected: 25%								
	Location	: Piers 2 A	And 9 Observed An			sible				
Dance Amer Dite De de	Expianai	non : Brick	Veneer Facing							
Brngs,Ancr Blts,Pads Steel			\$13,700 Ioderate, Area Affa And Pier 9	LIFE ected : 30%	* *	2-8	\$23,800	A		
Steel	90%			LIFE	* *	2-8	\$39,800	A		
Footings Not Accessible	100%							D		
Mat (scour & erosion) Earth		ervation, E : At Pier	Extent : Light, Area	LIFE Affected :	**			A		
	Explana	tion : Earth	And Paved							

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

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

Asset #: 2473

ridge Structure	Current Repair		Futur	e Replacement	M					
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod		
ers										
Pedestals	100/		φ10. 5 00	r ree	ماد ماد			ъ		
Steel	10%	4+	\$10,500	LIFE	* *			В		
			Moderate, Area Affa		00%					
g. 1		i. Inrough	out Pier 2 And Pie		ata ata					
Steel	90%			LIFE	* *			В		
Piles	1000/							ъ		
Not Accessible	100%							D		
eck Elements										
Curbs Concrete w/ Steel Face	20%	4+	\$24,000	LIFE	* *			A		
Concrete w/ Steel Face			\$34,000 nent, Extent : Light					A		
		_	Locations Through		jeciea . 5070					
			_		0%					
		Corrosion, Extent : Moderate, Area Affected : 40% Location : Random Locations Throughout								
		Recent Repair Evident, Extent : Light, Area Affected : 10%								
		Location : Northeast Of Bridge Deck, At Span 10								
Concrete w/ Steel Face	80%			LIFE	* *			A		
Median	80%			LIFE				A		
Concrete	20%	Now	\$348,200	LIFE	* *	5	\$13,400	A		
Concrete	Broken/Missing Element, Extent: Severe, Area Affected: 60%									
	Location: Near North And South Abutments									
			ent, Extent : Moder		Affected : 40%					
	-	-	rth And South Abu		33					
	Spalling,	Extent : Mo	derate, Area Affec	ted : 40%	ó					
			Locations Through							
Concrete	80%			LIFE	* *	5	\$26,800	A		
Railings/Parapets							+==,===			
Steel	100%	4+	\$42,700	LIFE	* *	2-8	\$28,500	Α		
	Broken/M	issing Elem	ient, Extent : Light	, Area Af	fected : 5%					
	Location	: Corruga	ted Steel Panel Is i	Missing A	At East Side					
	Corrosion	, Extent : L	ight, Area Affected	l : 10%						
	Location	Location: Random Locations Throughout								
	Other Ob:	servation, E	Extent : Light, Area	Affected	: 50%					
	Location	: East Sid	e							
	Explana	tion : Corri	ugated Steel Panel							
Sidewalks										
Concrete	30%	0-2	\$43,000	2030	* *	5	\$2,400	C		
			vere, Area Affected	: 50%						
	Location	: Spans 1	To 4 And 9 To 11							
Concrete	70%			2030	* *	5	\$4,800	С		
			Extent : Light, Area		: 100%					
			he East Side Of The							
	Explana	tion : Narre	ow (2 Feet) Concre	ete Sidew	alk					

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

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

Asset #: 2473

Bridge Structure	Curr	e Replacement	aintenance								
ystem Component Type	% of Fail 1 Total (Yea	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod				
eck Elements											
Wearing Surface	550v O	Φ245.400	2026	de de	_	420 700	a				
Asphalt	75% 2-4	, -,	2026	* *	5	\$29,700	С				
		Moderate, Area Affect Piers 1, 4 And 8	ea : 30%								
		on, Extent : Moderate,	Area Affa	ected · 20%							
	Location : Thr		717eu 71jje	eciea . 2070							
		Patches And Bulges									
Asphalt	25%		2026	* *	5	\$59,400	С				
perstructure											
Deck,Structural											
Concrete	40% No	. , ,	LIFE	* *	5	\$56,300	A				
		Cracks, Extent: Severe, Area Affected: 50%									
	Location: Throughout										
	Exposed Reinforcement, Extent : Moderate, Area Affected : 15% Location : Throughout										
	Location : Inrougnout Spalling, Extent : Moderate, Area Affected : 20%										
	Spaning, Extent : Moderate, Area Affectea : 20% Location : Throughout										
		on, Extent : Light, Ared	a Affected	1 : 20%							
		dom Locations Throug									
		Wood Planks Or Steel		h Under Deck							
Concrete	60%		LIFE	* *	5	\$112,500	A				
Joints											
Generic	100% 0-2		LIFE	* *			C				
	_	: Severe, Area Affected									
		Pier 1, Pier 4 And Pier									
	Spalling, Extent Location : All	: Severe, Area Affected	1: 30%								
Drimen Manches	Locanon : All	Joints									
Primary Member Steel	10% 2-4	4 \$1,595,300	LIFE	* *	2-8	\$567,000	A				
Sieer		nt : Severe, Area Affect			2-0	\$507,000	A				
		Location: Random Locations Throughout									
		vident, Extent : Light, I		cted : 20%							
	Location : Thr		55								
Steel	90%		LIFE	* *	2-8	\$971,900	A				
Secondary Member						•					
Steel	100% 4+		LIFE	* *	2-8	\$791,700	В				
		nt : Light, Area Affecte									
	Location : Ran	dom Locations Throug	hout And	Next To Pier 7 Or	ı West Sid	de					

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HARLEM RIVER DRIVE RAMP BRIDGE H.D.R. NB (RAMP)/HARLEM RIVER DR

Address : 172ND ST, AMSTERDAM AVE

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0079.000 / 2509 Yr Built/Renovated : 1939 /

Area Sq Ft : 112,860 Project Type : HIGHWAY BRIDGES

Date of Survey : 13-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2267240

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$51,806,700	\$5,913,900
Total	\$51,806,700	\$5,913,900
Priority A	\$30,696,400	\$1,768,700
Priority B	\$19,776,700	\$2,092,100
Priority C	\$1,333,700	\$2,053,100
Total	\$51,806,700	\$5,913,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$89,700		\$44,800	
Total	\$89,700		\$44,800	
Priority A	\$60,700		\$44,800	
Priority B	\$25,600			
Priority C	\$3,400			
Total	\$89,700		\$44,800	



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

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

DEPARTMENT OF TRANSPORTATION - 841 HARLEM RIVER DRIVE RAMP BRIDGE H.D.R. NB (RAMP)/HARLEM RIVER DR

Asset #: 2509

Bridge Structure		Current Re	epair	Futur	e Replacement	M	laintenance			
System Component Type		Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Abutments										
Backwall										
Not Accessible	100%							D		
Footings	400-							_		
Not Accessible	100%							D		
Joint with Deck	40				de de			_		
Generic	40%		* - * * * * * * * * * * * * * * * * * *	LIFE	* *			В		
Generic		Now	\$62,300	LIFE	* *			В		
			vere, Area Affecto	ed : 60%						
	Location:									
	_		re, Area Affected	: 60%						
	Location:	_								
			tent : Light, Area	Affected	: 100%					
	Location:	_								
	-		s Paved Over Fo	r Entire 1	ength. Observatio	ns As Pe	r Nysdot			
	Inspection	Report								
Mat (scour & erosion)	1000/				* *			-		
Earth	100%		7.1.4	LIFE				В		
	Other Observation, Extent : Light, Area Affected : 100% Location : Throughout									
				_						
	Explanatio	m : As Per	Nysdot Inspection	n Report	-					
Stem (breastwall)										
Concrete	50%			LIFE	* *			В		
Concrete	50%	2-4	\$209,900	LIFE	* *			В		
		Cracks, Extent: Severe, Area Affected: 55%								
	Location: Random Per Biennial Inspection Report									
	Efflorescence, Extent : Severe, Area Affected : 40%									
	Location: Light Scaling, Water Stains On Stem Wall Surface Per Biennial Inspection									
	Exposed Reinforcement, Extent : Severe, Area Affected : 50%									
	Location:	Location : Random Per Biennial Inspection								
	Spalling, Extent : Severe, Area Affected : 40%									
	Location:	Random P	Per Biennial Inspe	ection						
Wingwalls										
Footings										
Not Accessible	100%							D		
Mat (scour & erosion)										
Earth	100%			LIFE	* *			C		
Piles										
Not Accessible	100%							D		
Walls										
Concrete	100%	4+	\$179,000	LIFE	* *			C		
	Cracking/Crumbling, Extent : Light, Area Affected : 10%									
	Location: Spans 9 And 10 Left Curtain Wall Per Biennial Inspection									
	Spalling, Extent: Light, Area Affected: 10%									
		_			l Per Biennial Insp	ection				

Approaches

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

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

DEPARTMENT OF TRANSPORTATION - 841 HARLEM RIVER DRIVE RAMP BRIDGE H.D.R. NB (RAMP)/HARLEM RIVER DR

Asset #: 2509

ridge Structure	Current Repair			Futur	e Replacement	Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod	
pproaches									
Pavement	0.0-1				***		440.500	~	
Asphalt	80%		#20 #00	2024	\$317,900	4	\$10,200	C	
Asphalt	20%	4+	\$39,700	2024	\$79,500	4	\$6,800	C	
		-	ent, Extent : Light, ning Approach	Агеа Ајј	естеа : 40%				
			ning Approach Ioderate, Area Aff	ected · 20	2%				
			ning Approach	ecieu . 20	<i>770</i>				
Curbs			8						
Concrete	15%	4+	\$600	LIFE	* *			A	
	Cracks, E.	xtent : Ligh	t, Area Affected :	10%					
	Location	ı : Span 50							
Concrete	85%			LIFE	* *			A	
Concrete w/ Steel Face	75%			LIFE	* *			Α	
Concrete w/ Steel Face	25%	4+	\$400	LIFE	* *			A	
			ight, Area Affected	l : 10%					
	Location	ı : Random							
Guide Railing	400/			2022	* *	4	\$7.700	A	
Concrete Concrete	40% 60%	0-2	\$33,500	2032 2032	* *	4 4	\$7,700 \$5,200	A	
Concrete			\$55,500 ent, Extent : Sevei			4	\$3,200	A	
		ı : Heavily		c, 11/ca 1	ijjeerea . ooyo				
Pavement Base									
Not Accessible	100%							D	
ers Con Poom									
Cap Beam Concrete	80%			LIFE	* *			A	
Concrete	20%	4+	\$1,051,800	LIFE	* *			A	
	Spalling, Extent : Moderate, Area Affected : 25%								
		ı : Random							
Concrete Encased Steel	85%			LIFE	* *	5	\$38,100	A	
Concrete Encased Steel	15%	4+	\$313,000	LIFE	* *	5	\$38,100	A	
	Corrosion	, Extent : N	Ioderate, Area Aff	ected : 25	5%				
	Location	ı : Random							
Pier,Columns	 0				de de			_	
Concrete	50%	2.4	Φ7 021 600	LIFE	* *			В	
Concrete	35%	2-4	\$7,821,600	LIFE	* *			В	
		xieni : seve 1 : Through	re, Area Affected :	30%					
			vere, Area Affected	. 30%					
	-	ı: Through		. 5070					
Concrete	15%		\$5,586,900	LIFE	* *			В	
Concrete			at : Severe, Area A					D	
		ı : Spans 1		,					
		-	ere, Area Affected	: 40%					
		i : Spans 1							
Brngs,Ancr Blts,Pads									
Not Accessible	100%							D	

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

Estimates are rounded to the nearest hundred dollars.

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

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

DEPARTMENT OF TRANSPORTATION - 841 HARLEM RIVER DRIVE RAMP BRIDGE H.D.R. NB (RAMP)/HARLEM RIVER DR

Asset #: 2509

ridge Structure	Current Repair			Futur	e Replacement	Maintenance					
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod			
ers											
Footings											
Not Accessible	100%							D			
Mat (scour & erosion)											
Earth	80%			LIFE	* *			Α			
Earth	20%	2-4	\$53,100	LIFE	* *			Α			
			derate, Area Affect			,					
	Location	: Exposed	Footing Area And	Water P	onding Along Wal	<u>l</u>					
Pedestals	000/			LIDE	* *			ъ			
Concrete	80%	4	Φ 25 (00	LIFE	* *			В			
Concrete	20%	4+	\$25,600	LIFE				В			
	-		derate, Area Affec								
1 73	Location	: spans 10)-11, 14-15, 18-19,	21-24 P	er Bienniai Insp Re	eport					
ck Elements											
Curbs Concrete w/ Steel Face	1000/	4	¢1.60.000	LIDE	* *						
Concrete w/ Steel Face	100%	4+	\$160,000	LIFE	4. 4.			A			
		Cracks, Extent : Light, Area Affected : 5% Location : Random On West Side									
	Spalling, Extent: Light, Area Affected: 5%										
	Location : Random On West Side										
		Vegetation Growth, Extent: Light, Area Affected: 5%									
			exieni . Ligni, Area On West Side	Ајјестес	l. 370						
Median	Zocamon										
Concrete	80%			LIFE	* *	5	\$22,600	Α			
Concrete	20%	4+	\$181,400	LIFE	* *	5	\$22,600	A			
Concrete						3	Ψ22,000	7.			
		Cracks, Extent : Light, Area Affected : 10% Location : Random									
	Spalling, I	Spalling, Extent : Light, Area Affected : 10%									
		: Random	, , , , ,								
Steel	100%			LIFE	* *	4-8	\$119,000	A			
Railings/Parapets	10070						Ψ119,000				
Concrete	80%			2032	* *	4	\$70,600	A			
Concrete	20%	0-2	\$262,300	2032	* *	4	\$47,100	A			
Concrete					ffected : 30%	•	Ψ17,100	2.			
	Exposed Reinforcement, Extent : Severe, Area Affected : 30% Location : Random										
	Spalling, Extent: Severe, Area Affected: 30%										
	-	: Random									
Sidewalks											
Concrete	70%			2028	* *	5	\$80,400	C			
Concrete	30%	2-4	\$412,000	2028	* *	5	\$40,200	C			
0011000						J	¥ 10,200	~			
	Cracks, Extent : Severe, Area Affected : 30% Location : Random										
	Delaminations, Extent : Moderate, Area Affected : 20%										
		: Random	,	JJ							
			derate, Area Affec	ed : 20%	6						
	-	: Random									

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

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

DEPARTMENT OF TRANSPORTATION - 841 HARLEM RIVER DRIVE RAMP BRIDGE H.D.R. NB (RAMP)/HARLEM RIVER DR

Asset #: 2509

Bridge Structure	Current Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod		
eck Elements								
Wearing Surface	700/	2024	Φ1 00 7 000	-	Φ1 25 600	a		
Asphalt	70%	2024	\$1,007,800	5	\$135,600	C C		
Asphalt	30% 4+ \$86,400 Cracks, Extent: Light, Area Affected: 1	2024	\$431,900	5	\$67,800	C		
	Location : Random	070						
	Spalling, Extent : Moderate, Area Affec	ed : 20%	ío.					
	Location: Random		-					
	Other Observation, Extent: Moderate, A	Area Affe	ected : 20%					
	Location: Random							
	Explanation: Rutting							
uperstructure								
Deck,Structural								
Concrete	25%	LIFE	* *	5	\$124,200	Α		
Concrete	75% 2-4 \$13,140,900	LIFE	**	5	\$124,200	A		
	Broken, Missing Pave, Extent : Light, An Location : Span 17, Mid-span, Right (advan	Snan 10 Thru 2 22			
	Thru 24	n sı And	i Direcity Onaer K	oaaway .	5pan 19 1nru 2, 22			
	Exposed Reinforcement, Extent: Severe	, Area A	ffected : 40%					
	Location : Span 19 Thru 2, 22 Thru 2-	-	•					
	Loss of Section, Extent : Light, Area Aff	ected : 1	0%					
	Location: Span 17, Netting Is Overloa	ided Due	e To Fallen Conc. (Chunk				
	Spalling, Extent : Severe, Area Affected							
	Location : Span 19 Thru 2, 22 Thru 2-	!						
Joints	250		* *					
Generic	25% N	LIFE	* *			C		
Generic	75% Now \$508,600 Leakage, Extent : Severe, Area Affected	LIFE	4. 4.			С		
	Location: Most Of The Joints	. 00/0						
	Other Observation, Extent: Severe, Are	a Affecte	od · 60%					
	Location: Most Of The Joints	a rijjecie	. 0070					
	Explanation: Paved Over							
Primary Member								
Concrete	60%	LIFE	* *	5	\$464,500	A		
Concrete	40% 2-4 \$9,905,600	LIFE	* *	5	\$464,500	A		
	Exposed Reinforcement, Extent: Severe, Area Affected: 30%							
	Location: Various, Throughout Arche	S						
	Spalling, Extent : Severe, Area Affected							
	Location: Various, Throughout Arche							
	Other Observation, Extent : Light, Area	Affected	2:5%					
	Location: Random							
G . 1	Explanation: Vegetation Growth	LIDE	ale ale	2.0	Φ.4.1 7 .200			
Steel	75%	LIFE	* *	2-8	\$417,300	A		
Steel	25% 4+ \$5,628,300 Correction Front: Moderate Area Aff	LIFE		2-8	\$417,300	A		
	Corrosion, Extent : Moderate, Area Affo Location : Section Loss At Various Lo			or Rionn	ial Insp Report			
	Loss of Section, Extent : Moderate, Area		=	CI DIEIIII	м тър кероп			
	Location: Stringer S3 In Span 19, Str.			Beam In	Span 14 Span 19			
	Thru 2, 22 Thru 24 Per Biennial Insp.	-	span 17, 1 1001	Zeant III	Span I i Span I)			

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

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

DEPARTMENT OF TRANSPORTATION - 841 HARLEM RIVER DRIVE RAMP BRIDGE H.D.R. NB (RAMP)/HARLEM RIVER DR

Asset #: 2509

Bridge Structure		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure								
Secondary Member								
Concrete	75%			LIFE	* *	5	\$1,046,100	В
Concrete	25%	4+	\$6,095,900	LIFE	* *	5	\$1,046,100	В
	Spalling, I	Extent : Sev	ere, Area Affected	: 50%				
	Location	: At Knee	Braces Based On 1	Vysdot In	spection			

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST

Address : W. 72ST TO W. 79ST

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0009.000 / 2444 Yr Built/Renovated : 1937 /

Area Sq Ft : 232,394 Project Type : HIGHWAY BRIDGES

Date of Survey : 11-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2229289

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Bridge Structure	\$64,998,800	\$22,802,900	
Total	\$64,998,800	\$22,802,900	
Priority A	\$49,598,000	\$13,409,800	
Priority B	\$15,102,000	\$6,516,500	
Priority C	\$298,800	\$2,876,600	
Total	\$64,998,800	\$22,802,900	

EXPENSE	FY 2016	FY 2017 FY 2018	FY 2019
Bridge Structure	\$104,400	\$1,694,400	
Total	\$104,400	\$1,694,400	
Priority A	\$68,600	\$1,040,900	
Priority B		\$653,500	
Priority C	\$35,900		
Total	\$104,400	\$1,694,400	



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

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

Asset #: 2444

Bridge Structure	Current Repair	Future	Replacement	M	laintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments						
Bridge Seat&pedestals	1000/					ъ
Not Accessible	100%	a Affactad .	. 00/			D
	Other Observation, Extent : Light, Area Location : Abutment	а Ајјестеа :	0%			
	Explanation : Spans Over Railroad T	racks Were	Not Accessible			
Backwall	Expression : Spans Over Restroate 1	racias were	Tiorriccessione			
Not Accessible	100%					D
	Other Observation, Extent: Light, Area	a Affected :	0%			
	Location : Abutment					
	Explanation : Spans Over Railroad T	racks Were	Not Accessible			
Brngs,Ancr Blts,Pads						
Steel	75%	LIFE	* *			A
	Other Observation, Extent : Light, Area	a Affected :	100%			
	Location: Throughout					
	Explanation: Spans Over Railroad T On Nysdot Inspection Report.	racks Were	Not Accessible;	Observa	tion Was Based	
Steel	25% 4+ \$157,800	LIFE	* *			A
Secti	Corrosion, Extent : Light, Area Affecte					
	Location : Random					
	Other Observation, Extent: Light, Area	a Affected :	100%			
	Location: Throughout					
	Explanation : Spans Over Railroad T	racks Were	Not Accessible;	Observa	tion Was Based	
	On Nysdot Inspection Report					
Footings	1000/					ъ
Not Accessible	100%					D
Mat (scour & erosion)	1000/	LIEE	* *			D
Earth	100%	LIFE	-11-			В
Stem (breastwall) Not Accessible	100%					D
Approaches	10070					
Pavement						
Asphalt	75%	2024	\$462,400	4	\$15,100	C
Asphalt	25% 2-4 \$30,800		\$154,100	4	\$10,100	C
•	Cracks, Extent : Moderate, Area Affect					
	Location: Random					
	Other Observation, Extent: Moderate,	Area Affec	ted : 20%			
	Location: Random					
	Explanation: Wearing, Rutting					
Concrete	100%	2032	* *	4		С
Curbs						
Concrete	100%	LIFE	* *			A
Granite	100%	LIFE	* *			A
Embankment						
Earth	100%	LIFE	**			C
	Other Observation, Extent: Light, Area	a Affected :	25%			
	Location: Northwest Corner					
	Explanation: Embankment At Northy	vest Corner	r			

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

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

Asset #: 2444

Bridge Structure	Current Repair	Future Replacement	N	laintenance					
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code				
Approaches									
Guide Railing	900/	2032 **	. 4	¢0.700					
Concrete Concrete	80% 20% 4+ \$4	2032 * * 1,300 2032 * *	-	\$8,600 \$5,700	A A				
Concrete	Cracks, Extent : Light, Area Affe	*	4	\$3,700	Α				
	Location: Random	Cieu . 10/0							
	Delaminations, Extent : Light, A	rea Affected : 10%							
	Location: Random	100113550000000000000000000000000000000							
	Other Observation, Extent : Ligh	nt. Area Affected : 10%							
	Location : Random	,							
	Explanation: Scaling, Spalls V	Vith Exposed Rebars							
Steel	100%	LIFE **	2-8	\$5,800	A				
Mat (scour & erosion)	10070			42,000					
Earth	100%	LIFE **	:		A				
Pavement Base									
Not Accessible	100%				D				
Piers									
Cap Beam									
Steel	90%	LIFE **	2-8	\$6,678,500	A				
	Other Observation, Extent : Light, Area Affected : 95% Location : Spans 8-145								
	Explanation : Spans Over Rails On Nysdot Inspection Report	road Tracks Were Not Accessible	; Observa	tion Was Based					
Steel	10% 4+ \$1,781		2-8	\$6,678,500	A				
	Loss of Section, Extent: Moderate, Area Affected: 25%								
	Location: Random								
	Rust Stains, Extent : Severe, Area Affected : 30%								
	Location: Random								
	Other Observation, Extent : Light, Area Affected : 95% Location : Spans 8-145								
	Explanation : Spans Over Rails On Nysdot Inspection Report	road Tracks Were Not Accessible	; Observa	tion Was Based					
Pier,Columns	· · ·								
Steel	90%	LIFE **	2-8	\$2,758,500	В				
	Other Observation, Extent : Ligh	nt, Area Affected : 95%							
	Location : Spans 8-145								
	Explanation : Spans Over Rails On Nysdot Inspection Report	road Tracks Were Not Accessible	; Observa	tion Was Based					
Steel	10% 4+ \$1,979),200 LIFE **	2-8	\$2,758,500	В				
	Corrosion, Extent : Light, Area A			, , ,					
	Location: Pack Rust Between	Column Members							
	Loss of Section, Extent : Modera Location : Spans 8-145	te, Area Affected : 20%							
	Location : Spans 8-145 Rust Stains, Extent : Moderate, Area Affected : 20%								
	Location: Random								
	Other Observation, Extent : Ligh	nt, Area Affected : 95%							
	Location: Throughout	, JJ							
	-	road Tracks Were Not Accessible	; Observa	tion Was Based					

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

Estimates are rounded to the nearest hundred dollars.

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

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

Asset #: 2444

Bridge Structure	Current Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
iers						
Stem,Solid Pier						
Concrete	60%	LIFE	* *			В
	Other Observation, Extent : Light, Area	Affected	! : 95%			
	Location: Spans 8-145					
	Explanation : Spans Over Railroad Tr On Nysdot Inspection Report	acks Wei	re Not Accessible;	Observa	tion Was Based	
Concrete	40% 4+ \$10,015,000	LIFE	* *			В
	Cracks, Extent : Moderate, Area Affecte	ed: 15%				
	Location: Random					
	Spalling, Extent : Moderate, Area Affec	ted : 15%	6			
	Location: Random					
	Other Observation, Extent : Severe, Are	a Affecte	ed : 95%			
	Location: Spans 8-145					
	Explanation : Spans Over Railroad Tr On Nysdot Inspection Report	acks Wei	re Not Accessible;	Observa	tion Was Based	
Brngs, Ancr Blts, Pads						
Not Accessible	100%					D
Footings Not Accessible	100%					D
Mat (scour & erosion) Earth	100%	LIFE	* *			A
Pedestals						
Concrete	90%	LIFE	* *			В
Concrete	10% 4+ \$240,500	LIFE	* *			В
	Cracks, Extent: Light, Area Affected: Location: Random	10%				
	Spalling, Extent : Light, Area Affected : Location : Random	10%				
	Other Observation, Extent : Light, Area Location : Spans 8-145	Affected	!: 95%			
	Explanation : Spans Over Railroad Tr On Nysdot Inspection Report	acks Wei	re Not Accessible;	Observa	tion Was Based	
Steel	95%	LIFE	* *			В
	Other Observation, Extent : Light, Area		! : 95%			
	Location : Spans 8-145					
	Explanation : Spans Over Railroad Tr	acks Wei	re Not Accessible			
Steel	5% 4+ \$1,199,000	LIFE	* *			В
Steel	Corrosion, Extent : Light, Area Affected					Ь
	Location: Random					
	Other Observation, Extent : Light, Area	Affected	! : 95%			
	Location: Spans 8-145	-,,,	/ *			
	Explanation : Spans Over Railroad Tr	acks Wei	re Not Accessible;	Observa	tion Was Based	
	On Nysdot Inspection Report					
Deck Elements						<u>-</u>

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

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

Asset #: 2444

ridge Structure	Current Repair	Future	Replacement	M	aintenance					
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code				
eck Elements	•									
Gratings										
Steel	60%	LIFE	* *			Α				
		Other Observation, Extent: Light, Area Affected: 2%								
	Location: Random	,								
G. 1	Explanation : Area Repaired With Wo		ale ale							
Steel	40% 0-2 \$2,900	LIFE	* *			A				
	Corrosion, Extent : Moderate, Area Aff Location : Random	естеа : 20%	0							
	Other Observation, Extent: Moderate,	Araa Affaa	tad . 20%							
	Location : Random	<i>Агеи Ајје</i> с	iea . 2070							
	Explanation: Clogged Condition									
Median	Explanation : Cloggea Condition									
Concrete	90%	LIFE	* *	5	\$51,300	A				
Concrete	10% 2-4 \$83,300	LIFE	* *	5	\$51,300	A				
	Cracks, Extent: Light, Area Affected: 10%									
	Location: Random									
	Exposed Reinforcement, Extent: Moderate, Area Affected: 10%									
	Location:									
	Spalling, Extent : Moderate, Area Affec Location : Random	eted : 20%								
Steel Grating	90%	LIFE	* *	4-8	\$84,000	A				
Steel Grating	10% 0-2 \$16,400	LIFE	* *	4-8	\$84,000	A				
	Loose Elements, Extent : Moderate, Are Location : Random	ea Affected	! : 20%							
Railings/Parapets										
Concrete	80%	2032	* *	4	\$126,500	Α				
Concrete	20% 2-4 \$327,000	2032	* *	4	\$84,400	A				
	Cracks, Extent : Moderate, Area Affected : 20%									
	Location: Random									
	Exposed Reinforcement, Extent: Moderate, Area Affected: 20%									
	Location: Random	4 - 4 - 2007								
	Spalling, Extent : Moderate, Area Affec Location : Random	rtea : 20%								
Wearing Surface	Locution . Kundom									
Asphalt	90%	2024	\$1,865,600	5	\$187,200	C				
Asphalt	10% 4+ \$41,500	2024	\$207,300	5	\$93,600	C				
rispituit	Cracks, Extent : Moderate, Area Affect		Ψ207,500	5	Ψ25,000					
	Location : Random									
	Other Observation, Extent : Moderate,	Area Affec	ted : 20%							
	Location : Random	33 7 0								
	Explanation: Wearing, Rutting									

Superstructure

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

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

Asset #: 2444

ridge Structure	Current Repair	Future	Replacement	M	aintenance				
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
perstructure									
Deck,Structural	0.504		de de	_	4277 000				
Concrete	85% Other Observation, Extent: Light, Area	LIFE Affected	* * : 95%	5	\$255,800	Α			
	Location: Spans 8-145	1 117	37 . 4 . 27.7						
	Explanation: Spans Over Railroad Tr				*** *********************************				
Concrete	15% 4+ \$77,200 Cracks, Extent: Moderate, Area Affecte Location: Random	LIFE ed: 20%	* *	5	\$255,800	A			
	Corrosion, Extent: Light, Area Affected	1 · 2%							
	Location: Minor Corrosion To Sip Fo		outhern Spans						
	Efflorescence, Extent : Moderate, Area		=						
	Location : Random	33							
	Spalling, Extent : Moderate, Area Affec	ted : 20%							
	Location: Random								
	Other Observation, Extent : Light, Area Affected : 90%								
	Location: Spans 8-145								
	Explanation : Spans Over Railroad Tr On Nysdot Inspection Report	acks Wer	e Not Accessible;	Observa	tion Was Based				
Joints	750/	LIDE	* *			a			
Generic	75%	LIFE	* *			C C			
Generic	25% 0-2 \$163,700 LIFE ** C Broken/Missing Element, Extent: Light, Area Affected: 10%								
	Location: Random								
	Other Observation, Extent : Moderate, Area Affected : 10%								
	Location: Random	11 001 1 199 0	. 10,0						
	Explanation: Joints Are Paved Over	With Asph	alt						
Primary Member	•								
Concrete Encased Steel	85%	LIFE	* *	5	\$1,171,000	A			
	Other Observation, Extent : Light, Area	Affected	: 95%						
	Location: Spans 8-145								
	Explanation: Spans Over Railroad Tr	acks Wer	e Not Accessible						
Concrete Encased Steel	15% 4+ \$3,143,400	LIFE	* *	5	\$1,171,000	A			
	Cracks, Extent: Severe, Area Affected:	30%							
	Location : Random								
	Spalling, Extent: Moderate, Area Affec	ted : 20%							
	Location : Random								
Steel	90%	LIFE	* *	2-8	\$4,296,200	Α			
	Other Observation, Extent: Light, Area	Affected	: 95%						
	Location: Spans 8-145								
	Explanation: Spans Over Railroad Tr	acks Wer							
Steel	10% 4+ \$44,028,000 Loss of Section, Extent: Moderate, Area Location: Random	LIFE a Affected	* *	2-8	\$4,296,200	A			
	Rust Stains, Extent : Moderate, Area Af	fected : 20	0%						
	Location: Throughout	,							

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

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

DEPARTMENT OF TRANSPORTATION - 841 HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST

Asset #: 2444

Bridge Structure	Current	Repair	Future Rep	lacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure							
Secondary Member							
Steel	90%		LIFE	* *	2-8	\$3,598,900	В
	Other Observation, Extent : Light, Area Affected : 95%						
	Location: Spans 8	-145					
	Explanation : Spar	is Over Railroad Ti	acks Were Not	Accessible			
Steel	10% 4+	\$1,668,400	LIFE	* *	2-8	\$3,598,900	В
	Corrosion, Extent:	Moderate, Area Aff	ected : 20%				
	Location : Randon	ı					
	Loss of Section, Extent : Moderate, Area Affected : 20%						
	Location : Randon	ı					
	Rust Stains, Extent :	Severe, Area Affec	ted : 30%				
	Location : Randon	ı					

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST

Address : HENRY HUDSON PKWY AT W. 158TH ST

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0011.090 / 2820 Yr Built/Renovated : 1939 /

Area Sq Ft : 140,000 Project Type : HIGHWAY BRIDGES

Date of Survey : 17-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2229349

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$8,996,200	\$6,041,200
Total	\$8,996,200	\$6,041,200
Priority A	\$8,101,600	\$3,503,400
Priority B	\$601,700	\$1,685,000
Priority C	\$292,900	\$852,800
Total	\$8,996,200	\$6,041,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$34,900	\$1,400	\$505,400	
Total	\$34,900	\$1,400	\$505,400	
Priority A		\$1,400	\$336,400	
Priority B			\$169,000	
Priority C	\$34,900			
Total	\$34,900	\$1,400	\$505,400	



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

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

DEPARTMENT OF TRANSPORTATION - 841 HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST

Asset #: 2820

Bridge Structure	Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals	1000/			de de			
Concrete	100%		LIFE	* *			A
Backwall	1000/ 4.	¢17.500	LIDD	* *			C
Concrete	100% 4+ Cracks, Extent : Light,	\$17,500	LIFE				С
	Location : South Abu						
	Leakage, Extent : Ligh		10%				
	Location : Throughou						
Brngs,Ancr Blts,Pads		-					
Steel	100%		LIFE	* *			A
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location: Begin And						
	Explanation: Begin I	And End Abutme	nt Not Ac	cessible			
Footings							
Not Accessible	100%						D
Joint with Deck							_
Generic	100% 0-2	\$77,800	LIFE	**			В
	Loose Joint Plates, Ext Location : South End		Area Affe	ctea : 90%			
	Other Observation, Ex		Anna Affa	atad : 100/			
	Location : South End			ciea . 1076			
	Explanation : Unever			int Cover Observe	ed At Sou	th End Also	
	North Abutment Not		ansion 30	ini cover observe	u ni son	in Ena. 11150,	
Mat (scour & erosion)							
Earth	100%		LIFE	* *			В
Pedestals							
Concrete	100%		LIFE	* *			A
Stem (breastwall)							_
Concrete	100% 4+	\$83,400	LIFE	* *			В
	Cracks, Extent : Light, Location : Both Abut		2%0				
	Efflorescence, Extent:		Affactad	. 200/			
	Location : Throughor		Ајјестеа .	. 2070			
	Other Observation, Ex		Area Affe	cted · 20%			
	Location : Throughou		irea rijje	cica : 2070			
	Explanation : Water						
Wingwalls	•						
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Earth	100%		LIFE	* *			<u>C</u>
Piles	1000:						-
Not Accessible	100%						D

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

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

DEPARTMENT OF TRANSPORTATION - 841 HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST

Asset #: 2820

Bridge Structure	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Wingwalls							
Walls	100% 4+	¢50,900	LIFE	* *			С
Concrete	Cracks, Extent : Lig	\$50,800					C
	_	alls At Both Abutme					
	Exposed Reinforcen			rted · 2%			
	-	Wingwall West Face					
		ight, Area Affected :					
		Wingwall West Face					
	Other Observation,	Extent : Moderate,	Area Affec	ted : 20%			
	Location : Throug	hout All Wingwalls					
	Explanation: Mis	sing Mortar Betwee	n And Und	lerneath Granite	Coping S	Stones	
Approaches							
Pavement							
Asphalt	100% 4+	\$10,500	2025	\$526,100	4	\$9,800	C
	Cracks, Extent: Lig		2%				
	Location: Both A						
Concrete	100% 4+	\$6,800	2033	* *	4	\$15,700	C
	Settlement, Extent:	-	d : 5%				
	Location : Randor						
		ight, Area Affected :	2%				
	Location : South 1	End Approach					
Embankment	1000/		LIEE	* *			C
Generic	100%		LIFE	* *			С
Guide Railing	1000/		2033	* *	4	\$4.200	Λ.
Concrete	100% Other Observation,	Extent : Light Area			4	\$4,300	A
	Location : End Ap		і Аујесіей.	100/0			
	Explanation : Cor						
Steel	100%	icrete Barrier	LIFE	* *	2-8	\$4,400	A
Steel	Other Observation,	Frient · Light Area			2-0	\$4,400	А
		Approach Left Side	ingjeerea.	100/0			
		el Guide Rail And C	oncrete Ba	rrier			
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A
Piers							
Cap Beam							
Steel	100% 4+	\$312,500	LIFE	* *	2-8	\$1,336,400	A
	Corrosion, Extent:	Light, Area Affected	d:1%				
	Location : Ends C	If Cap Beam Cantile	evers				
Pier,Columns							
Steel	100%		LIFE	* *	2-8	\$861,700	В
Brngs, Ancr Blts, Pads					_		_
Steel	100%		LIFE	* *	2-8	\$8,700	A
Footings	400						_
Not Accessible	100%						D
Mat (scour & erosion)	4000/						
Earth	100%		LIFE	* *			A

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

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

DEPARTMENT OF TRANSPORTATION - 841 HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST

Asset #: 2820

Bridge Structure	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	t Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements	•					
Median						
Concrete	100%	LIFE	* *	5	\$32,000	A
Railings/Parapets Concrete	100% 4+ \$93,100 Corrosion, Extent: Light, Area Affect Location: Random Locations Loss of Section, Extent: Light, Area A	ed : 10%	* *	4	\$54,800	A
	Location: East And West Fascia At		Blisters An	d Joints		
Wearing Surface		0 1				
Concrete	100% 4+ \$168,300 Cracks, Extent : Light, Area Affected . Location : Throughout		* *	5	\$326,700	С
Scupper						
Cast Iron	100% Broken/Missing Element, Extent: Liga Location: South Abutment West Sida		* * : 2%			С
Superstructure						
Deck,Structural Concrete	100% 4+ \$4,504,800 Cracks, Extent: Light, Area Affected. Location: Throughout		* *	5	\$154,100	A
	Efflorescence, Extent : Moderate, Are Location : Throughout					
	Spalling, Extent : Moderate, Area Affe Location : Throughout	ected : 20%				
	Other Observation, Extent: Light, Are Location: Throughout Explanation: Exposed Rebar With I					
Joints						
Generic	100% 4+ \$73,800 Broken/Missing Element, Extent: Mod Location: Random Locations		* * cted : 20%			С
	Leakage, Extent : Moderate, Area Affa Location : Random Locations	ected : 20%				
Primary Member						
Steel	5% 4+ \$3,191,200 Corrosion, Extent : Light, Area Affect Location : Deteriorated Area More	ed : 20%	* * To Deck Join	2-8	\$2,588,100	A
	Other Observation, Extent : Light, Are Location : Throughout At Isolated C Explanation : Bird Nesting	ea Affected : 1%				
Steel	95%	LIFE	* *	2-8	\$2,588,100	Δ
SICCI	7J 70	LII'E		∠-0	φ2,500,100	A

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

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

DEPARTMENT OF TRANSPORTATION - 841 HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST

Asset #: 2820

Bridge Structure	Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure Secondary Member							
Steel	100% 4+	\$440,500	LIFE	* *	2-8	\$2,168,100	В
	Corrosion, Extent : L	ight, Area Affected	: 5%				
	Location: Random	Locations					
	Loss of Section, Exter	it : Light, Area Aff	ected : 5	%			
	Location: Loss Of S	Sections At End Of	Overhai	ig Brackets			

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE

Address : AMTRAK, 94TH-98TH ST

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0080.000 / 2510 Yr Built/Renovated : 1936 /

Area Sq Ft : 60,258 Project Type : HIGHWAY BRIDGES

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

Areas Surveyed :

Block : Lot : BIN : 2267250

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$135,400	\$428,700
Total	\$135,400	\$428,700
Priority A	\$93,100	\$132,600
Priority C	\$42,200	\$296,000
Total	\$135,400	\$428,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$83,600		\$400	\$1,400
Total	\$83,600		\$400	\$1,400
Priority A	\$49,000		\$400	
Priority B	\$8,200			
Priority C	\$26,400			\$1,400
Total	\$83,600		\$400	\$1,400



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

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

Asset #: 2510

Bridge Structure	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
Abutments				
Bridge Seat&pedestals	1000/			D
Not Accessible	100% Other Observation, Extent : Light, Area	a Affacted . 00%		D
	Location:	i Ajjecieu . 070		
	Explanation: No Access To Tracks			
Backwall	Experience 110 Treess 10 Trucks			
Not Accessible	100%			D
	Other Observation, Extent: Light, Area	a Affected : 0%		
	Location:			
	Explanation: No Access To Tracks			
Brngs,Ancr Blts,Pads				
Not Accessible	100%			D
	Other Observation, Extent: Light, Area	a Affected : 0%		
	Location:			
=	Explanation: No Access To Tracks			
Footings	1000/			ъ
Not Accessible	100%	- ACC		D
	Other Observation, Extent : Light, Area Location :	а Ађестеа : 0%		
Joint with Deck	Explanation: No Access To Tracks			
Generic	100% 4+ \$8,200	LIFE **	:	В
Generic	Broken/Missing Element, Extent : Ligh			В
	Location : Begin Approach	. 55		
Mat (scour & erosion)				
Not Accessible	100%			D
	Other Observation, Extent: Light, Area	a Affected : 0%		
	Location:			
	Explanation : No Access To Tracks			
Pedestals				
Not Accessible	100%			D
	Other Observation, Extent : Light, Area	a Affected : 0%		
	Location:			
G: (1 : 11)	Explanation: No Access To Tracks			
Stem (breastwall) Not Accessible	100%			D
Not Accessible	Other Observation, Extent : Light, Area	a Affacted . 00%		D
	Location:	i Affected . 0/0		
	Explanation: No Access To Tracks			
Wingwalls	Empression Tio Hoods To Trucks			
Footings				
Not Accessible	100%			D
Mat (scour & erosion)				
Not Accessible	100%			D
Piles				
Not Accessible	100%			D

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

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

Asset #: 2510

Bridge Structure	Curren	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Dat Total (Years)	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
ingwalls							
Walls							_
Not Accessible	100%						D
pproaches							
Pavement	1000/ 2.4	¢14.000	2025	\$206,000	4	¢4.000	C
Asphalt	Location: Both A	-		\$296,000	4	\$4,800	С
	Location : Both A	ight, Area Affected : pproaches	10%				
Concrete	Location : Rando Spalling, Extent : L	\$42,200 ght, Area Affected: 3 m Locations Through ight, Area Affected: m Locations Through	hout 10%	* *	4	\$33,900	С
Curbs	Location . Kanaoi	n Locations Through	пош				
Curbs Concrete	100%		LIFE	* *			A
Embankment	10070		LILE				А
Generic	100%		LIFE	* *			С
Guide Railing	10070						
Concrete	100% 4+ Cracks, Extent : Lig Location : Both A	\$1,600 ght, Area Affected : 5	2033	* *	4	\$1,700	A
Steel	100% 4+	\$6,000 ement, Extent : Light,	LIFE , Area Af	* * fected : 5%	2-8	\$5,800	A
Mat (scour & erosion) Earth	100%	II	LIFE	* *			Λ
iers	100%		LIFE				A
Cap Beam Not Accessible	100% Other Observation, Location :	Extent : Light, Area	Affected	: 0%			D
	Explanation: No	Access To Tracks					
Pier,Columns							
Not Accessible	100%						D
Stem,Solid Pier Not Accessible	100%						D
Brngs,Ancr Blts,Pads Not Accessible	Location:	Extent : Light, Area	Affected	: 0%			D
	Explanation : No	Access To Tracks					
Footings Not Accessible	100% Other Observation, Location:	Extent : Light, Area	Affected	: 0%			D
	Explanation : No	Access To Tracks					

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

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

Asset #: 2510

idge Structure	Current F	Repair	Future	Replacement	M	aintenance	
tem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori Co
S							
Mat (scour & erosion)							
Not Accessible	100%						D
	Other Observation, E	Extent : Light, Area	Affected :	0%			
	Location:						
	Explanation : No A	ccess To Tracks					
Pedestals	1000/						_
Not Accessible	100%						D
k Elements							
Curbs	5 0/ 4	ΦΕ 200	2011	ale ale			
Concrete	5% 4+	\$56,200	2044	* *			A
	Cracks, Extent: Ligh						
	Location: Random	_					
	Exposed Reinforceme		ate, Area	Affected: 5%			
	Location : East Side	e					
Concrete	95%		2044	* *			A
Gratings							
Steel	100%		LIFE	* *			Α
	Other Observation, E		Affected:	10%			
	Location: Spans 1						
	Explanation : Ruste	ed Areas; The Grat	ings Cove	r The Air Vents. V	Vents In	Span 3 Are Good	
Guide Railing							
Concrete	100% 4+	\$36,900	2037	* *			A
	Cracks, Extent : Ligh		5%				
	Location : West Sid						
		Janata Anaa Affaa					
	Spalling, Extent : Mo		ted : 10%				
	Spalling, Extent : Mo Location : West Sid		ted : 10%				
Railings/Parapets	Location : West Sid	le					
Railings/Parapets Steel	Location : West Sid	\$11,500	LIFE	* *	2-8	\$7,600	A
	Location : West Sid 100% 4+ Corrosion, Extent : L	s \$11,500 sight, Area Affected	LIFE 1:5%		2-8	\$7,600	A
	Location: West Sid 100% 4+ Corrosion, Extent: L Location: Random	\$11,500 ight, Area Affectea Locations Through	LIFE l:5% hout East !	Side	2-8	\$7,600	A
	Location: West Sid 100% 4+ Corrosion, Extent: L Location: Random Damaged Railing, Ex	\$11,500 ight, Area Affected Locations Through tent : Light, Area	LIFE l: 5% hout East ! Affected:	Side 5%	2-8	\$7,600	A
	Location: West Sid 100% 4+ Corrosion, Extent: L Location: Random Damaged Railing, Ex Location: Random	\$11,500 ight, Area Affected Locations Through stent : Light, Area Locations Through	LIFE 1:5% hout East thout East thout East the	Side 5%	2-8	\$7,600	A
	Location: West Sid 100% 4+ Corrosion, Extent: L Location: Random Damaged Railing, Ex Location: Random Rust Stains, Extent:	\$11,500 \$11,500 ight, Area Affected Locations Through tent : Light, Area A Locations Through Light, Area Affecte	LIFE 1:5% hout East : Affected: hout East : d:5%	Side 5% Side	2-8	\$7,600	A
	Location: West Sid 100% 4+ Corrosion, Extent: L Location: Random Damaged Railing, Ex Location: Random	\$11,500 \$11,500 ight, Area Affected Locations Through tent : Light, Area A Locations Through Light, Area Affecte	LIFE 1:5% hout East : Affected: hout East : d:5%	Side 5% Side	2-8	\$7,600	A
	Location: West Sid 100% 4+ Corrosion, Extent: L Location: Random Damaged Railing, Ex Location: Random Rust Stains, Extent:	\$11,500 \$11,500 ight, Area Affected Locations Through tent : Light, Area A Locations Through Light, Area Affecte	LIFE 1:5% hout East : Affected: hout East : d:5%	Side 5% Side	2-8	\$7,600 \$2,100	A
Steel	Location: West Sid 100% 4+ Corrosion, Extent: L Location: Random Damaged Railing, Ex Location: Random Rust Stains, Extent: L Location: Random	\$11,500 ight, Area Affected Locations Through tent: Light, Area A Locations Through Light, Area Affecte Locations Through	LIFE 1:5% hout East thout East th	Side 5% Side Side * *			
Steel	Location: West Sid 100% 4+ Corrosion, Extent: L Location: Random Damaged Railing, Ex Location: Random Rust Stains, Extent: L Location: Random 100% 4+	\$11,500 ight, Area Affected Locations Through tent: Light, Area A Locations Through Locations Through Light, Area Affecte Locations Through \$7,800 Extent: Light, Area	LIFE 1:5% hout East thout East th	Side 5% Side Side * *			
Steel	Location: West Sid 100% 4+ Corrosion, Extent: L Location: Random Damaged Railing, Ex Location: Random Rust Stains, Extent: L Location: Random 100% 4+ Other Observation, E	\$11,500 sight, Area Affected Locations Through Locations Through Locations Through Light, Area Affecte Locations Through \$7,800 Extent: Light, Area e, Spans 1 Thru 6	LIFE 1:5% hout East : hout East : hout East : d:5% hout East : LIFE Affected :	Side 5% Side Side * *			
Steel	Location: West Sid 100% 4+ Corrosion, Extent: L Location: Random Damaged Railing, Ex Location: Random Rust Stains, Extent: L Location: Random 100% 4+ Other Observation, E Location: East Side	\$11,500 sight, Area Affected Locations Through Locations Through Locations Through Light, Area Affecte Locations Through \$7,800 Extent: Light, Area e, Spans 1 Thru 6	LIFE 1:5% hout East : hout East : hout East : d:5% hout East : LIFE Affected :	Side 5% Side Side * *			
Steel Stone Rough Work	Location: West Sid 100% 4+ Corrosion, Extent: L Location: Random Damaged Railing, Ex Location: Random Rust Stains, Extent: L Location: Random 100% 4+ Other Observation, E Location: East Side	\$11,500 sight, Area Affected Locations Through Locations Through Locations Through Light, Area Affecte Locations Through \$7,800 Extent: Light, Area e, Spans 1 Thru 6	LIFE 1:5% hout East : hout East : hout East : d:5% hout East : LIFE Affected :	Side 5% Side Side * *			
Steel Stone Rough Work Sidewalks	Location: West Sid 100% 4+ Corrosion, Extent: L Location: Random Damaged Railing, Ex Location: Random Rust Stains, Extent: L Location: Random 100% 4+ Other Observation, E Location: East Side Explanation: Missi	\$11,500 sight, Area Affected Locations Through Locations Through Locations Through Light, Area Affecte Locations Through \$7,800 Extent: Light, Area e, Spans 1 Thru 6	LIFE 1:5% hout East if hout East if d:5% hout East if hout East if LIFE Affected:	Side 5% Side Side * *	5	\$2,100	A

Superstructure

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

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

Asset #: 2510

Bridge Structure	Current Repair	Future Rep	lacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estin	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
iperstructure						
Deck,Structural						
Concrete	10% 4+ \$22,		* *	5	\$66,300	A
	Cracks, Extent : Moderate, Area A	Affected : 30%				
	Location : On Top Surface					
	Spalling, Extent : Light, Area Affe	ected : 10%				
	Location : Random Locations Th	hroughout				
Concrete	90%	LIFE	* *	5	\$66,300	A
Joints						
Generic	100% 4+ \$11,	600 LIFE	* *			C
	Broken/Missing Element, Extent:	Moderate, Area Affe	ected : 10%			
	Location: Random Locations Th	hroughout				
Primary Member						
Not Accessible	100%					D
	Other Observation, Extent: Light,	, Area Affected : 0%				
	Location:					
	Explanation: No Access To Trac	cks				
Secondary Member						
Not Accessible	100%					D
	Other Observation, Extent: Light,	, Area Affected : 0%				
	Location:					
	Explanation: No Access To Trac	cks				

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE

Address : HIGHLAWN AVE AND 8TH STREET

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0172.000 / 13597 Yr Built/Renovated : 1997 /

Area Sq Ft : 11,300 Project Type : HIGHWAY BRIDGES

Date of Survey : 31-Oct-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2243780

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$188,100	
Total	\$188,100	
Priority A	\$139,600	
Priority C	\$48,500	
Total	\$188,100	_

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$73,300		\$3,800	
Total	\$73,300		\$3,800	
Priority A	\$25,700		\$500	
Priority B	\$20,900			
Priority C	\$26,800		\$3,300	
Total	\$73,300		\$3,800	



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

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

DEPARTMENT OF TRANSPORTATION - 841 HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE

Asset #: 13597

Bridge Structure	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals	1000/							ъ
Not Accessible	100%							D
Backwall Not Accessible	100%							D
Not Accession		ervation, E	Extent : Light, Area	Affected	1:0%			D
		: Both Abi		33				
	Explana	tion : Abuti	nent Is Behind The	Station	Platform Wall			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051	* *			<u>A</u>
Footings	1000/							Б
Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			В
Stem (breastwall)	10070			LIIT				
Concrete	20%	4+	\$20,900	LIFE	* *			В
	Cracks, E.	xtent : Ligh	t, Area Affected : 2					
	Location	: Both Abi	utments					
		eakage, Extent : Light, Area Affected : 10%						
		: Both Abi						
			ht, Area Affected :	1%				
		: At East A	Abutment					
Concrete	80%			LIFE	* *			<u>B</u>
Walls Concrete	100%			LIFE	* *			Α
Wingwalls	100%			LIFE				
Footings								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			<u>C</u>
Approaches								
Pavement Asphalt	100%	2-4	\$48,500	2026	* *	4	\$6,700	С
Asphan			هجره erate, Area Affecte!			4	\$0,700	C
			Locations Through					
Concrete	100%	4+	\$1,800	2034	* *	4	\$6,000	С
Concrete			t, Area Affected : 5			•	φο,σσσ	C
	Location	: Random	Locations Through	hout				
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Sidewalks								_
Concrete	100%	4+	\$6,800	LIFE	* *			С
		_	t, Area Affected : 2 Locations Through					
	Locanon	. Kanaom	Locutions Inrough	wui				

Deck Elements

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

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

DEPARTMENT OF TRANSPORTATION - 841 HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE

Asset #: 13597

Bridge Structure	Current Repair		Future Replacement		Maintenance				
System Component Type	% of Fail D Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Peck Elements	•								
Curbs									
Concrete w/ Steel Face	100%		LIFE	* *			A		
Mono Deck Surface									
Concrete	100% 4+	\$5,300	2051	* *	5	\$16,900	C		
		ight, Area Affected :							
	Location : Rand	om Locations Throug	hout						
Railings/Parapets	1000/		2020	* *	4	Φ000			
Concrete	100%	Foreside I to by Asses	2038		4	\$900	A		
	Location : North	n, Extent : Light, Area	Ајјестеа	: 100%					
		i Fuscia ation Building At Sou	th Fascia	Does Not Have A	Daranat				
C(1		anon Bunaing Ai Sou		* *	2-8		Α.		
Steel	100%	. Entant . Liaht Anas	LIFE		2-8	\$2,100	A		
		Other Observation, Extent : Light, Area Affected : 100% Location : North Fascia							
		eel Screen Wall On T	on Of Cor	nerata Paranat					
Sidewalks	Explanation . Si	eei sereen wan on 1	эр Ој Сог	icreie I arapei					
Concrete	100%		2033	* *	5	\$6,600	С		
uperstructure	10070					Ψο,σσσ			
Deck,Structural									
Concrete	80%		LIFE	* *	5	\$24,900	A		
Concrete	20%		LIFE	* *	5	\$24,900	A		
		n, Extent : Light, Area		: 100%					
		! Main Span From We							
	Explanation : C	omposite Deck Type S	tructure,	Full Span					
Joints									
Generic	100% 0-2	\$12,800	LIFE	**			C		
	_	Leakage, Extent : Moderate, Area Affected : 25% Location : At East Abutment South Side And West Abutment South Side							
					n Siae				
		n, Extent : Light, Area		: 100%					
		The South Side Of T		Cantina And Dui	daa Daal				
Primary Member	Ехрипаноп : Е.	xpansion Joint Betwee	n subwa	y Sianon Ana Brit	іде Беск				
Primary Member Prestressed Concrete	100% 4+	\$139,600	LIFE	* *			A		
Box Beam	10070 4+	φ139,000	LIII				Л		
	Other Observation	n, Extent : Light, Area	Affected	: 2%					
	Location : North	=							
	Explanation : C	racks On Fascia Bean	ı						

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK

Address : HUNTS POINT AVE

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 13,700 Project Type : HIGHWAY BRIDGES

Date of Survey : 17-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241190

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$367,900
Total		\$367,900
Priority A		\$135,600
Priority B		\$135,600
Priority C		\$96,700
Total		\$367,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$70,100	\$6,500	\$27,400	
Total	\$70,100	\$6,500	\$27,400	
Priority A	\$4,000		\$13,800	
Priority B			\$13,600	
Priority C	\$66,000	\$6,500		
Total	\$70,100	\$6,500	\$27,400	



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

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

DEPARTMENT OF TRANSPORTATION - 841 HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK

Asset #: 13717

Bridge Structure		Current Repair	Future R	eplacement	Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year Es	stimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Abutments						
Bridge Seat&pedestals						
Not Accessible	100%					D
Backwall						
Not Accessible	100%					D
Brngs,Ancr Blts,Pads						
Not Accessible	100%					D
Footings						
Not Accessible	100%					D
Joint with Deck						
Generic	100%		LIFE	* *		В
		ments, Extent : Light, Area A	Affected : 5%			
	Location	: Random Locations				
Pedestals						
Not Accessible	100%					D
Stem (breastwall)						
Not Accessible	100%					D
Wingwalls						
Footings	400					_
Not Accessible	100%					D
Mat (scour & erosion)						_
Earth	100%		LIFE	* *		C
Piles						
Not Accessible	100%					D
Walls	40					~
Concrete	10%	4+ \$21,800		* *		C
		xtent : Light, Area Affected :				
		: More Severe At Southeast				
		nce, Extent : Light, Area Aff	ected: 30%			
		: Scattered Throughout	4.00	000/		
		servation, Extent : Light, Are		00%		
		: Southeast And Southwest	_		(5 . 11 1	
		tion : Northeast And Northw			e (Buildings)	
Concrete	90%		LIFE	* *		С

Approaches

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

DEPARTMENT OF TRANSPORTATION - 841 HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK

Asset #: 13717

Bridge Structure	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches								
Pavement								
Asphalt	80%		2025	\$77,400	4	\$4,000	C	
Asphalt	20% 4+	\$5,800	2025	\$19,300	4	\$2,700	C	
	Cracks, Extent: Mod		ed : 20%					
	Location: Through		1 . 500/					
	Settlement, Extent : I		a : 50%					
	Location: Begin Ap	-	Affaatad	. 1000/				
	Other Observation, E Location: Both App	_	і Ајјесіеа	: 100%				
			A amb als A	ud 25 Dansant Ca				
	Explanation: Cons	isis Oj 73 Perceni .		**		Φ1.7. 400		
Concrete	80%		2033	* *	4	\$15,400	C	
	Cracks, Extent : Light Location : Scattered		10%					
Concrete	20% 2-4	\$12,000	2033	* *	4	\$10,300	C	
	Cracks, Extent: Ligh		15%					
		Location: Throughout						
	Spalling, Extent : Mo		ted : 40%	ó				
	Location : Adjacen	t To Joints						
Curbs								
Concrete w/ Steel Face	100%		LIFE	* *			A	
	Corrosion, Extent : L		d: 10%					
	Location : Through	out						
Embankment	1000/		LICE	* *			0	
Earth	100%		LIFE	* *			С	
Guide Railing	1000/		LIDD	* *	2.0	¢2 200		
Steel	100% Other Observation F	Extent : Light Area	LIFE		2-8	\$2,300	Α	
	Other Observation, Extent : Light, Area Affected : 50% Location : South Side Of Bridge							
	Explanation : Steel		One Side	Of The Bridge Or	ılv			
Mat (scour & erosion)	Explanation : Steel	Since Hanning On	one side	oj The Briage on	,			
Earth	100%		LIFE	* *			A	
Sidewalks								
Concrete	100% 4+	\$12,800	LIFE	* *			C	
	Cracks, Extent : Ligh							
	Location: Through	out						
	Spalling, Extent : Lig	ht, Area Affected :	5%					
	Location : Scattered	d Throughout						
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%		LIFE	* *			A	
	Corrosion, Extent : L	-	1:5%					
	Location : Scattered	d Throughout						
Mono Deck Surface								
Concrete	100% 4+	\$3,500	2044	* *	5	\$28,100	C	
	Cracks, Extent: Ligh		10%					
	Location : Scattered	d I hroughout						

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

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

DEPARTMENT OF TRANSPORTATION - 841 HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK

Asset #: 13717

Bridge Structure	Current F	Repair	Future I	Replacement	M	aintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Deck Elements									
Railings/Parapets									
Concrete	100%		2033	* *	4		A		
	Other Observation, E	_	Affected:	50%					
	Location : Both Sid	es							
	Explanation : Conc To Building On No		ted Steel Sh	neeting On South	Side. N	o Parapets Due			
Steel	100% 4+	\$4,000	LIFE	* *	2-8	\$4,600	A		
Steel	Damaged Railing, Ex	. ,			2-0	\$4,000	A		
	Location : South Pa	· ·	33						
Sidewalks									
Concrete	100% 4+	\$10,000	2029	* *	5	\$2,900	C		
	Broken/Missing Elem		, Area Affeo	cted : 10%					
	Location : Through	out							
	Cracks, Extent: Light, Area Affected: 10%								
	Location: Throughout								
	Recent Replace Evident, Extent : Light, Area Affected : 2%								
	Location : North Si								
	Vegetation Growth, Extent : Light, Area Affected : 2%								
	Location : Scattered	d Throughout							
Superstructure									
Deck,Structural									
Concrete	100%		LIFE	* *	5	\$15,100	A		
Primary Member									
Steel	100%		LIFE	* *	2-8	\$253,300	A		
Secondary Member									
Steel	100%		LIFE	* *	2-8	\$212,200	В		

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HUTCHINSON RIVER PARKWAY BRIDGE

Address : HUTCHINSON RIVER PARKWAY

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0159.000 / 13567 Yr Built/Renovated : 1940 /

Area Sq Ft : 15,444 Project Type : HIGHWAY BRIDGES

Date of Survey : 29-Oct-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241959

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$438,100	\$344,100
Total	\$438,100	\$344,100
Priority A	\$399,700	\$305,700
Priority C	\$38,400	\$38,400
Total	\$438,100	\$344,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$157,900		\$71,600	
Total	\$157,900		\$71,600	
Priority A	\$101,900		\$33,400	
Priority C	\$56,000		\$38,100	
Total	\$157,900		\$71,600	



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

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

DEPARTMENT OF TRANSPORTATION - 841 HUTCHINSON RIVER PARKWAY BRIDGE

Asset #: 13567

Bridge Structure	Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
butments							
Bridge Seat&pedestals							
Concrete	100%		LIFE	* *			A
Backwall							
Not Accessible	100%						D
Brngs,Ancr Blts,Pads							
Steel	100%		LIFE	* *			A
Footings	400-						_
Not Accessible	100%						D
Joint with Deck	400-			de de			_
Generic	100%		LIFE	* *			В
Mat (scour & erosion)	1000/		LIDE	ماه ماه			ъ
Earth	100%		LIFE	* *			В
Pedestals	1000/		LIDE	ماه ماه			
Concrete	100%		LIFE	* *			A
Stem (breastwall)	1000/		LIDE	* *			ъ
Concrete	100%		LIFE	* *			В
ingwalls							
Footings	1000/						Ъ
Not Accessible	100%						D
Mat (scour & erosion)	1000/		LIEE	* *			C
Earth	100%		LIFE				С
Piles Not Accessible	100%						D
Walls	100%						ע
Concrete	4% 4+	\$30,400	LIFE	* *			С
Concrete	Cracks, Extent : Ligh						C
	Location: Random						
	Efflorescence, Extent	_		%			
	Location : Random						
	Joints Missing, Exten	_		0%			
	Location : Random			, ,			
	Vegetation Growth, E	ē		1 : 30%			
	Location : North Al						
Concrete	96%		LIFE	* *			С
proaches	7070			·			
Pavement							
Asphalt	100%		2026	* *	4	\$25,300	С
Concrete	100%		2034	* *	4	\$51,000	C
Curbs					•	+21,000	
Concrete w/ Steel Face	100%		LIFE	* *			A
Embankment							
Earth	100%		LIFE	* *			C
Guide Railing							
Steel	100% 4+	\$12,200	LIFE	* *	2-8	\$51,300	A
	Other Observation, E			ected : 20%	-	,	
	Location : South Ap		-				
	Explanation : Impa						

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

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

DEPARTMENT OF TRANSPORTATION - 841 HUTCHINSON RIVER PARKWAY BRIDGE

Asset #: 13567

Bridge Structure	Current Repair		Repair	Future Replacement		Maintenance		
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
pproaches								
Mat (scour & erosion)	1000/			LIEE	ታ ታ			
Earth	100%			LIFE	* *			A
Railings/Parapets	60%	4+	\$8,300	2034	* *			٨
Masonry			\$8,500 Extent : Light, Area					A
			Locations Through		. 2070			
			ng/ Eroded Joint N		ıd Misaligned Cop	ing Ston	es	
Masonry	40%			2034	* *			A
Sidewalks	1070			2031				7.1
Concrete	30%	4+	\$25,600	LIFE	* *			С
	Cracks, Ex	ctent : Ligh	t, Area Affected : 5					
	Location	: Random	Locations Through	hout				
		_	ht, Area Affected :					
			Locations Through					
	_		Extent : Moderate,		ected : 10%			
			Locations Through					
			Extent : Severe, Are	00	d: 60%			
			Locations Through	iout				
		tion : Dirt	Accumulation		di di			
Concrete	70%			LIFE	* *			С
eck Elements Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Concrete w/ Steel I ace		ervation. F	Extent : Light, Area		: 100%			Α
		Other Observation, Extent : Light, Area Affected : 100% Location : At South Side						
	Explana	tion : Only	One Side Of The B	ridge Ha	ıs Curbs			
Guide Railing	<u> </u>							
Steel	100%			LIFE	* *			A
			Extent : Light, Area	Affected	: 100%			
		: At South						
	Explana	tion : Only	One Side Of The B	ridge Ha	ıs Guide Railings			
Median	1000/			LIEE	* *	_	¢2.500	
Concrete	100%			LIFE	7. 7.	5	\$3,500	A
Railings/Parapets Concrete	100%			2034	* *	4	\$2,400	A
Concrete		ervation F	Extent : Light, Area			4	\$2,400	A
		: At North	_	11,5,00000	. 10070			
			Side Of The Bridge	Has Cor	icrete Parapets			
Steel	100%	4+	\$11,600	LIFE	* *	2-8	\$6,700	A
51001			ight, Area Affectea			2 0	ψ0,700	11
			Locations Through					
			Extent : Light, Area		: 100%			
		: North Si	_					
	Explana	ion : One :	Side Of The Bridge	Has Stee	el Parapets			

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

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

DEPARTMENT OF TRANSPORTATION - 841 HUTCHINSON RIVER PARKWAY BRIDGE

Asset #: 13567

Bridge Structure	Current Repa	air Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements						
Sidewalks						
Concrete	100%	2030	* *	5	\$2,700	C
	Other Observation, Exter	าt : Moderate, Area Affe	ected : 60%			
	Location: Random Loc	cations Throughout				
	Explanation : Dirt Acci	umulation				
Wearing Surface						
Concrete	100%	2034	* *	5	\$76,800	С
Superstructure						
Deck,Structural						
Concrete	100%	LIFE	* *	5	\$34,000	A
	Other Observation, Exter	าt : Light, Area Affected	: 10%			
	Location: Throughout					
	Explanation: Stay In P	lace Forms - Good Con	dition			
Primary Member						
Steel	90%	LIFE	* *	2-8	\$489,400	A
Steel	10% 4+	\$246,900 LIFE	* *	2-8	\$285,500	A
	Other Observation, Exten	าt : Light, Area Affected	: 50%			
	Location : Bottom Flan	ges				
	Explanation: Corrosio	n, Flaking				

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK

Address : LAFAYETTE AVE.

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0181.000 / 13715 Yr Built/Renovated : 1906 /

Area Sq Ft : 12,000 Project Type : HIGHWAY BRIDGES

Date of Survey : 17-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241169

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$545,200
Total		\$545,200
Priority A		\$118,800
Priority B		\$118,800
Priority C		\$307,600
Total		\$545,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$49,400		\$24,200	
Total	\$49,400		\$24,200	
Priority A	\$10,100		\$12,300	
Priority B			\$11,900	
Priority C	\$39,300			
Total	\$49,400		\$24,200	



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

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

DEPARTMENT OF TRANSPORTATION - 841 LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK

Asset #: 13715

Bridge Structure	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Date Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals Not Accessible	100%						D
Backwall Not Accessible	100%						D
Brngs,Ancr Blts,Pads Not Accessible	100%						D
Footings Not Accessible	100%						D
Joint with Deck Generic	100%		LIFE	* *			В
Mat (scour & erosion) Earth	100%		LIFE	* *			В
Pedestals Not Accessible	100%						D
Stem (breastwall) Not Accessible	100%						D
Wingwalls							
Footings Not Accessible	100%						D
Mat (scour & erosion) Not Accessible	Location:	Extent : Light, Area		100%			D
Walla	Explanation : No	Access To The Traci	čs –				
Walls Not Accessible	Location:	Extent : Light, Area Access To The Trace		100%			D
Approaches	•						
Pavement Asphalt	Location : Throug Settlement, Extent : Location : Scatter	Light, Area Affected red Throughout	d : 5%	\$307,600	4	\$6,700	С
	Location: Both A	Extent : Light, Area pproaches nsists Of 50 Percent			ncrete		
Concrete	100% 4+ Cracks, Extent: Lig Location: Both A	\$9,600 ght, Area Affected : 2 pproaches	2033 5%	* *	4	\$25,700	С
Curbs							
Concrete w/ Steel Face	100% Corrosion, Extent : Location : Throug	Light, Area Affected ghout	LIFE l : 10%	* *			A

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

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

DEPARTMENT OF TRANSPORTATION - 841 LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK

Asset #: 13715

Bridge Structure	Current Re	Current Repair Future Replacement		Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost Yea FY	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches							
Embankment	1000/	I III	7			a	
Earth	100%	LIF	**			С	
Guide Railing Steel	100% 4+	\$2.200 LIFI	3 **	20	\$5,800	٨	
Steer		ght, Area Affected : 5%	2	2-8	\$3,800	A	
Mat (scour & erosion)							
Earth	100%	LIFI	E **			A	
Sidewalks							
Concrete	100%	LIFI	**			C	
Deck Elements							
Guide Railing							
Concrete	100%	203′	7 **			A	
Median							
Concrete	100%	LIFI	E **	5	\$2,800	A	
Mono Deck Surface							
Concrete	100% 4+	\$5,400 2044	1 **	5	\$33,400	C	
	Cracks, Extent: Light,						
	Location : Scattered	Throughout					
Railings/Parapets							
Concrete	100% 4+	\$7,900 2033	* *	4	\$5,400	A	
	Cracks, Extent: Light,	Area Affected : 3%					
	Location : North Par	Location: North Parapet					
	Other Observation, Ex	tent : Light, Area Affect	ed : 100%				
	Location : Both Side.	S					
	Explanation: Parapa	ets Are Concrete With C	orrugated Metal She	etings			
Steel	100%	LIFI	**	2-8	\$5,400	A	
	Corrosion, Extent : Lig	ght, Area Affected : 5%					
	Location : Scattered	Throughout					
Sidewalks							
Concrete	100% 4+	\$9,000 2029	**	5	\$5,000	C	
	Cracks, Extent: Light,				. ,		
	Location : Scattered	Throughout					
Superstructure							
Deck,Structural							
Not Accessible	100%					D	
Primary Member							
Steel	100%	LIFI	E **	2-8	\$221,800	A	
		tent : Light, Area Affect		-	. ,		
	Location : Througho	_					
	Explanation : Paint I						
Secondary Member							
Steel	100%	LIFI	**	2-8	\$185,800	В	

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE

Address : ATLANTIC AVE, EASTERN-GEORGIA

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0065.000 / 2490 Yr Built/Renovated : 1942 /

Area Sq Ft : 135,162 Project Type : HIGHWAY BRIDGES

Date of Survey : 25-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2243569

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Bridge Structure	\$4,381,600	\$4,203,600	
Total	\$4,381,600	\$4,203,600	
Priority A	\$1,869,300	\$1,666,800	
Priority B	\$429,900	\$1,425,700	
Priority C	\$2,082,400	\$1,111,200	
Total	\$4,381,600	\$4,203,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$9,000		\$280,300	
Total	\$9,000		\$280,300	
Priority A			\$137,300	
Priority B			\$143,000	
Priority C	\$9,000			
Total	\$9,000		\$280,300	



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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE

Asset #: 2490

Bridge Structure		Current R	lepair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck Generic	100% Misaligne	2-4 d/Bulging, h	\$100,800 Extent : Moderate, Abutments	LIFE Area Aff	* * Fected : 40%			В
Mat (scour & erosion) Not Accessible	100%							D
Pedestals Not Accessible	100%							D
Stem (breastwall) Not Accessible	100%							D
Wingwalls Footings Not Accessible	100%							D
Mat (scour & erosion) Generic	100% Cracks, Ex	4+ xtent : Mod	\$2,500 erate, Area Affecte	LIFE ed : 20%	* *			С
Piles Not Accessible	100%							D
Walls	10070							
Concrete	Location	: Through	xtent : Light, Area out rete Has Brownsto					С
Approaches								
Pavement Asphalt Asphalt	Location Spalling, I	: Random	\$118,500 Ioderate, Area Affe derate, Area Affec			4 4	\$19,300 \$12,900	C C
Curbs								
Concrete Concrete w/ Steel Face	100% 100%			LIFE LIFE	* *			A A
Pavement Base Not Accessible	100%							D
Sidewalks Concrete	100%			LIFE	* *			C

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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE

Asset #: 2490

Bridge Structure	Current Repair Future Replacement Maintenance			aintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
iers						
Pier,Columns	050/	LIDD	* *	2.0	¢126 500	D
Steel	95% Other Observation, Extent : Light, Area	LIFE		2-8	\$126,500	В
	Location : Throughout	і Аујестей	. 10%			
	Explanation: Peeling Paint And Min	or Pitting				
Steel	5% 4+ \$136,200	LIFE	* *	2-8	\$126,500	В
Steel	Corrosion, Extent : Severe, Area Affect			2-0	\$120,500	ъ
	Location: Random	ca . 0070				
	Loss of Section, Extent : Severe, Area A	Affected :	60%			
	Location : Random	55				
Brngs,Ancr Blts,Pads						
Steel	100%	LIFE	* *	2-8	\$72,800	A
Footings						
Not Accessible	100%					D
Mat (scour & erosion)						
Generic	100%	LIFE	* *			A
Pedestals						
Concrete	100% 4+ \$193,000	LIFE	* *			В
	Cracks, Extent : Moderate, Area Affect	ed : 20%				
1 70	Location : At Base Of Columns					
eck Elements						
Gratings Steel	100%	LIFE	* *			A
Median	10070	LIITE				Λ
Concrete	100% 4+ \$463,200	LIFE	* *	5	\$18,900	A
Concrete	Cracks, Extent : Moderate, Area Affect			J	Ψ10,500	11
	Location : Random					
	Spalling, Extent: Light, Area Affected	: 2%				
	Location: Random					
Railings/Parapets						
Concrete	100% 4+ \$675,500	2032	* *	4	\$69,700	A
	Cracks, Extent : Moderate, Area Affect	ed : 20%				
-	Location : Random					
Wearing Surface						
Concrete	100% 4+ \$1,889,600	2032	* *	5	\$321,500	C
	Spalling, Extent: Light, Area Affected	: 10%				
	Location: West End	A CC	1 100/			
	Other Observation, Extent : Light, Area Location :	<i>а А</i> ဌгестеа	1: 10%			
uperstructure	Explanation: Normal Wearing					
Deck,Structural						
Concrete	80%	LIFE	* *	5	\$148,800	A
Concrete	20% 4+ \$730,600	LIFE	* *	5	\$148,800	A
	Cracks, Extent: Severe, Area Affected			-	,	•
	Location : Cracks With Efflorescence					

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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE

Bridge Structure	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date I Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure							
Joints							
Generic	100% 4+	\$74,400	LIFE	* *			C
	Misaligned/Bulging, Ex	tent : Moderate,	Area Afj	fected : 30%			
	Location: Bulging Ar	nd Protruding Joi	nt Filler	· Throughout			
Primary Member							
Steel	100%		LIFE	* *	2-8	\$2,498,700	A
	Corrosion, Extent : Lig	ht, Area Affected	: 2%				
	Location: At Joints T	hroughout					
	Other Observation, Ext	ent : Light, Area	Affected	! : 100%			
	Location : Throughou	· ·	55				
	Explanation : Minor I	Pitting And Peeli	ng Paint				
Secondary Member	•						
Steel	100%		LIFE	* *	2-8	\$2,093,200	В
	Other Observation, Ext	ent : Moderate, A	rea Affe	ected : 20%		, , ,	
	Location : Throughou	rt .	00				
	Explanation : Minor I	Pitting And Peeli	ng Paint				

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/AMTRAK & LIRR YARD

Address : 39TH ST SO, NORTHERN-SKILLMAN

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0074.000 / 2498 Yr Built/Renovated : 1911 /

Area Sq Ft : 32,550 Project Type : HIGHWAY BRIDGES

Date of Survey : 25-Jul-2011 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$221,100	\$408,000
Total	\$221,100	\$408,000
Priority C	\$221,100	\$408,000
Total	\$221,100	\$408,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$36,400		\$3,400	
Total	\$36,400		\$3,400	
Priority A	\$30,200		\$1,100	
Priority C	\$6,300		\$2,400	
Total	\$36,400		\$3,400	



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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/AMTRAK & LIRR YARD

Bridge Structure		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck	10070							
Generic	Location Misaligned	: Both Abuti	t, Area Affected : ments xtent : Light, Are		* * d : 5%			В
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			В
Pedestals Not Accessible	100%							D
Stem (breastwall) Not Accessible	100%							D
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			C
Walls								
Concrete	100%			LIFE	* *			C
Approaches								
Pavement								
Asphalt		4+ tent : Moder : Random	\$40,800 rate, Area Affecte	2024 ed : 20%	\$408,000	4	\$9,600	С
Concrete		4+ tent : Light, : Random	\$106,000 Area Affected : I	2032	**	4	\$36,700	С
Curbs								
Concrete w/ Steel Face		4+ Extent: Sev : Throughou	\$4,500 vere, Area Affecto ut	LIFE ed: 40%	* *			A
Embankment								
Not Accessible	100%							D

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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/AMTRAK & LIRR YARD

Asset #: 2498

Bridge Structure	Current Repair		Future Replacement		Maintenance			
system Component Type	, , , , , ,	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
pproaches								
Guide Railing						_		
Concrete	Location :	: Random	Area Affected : 5 ent : Light, Area		**	4		A
		: Throughou on : Peeling						
Steel	100%			LIFE	* *	2-8	\$9,900	Α
Mat (scour & erosion)							1- 7	
Earth	100%			LIFE	* *			Α
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100% Cracks, Ext	4+ tent : Light, 1	\$5,100 Area Affected : 2	LIFE	* *			C
	Location :	: Random						
	Vegetation	Growth, Ext	ent : Severe, Are	a Affecte	ed : 40%			
	Location:	: Throughou	t					
ers								
Cap Beam								
Not Accessible	100%							D
Pier,Columns								
Not Accessible	100%							D
Stem,Solid Pier								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								_
Not Accessible	100%							D
Mat (scour & erosion)	1000/				de de			
Earth	100%			LIFE	* *			A
Pedestals	1000/							Б
Not Accessible	100%							D
eck Elements								
Curbs Concrete w/ Steel Face		4+ Extent : Seve : Throughou	\$25,700 ere, Area Affecte t	LIFE ed : 40%	* *			A
Mono Deck Surface	_							_
Concrete	80%			2043	* *	5	\$4,800	C
Concrete			\$1,200 ate, Area Affecte Cracks Through		* *	5	\$2,400	С

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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/AMTRAK & LIRR YARD

Bridge Structure	Current Repair	Future Repl	acement	M	aintenance		
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estim FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Deck Elements							
Railings/Parapets							
Concrete	100%	2032	* *	4		A	
	Cracks, Extent : Light, Area Affected	d : 5%					
	Location: Random						
	Other Observation, Extent: Severe,	Area Affected : 80%	%				
	Location: Throughout						
	Explanation: Peeling Paint And G	Fraffiti					
Steel	100%	LIFE	* *	2-8	\$22,300	A	
Sidewalks							
Concrete	100% 4+ \$74,30	0 2028	* *	5	\$10,800	C	
	Cracks, Extent: Light, Area Affected: 5%						
	Location: Random						
	Cracking/Crumbling, Extent: Mode	rate, Area Affected	: 20%				
	Location: At Interface With Curb						
Superstructure							
Deck,Structural							
Not Accessible	100%					D	
Joints							
Generic	100%	LIFE	* *			C	
	Leakage, Extent : Light, Area Affected : 10%						
	Location: Both Abutments						
	Misaligned/Bulging, Extent: Light, A	Area Affected : 10%	6				
	Location: Random						
Primary Member							
Not Accessible	100%					D	
Secondary Member							
Not Accessible	100%					D	

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS

Address : 39TH ST NO, NORTHERN-SKILLMAN

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0073.000 / 2497 Yr Built/Renovated : 1910 /

Area Sq Ft : 45,446 Project Type : HIGHWAY BRIDGES

Date of Survey : 25-Jul-2011 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$847,700	\$1,823,000
Total	\$847,700	\$1,823,000
Priority A	\$78,200	\$22,300
Priority C	\$769,500	\$1,800,700
Total	\$847,700	\$1,823,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$15,100		\$2,900	
Total	\$15,100		\$2,900	
Priority A Priority C	\$15,100		\$2,900	
Total	\$15,100		\$2,900	



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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS

Asset #: 2497

Bridge Seat&pedestals Not Accessible 100% D Backwall Not Accessible 100% D Brngs, Ancr Blts, Pads Not Accessible 100% D Footings Not Accessible 100% D Joint with Deck D Leakage, Extent : Light, Area Affected : 10% B Leakage, Extent : Light, Area Affected : 10% Location : Both Abutments B Misaligned/Bulging, Extent : Light, Area Affected : 10% Location : Random B Mat (scour & erosion) Earth 100% LIFE ** B Riprap 100% LIFE * B Pedestals Not Accessible 100% D Stem (breastwall) Not Accessible 100% D	Bridge Structure		Current R	epair	Futur	e Replacement	M	aintenance	
Bridge Seatekpedestals Not Accessible 100% D	Component			Estimated Cost		Estimated Cost	•	Estimated Cost	
Not Accessible 100%	Abutments								
Backwall Not Accessible 100% D									
Not Accessible		100%							D
Brings, Ancr Blts, Pads Not Accessible 100% D		400							_
Not Accessible 100%		100%							D
Footings		1000/							Ъ
Not Accessible 100%		100%							<u> </u>
Joint with Deck Generic 100% LIFE * * * B Leakage, Extent : Light, Area Affected : 10% Location : Both Abutments Misaligned Bulging, Extent : Light, Area Affected : 10% Location : Random		100%							D
Generic 100% LIFE ** B		100%							<u> </u>
Leakage, Extent : Light, Area Affected : 10% Location : Both Abutments		100%			LIFE	* *			R
Location : Both Abutments Misaligned Bulging, Extent : Light, Area Affected : 10% Location : Random	Generic		Extent : Ligh	nt. Area Affected :					D
Misaligned/Bulging, Extent: Light, Area Affected: 10% Location: Random		_	_						
Mat (scour & erosion) Earth		Misaligne	d/Bulging, E		a Affecte	d: 10%			
Earth 100% LIFE ** B Riprap 100% LIFE ** B Pedestals	Mat (scour & erosion)	Location	. Itanaom						
Riprap 100% LIFE ** B	*	100%			LIFE	* *			В
Pedestals Not Accessible 100% D						* *			
Not Accessible 100% D									
Not Accessible 100%		100%							D
Not Accessible 100%	Stem (breastwall)								
Not Accessible 100% LIFE ** C	Not Accessible	100%							D
Not Accessible 100%	Wingwalls								
Mat (scour & erosion) Riprap 100% LIFE **									
Riprap 100% LIFE ** C	·	100%							D
Walls Not Accessible 100% D Approaches Pavement Spanned 4 \$136,400 \$2024 \$1,363,900 \$4 \$19,200 \$C \$1,363,900 \$4 \$1,363,900 \$4 \$19,200 \$C \$1,363,900 \$4 \$1,363,900 \$4 \$19,200 \$C \$1,363,900 \$4	•								_
Not Accessible 100% D		100%			LIFE	* *			<u>C</u>
Approaches Pavement Asphalt 100% 4+ \$136,400 2024 \$1,363,900 4 \$19,200 C Cracks, Extent: Moderate, Area Affected: 20% Location: Random Spalling, Extent: Light, Area Affected: 5% Location: At Joint At South Abutment Concrete 100% 4+ \$89,100 2032 ** 4 \$30,800 C Cracks, Extent: Light, Area Affected: 10% Location: Random Curbs Concrete w/ Steel Face 100% 4+ \$3,600 LIFE ** Corrosion, Extent: Severe, Area Affected: 40% Location: Throughout Embankment		1000/							ъ
Pavement		100%							D
Asphalt									
Cracks, Extent: Moderate, Area Affected: 20% Location: Random Spalling, Extent: Light, Area Affected: 5% Location: At Joint At South Abutment Concrete 100% 4+ \$89,100 2032 ** 4 \$30,800 C Cracks, Extent: Light, Area Affected: 10% Location: Random Curbs Concrete w/ Steel Face 100% 4+ \$3,600 LIFE ** Corrosion, Extent: Severe, Area Affected: 40% Location: Throughout Embankment		100%	4 +	\$136.400	2024	\$1 363 000	4	\$10,200	C
	Asphan					\$1,303,900	4	\$19,200	C
$Spalling, Extent: Light, Area Affected: 5\%\\ Location: At Joint At South Abutment$ $Concrete $				raic, mea myceic	.4.2070				
Location : At Joint At South Abutment				nt. Area Affected :	5%				
Concrete 100% 4+ \$89,100 2032 ** 4 \$30,800 C									
Cracks, Extent: Light, Area Affected: 10% Location: Random Curbs Concrete w/ Steel Face 100% 4+ \$3,600 LIFE ** A Corrosion, Extent: Severe, Area Affected: 40% Location: Throughout	Concrete					* *	1	\$30.800	С
Curbs Concrete w/ Steel Face 100% 4+ \$3,600 LIFE ** A Corrosion, Extent: Severe, Area Affected: 40% Location: Throughout Embankment	Concrete		• •	. ,			7	Ψ30,000	C
Concrete w/ Steel Face 100% 4+ \$3,600 LIFE ** A Corrosion, Extent: Severe, Area Affected: 40% Location: Throughout Embankment			_	, 33					
Concrete w/ Steel Face 100% 4+ \$3,600 LIFE ** A Corrosion, Extent: Severe, Area Affected: 40% Location: Throughout Embankment	Curbs		<u> </u>						
Corrosion, Extent : Severe, Area Affected : 40% Location : Throughout Embankment		100%	4+	\$3,600	LIFE	* *			A
Embankment		Corrosion	, Extent : Se		ed : 40%				
		Location	: Througho	put					
Not Accessible 100% D	Embankment								
	Not Accessible	100%							D

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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS

Asset #: 2497

idge Structure Current R		air Futu	M			
ystem Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
pproaches	-	•				
Guide Railing						
Concrete	100%	2032	* *	4		Α
	Cracks, Extent: Light, A. Location: Random					
	Other Observation, Exter	ıt : Light, Area Affected	d: 80%			
	Location: Throughout					
	Explanation: Peeling I	Paint				
Steel	100%	LIFE	* *	2-8	\$19,800	A
Mat (scour & erosion)						
Earth	100%	LIFE	* *			A
Riprap	100%	LIFE	* *			A
Pavement Base						
Not Accessible	100%					D
Sidewalks						
Concrete	100% 4+	\$72,900 LIFE	* *			C
	Cracks, Extent: Light, A.	rea Affected : 2%				
	Location: Random					
	Vegetation Growth, Exter	nt : Severe, Area Affect	ed : 40%			
	Location: Throughout					
	Other Observation, Exter	ıt : Light, Area Affecte	d: 100%			
	Location : In Sidewalk	At Southwest Approach	i			
	Explanation: Water Me	ain With Missing Cove	r			
ers						
Cap Beam						
Not Accessible	100%					D
Pier,Columns						
Not Accessible	100%					D
Brngs,Ancr Blts,Pads						
Not Accessible	100%					D
Footings						
Not Accessible	100%					D
Mat (scour & erosion)						
Earth	100%	LIFE	* *			A
Pedestals						
Not Accessible	100%					D
eck Elements						
Curbs						
Concrete w/ Steel Face	100% 4+	\$78,200 LIFE	* *			Α
	Corrosion, Extent : Seven					
	Location: Throughout					
Mono Deck Surface	-					
Concrete	20% 4+	\$54,400 2043	* *	5	\$218,400	С
· · · · · ·	Cracks, Extent : Moderat		1	-	,	-
	Location : Transverse (
Concrete	80%	2043	* *	5	\$436,800	С
Coliciete	OU 70	2043		J	φ+30,000	

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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS

Bridge Structure	Current Repair	Future R	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Con Total (Years)	st Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements						
Railings/Parapets						
Concrete	100%	2032	* *	4	\$34,600	Α
	Cracks, Extent : Light, Area Affected	: 5%				
	Location: Random					
	Other Observation, Extent : Severe, A	Area Affected :	80%			
	Location: Throughout					
	Explanation: Peeling Paint And G	raffiti				
Steel	100%	LIFE	* *	2-8	\$68,000	A
Sidewalks						
Concrete	100% 4+ \$198,400		* *	5	\$28,800	C
	Cracks, Extent : Light, Area Affected	: 5%				
	Location: Random					
	Cracking/Crumbling, Extent: Light,	Area Affected .	: 10%			
	Location : At Interface With Curb					
Superstructure						
Deck,Structural						
Not Accessible	100%					D
Joints						
Generic	100%	LIFE	* *			C
	Leakage, Extent : Moderate, Area Affected : 20%					
	Location: Both Abutments					
	Misaligned/Bulging, Extent: Light, A	Area Affected :	5%			
	Location : Random					
Primary Member						
Not Accessible	100%					D
Secondary Member						
Not Accessible	100%					D

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK & LIRR YARD

Address : HONEYWELL,NORTHERN-SKILLMAN AV

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 104,561 Project Type : HIGHWAY BRIDGES

Date of Survey : 13-Nov-2013 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$109,300	\$22,000
Total	\$109,300	\$22,000
Priority A	\$22,000	\$22,000
Priority C	\$87,300	
Total	\$109,300	\$22,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$40,700		\$2,400	
Total	\$40,700		\$2,400	
Priority A	\$20,100		\$2,400	
Priority C	\$20,600			
Total	\$40,700		\$2,400	



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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK & LIRR YARD

Asset #: 2496

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	* *			В
Mat (scour & erosion) Not Accessible	100%			<u> </u>				D
Pedestals Not Accessible	100%							D
Stem (breastwall) Not Accessible	100%							D
Walls Not Accessible	100%							D
Wingwalls Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Not Accessible	100%							D
Approaches								
Pavement Asphalt	Location Settlement	: Through	ight, Area Affected		* *	4	\$16,300	С
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment Earth	100%			LIFE	* *			С
Mat (scour & erosion) Earth	100%			LIFE	* *			A
Sidewalks Concrete	100%			LIFE	* *			C
Piers								
Cap Beam Not Accessible	100%							D
Pier,Columns Not Accessible	100%							D

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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK & LIRR YARD

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers								
Stem,Solid Pier								_
Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$108,900	A
Sidewalks	400		* · · · · · · · · · · · · · · · · · · ·			_	*** ** * * * * * * * 	~
Concrete	100%	4+	\$87,300	2030	* *	5	\$31,700	C
		_	t, Area Affected : 5 Locations Through					
Wearing Surface								
Concrete	100%			2034	* *	5		C
Scupper								
Cast Iron	100%			LIFE	* *			C
			Extent : Light, Area	Affected	l : 100%			
		: Through						
	Explanat	tion : Total	Of 6 Scuppers					
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Joints								
Not Accessible	100%							D
Primary Member								
Not Accessible	100%							D
Secondary Member								
Not Accessible	100%							D

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK & LIRR YARD

Address : QUEENS BLVD, JACKSON-SKILLMAN

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0071.000 / 2495 Yr Built/Renovated : 1910 /

Area Sq Ft : 92,432 Project Type : HIGHWAY BRIDGES

Date of Survey : 13-Nov-2013 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$266,500	
Total	\$266,500	
Priority A	\$130,200	
Priority C	\$136,400	
Total	\$266,500	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$57,000		\$1,600	
Total	\$57,000		\$1,600	
Priority A	\$28,300		\$1,600	
Priority C	\$28,600			
Total	\$57,000		\$1,600	



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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK & LIRR YARD

Asset #: 2495

Bridge Structure		Current F	Repair	Future	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals	1000/							Ъ
Not Accessible Backwall	100%							D
Not Accessible	100%							D
Brngs, Ancr Blts, Pads	10070							
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			В
Mat (scour & erosion)	100							_
Earth	100%			LIFE	* *			В
Pedestals Not Accessible	100%							D
Stem (breastwall)	100%							<u> </u>
Not Accessible	100%							D
Walls	10070							
Not Accessible	100%							D
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			C
Piles	1000/							Ъ
Not Accessible Walls	100%							D
Not Accessible	100%							D
Approaches	10070							<u> </u>
Pavement								
Asphalt	100%	4+	\$28,600	2026	* *	4	\$8,100	C
-			t, Area Affected : 3	80%				
	Location	: Through	out					
Concrete	100%			2034	* *	4		С
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								_
Generic	100%			LIFE	* *			C
Mat (scour & erosion)	1000/			LIDE	* *			A
Earth Railings/Parapets	100%			LIFE	4- 4			A
Timber	100%			LIFE	* *			A
Sidewalks	100/0							
Concrete	100%			LIFE	* *			C
		ı Growth, E	Extent : Light, Area		: 2%			
	Location	: Random	Locations Through	hout				

Piers

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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK & LIRR YARD

Asset #: 2495

Bridge Structure	Curr	ent Repair	Future Repl	acement	М	aintenance	
System Component Type	% of Fail l Total (Yea	Date Estimated Cost ars)	Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers							
Cap Beam	40-						_
Not Accessible	100%						D
Pier, Columns	1000/						ъ
Not Accessible	100%						D
Stem,Solid Pier Not Accessible	100%						D
Brngs,Ancr Blts,Pads	10070						<u>D</u>
Not Accessible	100%						D
Footings	10070						
Not Accessible	100%						D
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A
Pedestals							
Not Accessible	100%						D
Deck Elements							_
Guide Railing	400						
Concrete	100% 4+	+,	2038	* *			A
		: Light, Area Affected : dom Locations Throug					
~ .		aom Locations Inroug		de de			
Steel	100%		LIFE	* *			<u>A</u>
Railings/Parapets Steel	100%		LIFE	* *	2-8	\$73,400	A
Sidewalks							
Concrete	100%		2030	* *	5	\$42,400	C
		yth, Extent : Light, Area					
W : G C	Location : Kan	dom Locations Throug	поит				
Wearing Surface Concrete	100%		2034	* *	5		С
Scupper	10070		20J 1		<u> </u>		
Cast Iron	100% 2-4	\$136,400	LIFE	* *			С
- 400 11 011		Extent : Moderate, Ar		%			~
		dom Locations Throug					
		on, Extent : Light, Area		6			
	Location: Thr	oughout					
	Explanation:	Total Of 24 Scuppers					
Superstructure							_
Deck,Structural	400						-
Not Accessible	100%						D
Joints	1000/						Ъ
Not Accessible	100%						D
Primary Member	1000/						D
Not Accessible	100%						D
Secondary Member Not Accessible	100%						D
Not Accessible	100%						<u> </u>

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD

Address : THOMSON AVE, JACKSON-SKILLMAN

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0070.000 / 2494 Yr Built/Renovated : 1908 /

Area Sq Ft : 59,840 Project Type : HIGHWAY BRIDGES

Date of Survey : 13-Nov-2013 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$297,000	
Total	\$297,000	
Priority A	\$36,000	
Priority C	\$261,000	
Total	\$297,000	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$40,500		\$12,900	\$14,700
Total	\$40,500		\$12,900	\$14,700
Priority A	\$28,900		\$12,900	
Priority C	\$11,600			\$14,700
Total	\$40,500		\$12,900	\$14,700



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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD

Asset #: 2494

Bridge Structure		Current R	Repair	Future Replacement Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							D
Backwall								
Not Accessible	100%							D
Brngs, Ancr Blts, Pads	400							_
Not Accessible	100%							D
Footings	1000/							-
Not Accessible	100%							D
Joint with Deck	1000/				* *			-
Generic	100%			LIFE	* *			В
Mat (scour & erosion)	1000/			LIPP	* *			D
Earth	100%			LIFE				В
Pedestals	1000/							Ъ
Not Accessible	100%							D
Stem (breastwall)	1000/							D
Not Accessible	100%							D
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion)	10070							<u> </u>
Earth	100%			LIFE	* *			C
Piles	10070			LIFE				
Not Accessible	100%							D
Walls	10070							
Not Accessible	100%							D
Approaches	10070							
Pavement								
Asphalt	100%	4+	\$11,600	2026	* *	4	\$63,700	C
1	Cracks, E.	xtent : Ligh	t, Area Affected : 2	20%			. ,	
	Location	: Through	out					
	Settlement	t, Extent : L	ight, Area Affectea	l : 10%				
	Location	: Random	Locations					
Concrete	100%	4+	\$140,900	2034	* *	4	\$243,900	С
			t, Area Affected : 5					
		: Random						
Curbs								
Concrete w/ Steel Face	100%	4+	\$36,000	LIFE	* *			A
		s, Extent : l	Moderate, Area Afj	fected : 7	0%			
	Location	: Through	out					
Embankment								
Earth	100%			LIFE	* *			C
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
			•					

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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD

Asset #: 2494

Bridge Structure	Current Repair		Future Replacement		Maintenance		
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches							
Railings/Parapets	1000/	фо. 7 00	2024	* *			
Concrete	100% 4+	\$8,700	2034	* *			Α
	Cracks, Extent: Lig	ni, Area Ajjeciea : 2 n Locations Throug					
G. 1		n Locations Inrough		* *			
Steel	100%		LIFE	* *			A
Sidewalks	1000/ 4	¢120 100	LIDD	* *			C
Concrete	100% 4+ Cracks, Extent : Lig	\$120,100	LIFE				С
	Location : Throug		070				
	Spalling, Extent: Li		50/				
	Location : Throug		370				
	Vegetation Growth,		Area Affa	octed · 30%			
	_	n Locations Through		cieu . 50/0			
Piers	Zoeumen i Itamaen	2000					
Cap Beam							
Not Accessible	100%						D
Pier, Columns							
Not Accessible	100%						D
Stem, Solid Pier							
Not Accessible	100%						D
Brngs,Ancr Blts,Pads							
Not Accessible	100%						D
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A
Pedestals							
Not Accessible	100%						D
Piles							
Not Accessible	100%						D
Deck Elements							
Curbs							
Concrete w/ Steel Face	100%		LIFE	* *			A
	Rust Stains, Extent :		fected : 6	0%			
	Location: Throug		4.00	1000/			
	Other Observation,	Extent : Light, Area	ı Affected	: 100%			
	Location:						
C : 1. P : 11	Explanation: Loc	ated On North Side					
Guide Railing	1000/		2020	* *			٨
Concrete	100%	Extent : Light A	2038				Α
	Other Observation, Location: North S		і Аујесіеа	. 10070			
		nae ecrete Barrier Acting	a As Guid	le Rail			
	<i>Ехринаціон</i> . Соп	Creie Duiriei Aciling	s As Gula	e Kuu			

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

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

DEPARTMENT OF TRANSPORTATION - 841 LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD

Bridge Structure	Current Repair	Future Repla	cement	M		
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year Estima FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements						
Railings/Parapets						
Concrete	100%	2034	* *	4	\$23,400	A
Steel	100%	LIFE	* *	2-8	\$52,400	A
	Other Observation, Extent .	: Light, Area Affected : 100%	ó			
	Location:					
	Explanation : Solid Vertic	cal Panels On Both Sides				
Sidewalks						
Concrete	100%	2030	* *	5	\$30,300	C
Wearing Surface						
Concrete	100%	2034	* *	5	\$29,500	C
Superstructure						
Deck,Structural						
Not Accessible	100%					D
Joints						
Not Accessible	100%					D
Primary Member						
Not Accessible	100%					D
Secondary Member						
Not Accessible	100%					D

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD

Address : WOODHAVEN BLVD

Borough : QUEENS Agency's Number : N/A

Area Sq Ft : 25,288 Project Type : HIGHWAY BRIDGES

Date of Survey : 11-Nov-2013 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$1,015,100	\$567,800
Total	\$1,015,100	\$567,800
Priority A	\$508,300	\$250,300
Priority B	\$429,800	\$250,300
Priority C	\$76,900	\$67,200
Total	\$1,015,100	\$567,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$168,300		\$50,200	
Total	\$168,300		\$50,200	
Priority A	\$83,500		\$25,100	
Priority B	\$58,200		\$25,100	
Priority C	\$26,600			
Total	\$168,300		\$50,200	



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

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

DEPARTMENT OF TRANSPORTATION - 841 LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD

Asset #: 2461

Bridge Structure	Current Ro	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals Concrete	100%		LIFE	* *			A
Backwall	10070		LIIT				Λ
Concrete	100% 4+ Cracks, Extent: Light, Location: Southwest Rust Stains, Extent: L	t Corner Of Bridg	e	* *			С
	Location : East Abut		u . 570				
	Spalling, Extent : Light Location : Througho						
Brngs,Ancr Blts,Pads							
Generic	100% Rust Stains, Extent : L Location : Througho		LIFE d : 5%	* *			A
Footings							
Not Accessible	100%						D
Joint with Deck	1000/			* *			
Generic	100%		LIFE	* *			В
Pedestals Concrete	100%		LIFE	* *			A
Stem (breastwall)	10070		- LII L				
Concrete	100% 4+ Cracks, Extent : Light, Location : East Abut		LIFE	* *			В
	Other Observation, Ex Location : Northeast	ctent : Light, Area Corner					
****	Explanation: Mason	ıry Facade Exhibi	ting Min	or Mortar Loss An	d Vegeta	tion Growth	
Wingwalls Piles Not Accessible	100%						D
Walls	10070						<u> </u>
Concrete	100% 4+ Cracks, Extent: Light, Location: End Abuti Other Observation, Ex	ment		* * ! : 100%			С
	Location: End Abuta Explanation: Concr						
Approaches							
Pavement Concrete	100% 4+ Cracks, Extent : Light, Location : Througho		2034	* *	4	\$38,500	С
Embankment Earth	100%		LIFE	**			С
Mat (scour & erosion) Earth	100%		LIFE	* *			A

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

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

DEPARTMENT OF TRANSPORTATION - 841 LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD

Asset #: 2461

Bridge Structure	Current Repair	Futur	Future Replacement		re Replacement Maintenance		aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Approaches								
Railings/Parapets Concrete	100%	2034	* *			٨		
Piers	100%	2034				A		
Stem,Solid Pier								
Concrete	100% 4+ \$	5179,500 LIFE	* *			В		
	Cracks, Extent : Moderate, A	· ·						
	Location: Throughout							
	Spalling, Extent : Light, Area	a Affected : 2%						
	Location : East Face Of Pi	er						
Brngs,Ancr Blts,Pads								
Generic	100%	LIFE	* *			Α		
	Rust Stains, Extent : Light, A							
	Location : Random Location	ons Throughout						
Footings	1000/					-		
Not Accessible	100%					D		
Pedestals	1000/	LIDE	* *			D		
Concrete	100%	LIFE	7. 7.			В		
Piles Not Accessible	100%					D		
eck Elements	10070							
Mono Deck Surface								
Concrete	100% 4+	\$39,900 2045	* *	5	\$67,200	C		
	Cracks, Extent : Light, Area				, ,			
	Location : Throughout							
Railings/Parapets								
Concrete	100%	2034	* *	4		A		
	Other Observation, Extent:	-	! : 5%					
	Location : Random Location	=						
	Explanation : Vegetation C	Growth						
uperstructure								
Deck,Structural	100% 4+ \$	258,000 LIFE	* *	5	\$27,800	٨		
Concrete	100% 4+ \$ Cracks, Extent : Light, Area	· ·		3	\$27,000	A		
	Location : Fascia Overhan		•					
	Rust Stains, Extent: Light, A							
	Location : Underside Of St							
	Other Observation, Extent:		! : 100%					
	Location : All Bays Except							
	Explanation : Covered By .		s, Some Corroded	Areas Wi	th Efflorescence			
Joints	·							
Not Accessible	100%					D		
Primary Member								
Steel	100%	LIFE	* *	2-8	\$801,300	A		
Secondary Member								
Steel	100%	LIFE	* *	2-8	\$687,500	В		
			·		·			

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

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : LONGWOOD AVE. BRIDGE

Address : LONGWOOD AVE. / AMTRAK RAILS

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0180.000 / 13714 Yr Built/Renovated : 1908 /

Area Sq Ft : 10,625 Project Type : HIGHWAY BRIDGES

Date of Survey : 17-Dec-2012 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$498,900
Total		\$498,900
Priority C		\$498,900
Total		\$498,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$98,800		\$200	
Total	\$98,800		\$200	
Priority A	\$4,500		\$200	
Priority B	\$14,200			
Priority C	\$80,100			
Total	\$98,800		\$200	



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

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

DEPARTMENT OF TRANSPORTATION - 841 LONGWOOD AVE. BRIDGE

Asset #: 13714

Bridge Structure	Current R	epair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals							
Not Accessible	100%						D
Backwall							
Not Accessible	100%						D
Brngs, Ancr Blts, Pads							
Not Accessible	100%						D
Footings							
Not Accessible	100%						D
Joint with Deck							
Generic	100% 4+	\$14,200	LIFE	* *			В
	Loose Elements, Exter		fected : 10	0%			
	Location: Both Abu						
	Other Observation, E.	xtent : Moderate, .	Area Affec	ted : 20%			
	Location: Both Abu	tments					
	Explanation : Deter	iorated Joint Mem	brane				
Mat (scour & erosion)							
Earth	100%		LIFE	* *			В
Pedestals							
Not Accessible	100%						D
Stem (breastwall)							
Not Accessible	100%						D
Wingwalls							
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Earth	100%		LIFE	* *			C
Piles							
Not Accessible	100%						D
Walls							
Concrete	10% 4+	\$21,100	LIFE	* *			C
	Cracks, Extent : Light	, Area Affected : 1	10%				
	Location: Both Abu	tments					
	Efflorescence, Extent	: Light, Area Affe	cted : 10%	í			
	Location: Both Abu	tments					
Concrete	90%		LIFE	* *			С
A norman has	, , , ,						

Approaches

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

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

DEPARTMENT OF TRANSPORTATION - 841 LONGWOOD AVE. BRIDGE

Asset #: 13714

Pavement	Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
Pavement	Component			Estimated Cost		Estimated Cost	•	Estimated Cost	
Asphalt 100% 4+ \$24,900 2025 \$498,900 4 \$10,900 C	Approaches								
Cracks, Extent: Moderate, Area Affected: 15% Location: Throughout		1000/	4.	\$24,000	2025	\$408,000	1	\$10,000	C
Location : Throughout Settlement, Extent : Light, Area Affected : 10% Location : Random Locations Other Observation, Extent : Light, Area Affected : 100% Location : Both Approaches Explanation : Consists Of 20 Percent Asphalt And 80 Percent Concrete	Aspnait					\$498,900	4	\$10,900	C
Settlement, Extent: Light, Area Affected: 10% Location: Random Locations Location: Both Approaches Explanation: Consists Of 20 Percent Asphalt And 80 Percent Concrete					u . 15/0				
Location : Random Locations Other Observation, Extent : Light, Area Affected : 100% Location : Both Approaches Explanation : Consists Of 20 Percent Asphalt And 80 Percent Concrete 100%			_		1: 10%				
Location : Both Approaches Explanation : Consists Of 20 Percent Asphalt And 80 Percent Concrete									
Location : Both Approaches Explanation : Consists Of 20 Percent Asphalt And 80 Percent Concrete		Other Obs	servation, E	xtent : Light, Area	Affected	: 100%			
Concrete									
Cracks, Extent: Light, Area Affected: 5% Location: Both Abutments Life **		Explana	tion : Const	sts Of 20 Percent A	Asphalt A	And 80 Percent Con	ncrete		
Cracks, Extent: Light, Area Affected: 5% Location: Both Abutments Life **	Concrete	100%	4+	\$15,500	2033	* *	4	\$41,600	С
Curbs			xtent : Ligh		5%				
Concrete w/ Steel Face 100%		Location	ı : Both Abı	ıtments					
Embankment	Curbs								
Earth	Concrete w/ Steel Face	100%			LIFE	* *			A
Mat (scour & erosion)	Embankment								
Earth 100% LIFE ** A		100%			LIFE	* *			C
Sidewalks									
Concrete		100%			LIFE	* *			<u>A</u>
Concider		1000/				ماد ماد			a
Location : Throughout Vegetation Growth, Extent : Light, Area Affected : 5% Location : Northeast Approach	Concrete			4 A A CC4 - 1 . 5		* *			C
Vegetation Growth, Extent: Light, Area Affected: 5% Location: Northeast Approach					0%0				
Piers Cap Beam Not Accessible 100% D			_		Affactad	1 . 50/			
Cap Beam Not Accessible 100% D Stem, Solid Pier Not Accessible 100% D Brngs, Ancr Blts, Pads D D Not Accessible 100% D Mat (scourse erosion) D D Not Accessible 100% D Pedestals D D Piles Not Accessible 100% D Piles D D Deck Elements Curbs D Concrete w/ Steel Face 100% LIFE *** A		_		_	Ајјестеи	. 570			
Not Accessible 100% D	Piers								
Stem, Solid Pier	Cap Beam								
Not Accessible 100% D Brngs,Ancr Blts,Pads D Not Accessible 100% D Footings Not Accessible 100% D Mat (scour & erosion) D D Not Accessible 100% D Pedestals Not Accessible 100% D Piles Not Accessible 100% D Deck Elements Curbs D Concrete w/ Steel Face 100% LIFE *** A		100%							D
Brngs, Ancr Blts, Pads									
Not Accessible 100% D		100%							D
Footings		1000/							ъ.
Not Accessible 100% D Mat (scour & erosion) Not Accessible 100% D Pedestals Not Accessible 100% D Piles Not Accessible 100% D Deck Elements Curbs Concrete w/ Steel Face 100% LIFE * * * A		100%							<u>D</u>
Mat (scour & erosion) D Not Accessible 100% D Pedestals Not Accessible D Piles Not Accessible D Not Accessible 100% D Deck Elements Curbs Concrete w/ Steel Face 100% LIFE * * A	•	1000/							D
Not Accessible 100% D Pedestals Not Accessible 100% D Piles Not Accessible 100% D Deck Elements Curbs Concrete w/ Steel Face 100% LIFE ** A	·	100%							<u>D</u>
Pedestals	,	100%							D
Not Accessible 100% D Piles Not Accessible 100% D Deck Elements Curbs Concrete w/ Steel Face 100% LIFE * * A		10070							
Piles Not Accessible 100% D Deck Elements Curbs Concrete w/ Steel Face 100% LIFE * * A		100%							D
Not Accessible 100% Deck Elements Curbs Concrete w/ Steel Face 100% LIFE ** A	-	20070							
Deck Elements Curbs Concrete w/ Steel Face 100% LIFE ** A		100%							D
Curbs Concrete w/ Steel Face 100% LIFE ** A	Deck Elements								
	Concrete w/ Steel Face					* *			A
Cracks, Extent: Light, Area Affected: 5%					5%				
Location: Throughout		Location	: Through	out					

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

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

DEPARTMENT OF TRANSPORTATION - 841 LONGWOOD AVE. BRIDGE

Bridge Structure	Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Mono Deck Surface							
Concrete	100% 4+	\$11,500	2044	* *	5	\$28,700	C
	Cracks, Extent : Light,		0%				
	Location : Random L						
	Spalling, Extent : Ligh		5%				
	Location : Random L	ocations					
Railings/Parapets							
Concrete	100% 4+	\$4,500	2033	* *	4	\$3,100	Α
	Cracks, Extent: Light,	Area Affected: 2	2%				
	Location : North Par	rapet					
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location : Both Sides	S					
	Explanation: Parape	et Is Concrete Wit	h Corru	gated Steel			
Steel	100%		LIFE	* *	2-8	\$4,300	A
Sidewalks							
Concrete	100% 4+	\$7,000	2029	* *	5	\$3,900	C
	Cracks, Extent: Light,	Area Affected: 5	%				
	Location : Random L	ocations					
Superstructure							
Deck,Structural							
Not Accessible	100%						D
Joints							
Generic	100%		LIFE	* *			C
Primary Member							
Not Accessible	100%						D
Secondary Member							
Not Accessible	100%						D

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR

Address : E149TH ST, PARK AVE.

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0056.000 / 2481 Yr Built/Renovated : 1906 /

Area Sq Ft : 27,900 Project Type : HIGHWAY BRIDGES

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

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$38,400	\$1,094,800
Total	\$38,400	\$1,094,800
Priority A		\$276,100
Priority B		\$276,100
Priority C	\$38,400	\$542,500
Total	\$38,400	\$1,094,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$63,100	\$4,000	\$56,000	\$16,200
Total	\$63,100	\$4,000	\$56,000	\$16,200
Priority A	\$9,100		\$28,300	
Priority B	\$7,900		\$27,700	
Priority C	\$46,000	\$4,000		\$16,200
Total	\$63,100	\$4,000	\$56,000	\$16,200



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

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

DEPARTMENT OF TRANSPORTATION - 841 METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR

Bridge Structure		Current Repair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals Not Accessible	100%						D
Backwall	10070						
Not Accessible	100%						D
Brngs,Ancr Blts,Pads Not Accessible	100%						D
Footings							
Not Accessible	100%						D
Joint with Deck							
Generic	50%		LIFE	* *			В
Generic	50%	Now \$7,900	LIFE	* *			В
Generie		amaged Seal, Extent : Light,		ected : 10%			D
	_	: Both Joints Damaged, Sun					
Mat (scour & erosion)							
Not Accessible	100%						D
Pedestals	10070						
Not Accessible	100%						D
Stem (breastwall)	10070						
Not Accessible	100%						D
	10070						D
Vingwalls							
Footings Not Accessible	1000/						D
	100%						D
Mat (scour & erosion)	1000/		LIEE	* *			C
Earth	100%		LIFE				С
Piles Not Accessible	100%						D
Walls							
Not Accessible	100%						D
Approaches							
Pavement							
Asphalt	80%		2025	\$394,900	4	\$12,100	C
Asphalt	20%	4+ \$9,900	2025	\$98,700	4	\$8,100	C
•		xtent : Moderate, Area Affect	ed: 20%				
		: Deteriorated Area More S		East Side			
	Settlement	, Extent : Moderate, Area Af	fected : 10	0%			
		: East Abutment North Side					
Concrete	100%	4+ \$38,400	2033	* *	4	\$30,800	C
Concrete	Cracks, E.	xtent : Moderate, Area Affect			4	\$30,800	C
		: Both Approaches	1 20/				
		Extent : Moderate, Area Affec					
G 1	ьосапоп	: West Approach North Side	:				
Curbs	1005	4 4 500		* *			
Concrete w/ Steel Face	100%	4+ \$4,700	LIFE	* *			A
		xtent : Light, Area Affected :	10%				
		: Throughout					
		Extent : Light, Area Affected		_			
	Location	: East Side And West Side C	of North A	pproach			

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

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

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

DEPARTMENT OF TRANSPORTATION - 841 METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR

Asset #: 2481

Bridge Structure		Current I	Repair	Future Replacement Maintenance		aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Embankment	1000/							D
Not Accessible	100%							D
Guide Railing Steel	75%			LIFE	* *	2-8	\$2,900	A
Steel	25%	2-4	\$4,500	LIFE	* *	2-8	\$2,900	A
Steel			atent : Moderate, A		eted : 20%	2-0	\$2,900	Λ
	_	_	proach North Side					
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks								
Concrete	100%	4+	\$3,900	LIFE	* *			C
	Cracks, Ex	ctent : Ligh	t, Area Affected : I					
	Location	: Through	out					
	Spalling, I	Extent : Lig	ht, Area Affected :	5%				
	Location	: Southeas	st Sidewalk					
Piers								
Cap Beam								
Not Accessible	100%							D
Pier,Columns								
Not Accessible	100%							D
Stem, Solid Pier	100-							_
Not Accessible	100%							D
Brngs,Ancr Blts,Pads	1000/							
Not Accessible	100%							D
Footings	1000/							Ъ
Not Accessible	100%							D
Mat (scour & erosion)	1000/							D
Not Accessible Pedestals	100%							D
Not Accessible	100%							D
Deck Elements	10070							D
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Railings/Parapets	10070							
Steel	100%			LIFE	* *	2-8	\$11,900	A
		Extent : L	ight, Area Affected				. ,	
	Location	: Through	out					
Sidewalks								
Concrete	100%			2029	* *	5	\$32,400	C
	Cracks, Ex	ctent : Ligh	t, Area Affected : 1	10%				
	Location	: Random	Locations					
Wearing Surface								
Concrete	100%	4+	\$28,700	2033	* *	5	\$48,900	C
			t, Area Affected : 5	5%				
		: Random						
			ht, Area Affected :	2%				
	Location	: Near Ea	st Approach					

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

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

DEPARTMENT OF TRANSPORTATION - 841 METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR

Bridge Structure		Current Repair	Futu	ıre Replacement	M	aintenance	
System Component Type		Fail Date Estimated (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure							
Deck,Structural							
Not Accessible	100%						D
Joints							
Generic	100%	2-4 \$3	,500 LIFE	**			C
	Broken/Mis.	sing Element, Extent .	Moderate, A	rea Affected : 50%			
	Location:	Deteriorated Filler,	Only One Joir	t At Span 5.			
Primary Member							
Steel	100%		LIFE	**	2-8	\$515,800	A
	Other Obser	Other Observation, Extent : Light, Area Affected : 100%					
	Location:	Underside Of Deck					
	Explanatio	on : Not Accessible F	or Inspection.	Requires Railroad I	Flagman		
Secondary Member							
Steel	100%		LIFE	* *	2-8	\$432,100	В
	Other Observation, Extent : Light, Area Affected : 100%						
	Location :	· Underside Of Bridge					
	Explanatio	on : Not Accessible F	or Inspection.	Requires Railroad I	Flagman		

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

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR

Address : E241ST ST,BX RIV RD,CARPENTER

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0058.000 / 2483 Yr Built/Renovated : 1913 /

Area Sq Ft : 49,501 Project Type : HIGHWAY BRIDGES

Date of Survey : 13-Jul-2011 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$177,000	\$2,142,800
Total	\$177,000	\$2,142,800
Priority A		\$794,800
Priority B		\$899,700
Priority C	\$177,000	\$448,200
Total	\$177,000	\$2,142,800

EXPENSE	FY 2016	FY 2017 FY 2018	FY 2019
Bridge Structure	\$81,000	\$166,200	
Total	\$81,000	\$166,200	
Priority A		\$75,900	
Priority B		\$90,200	
Priority C	\$81,000		
Total	\$81,000	\$166,200	



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

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR

Asset #: 2483

Bridge Structure		Current F	Repair	Futur	e Replacement	ent Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments	•							
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			A
Backwall	1000/			LIFE	* *			C
Concrete Programmer Plta Pada	100%			LIFE				С
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			В
Mat (scour & erosion)	1000/			T TEE	ماد ماد			ъ
Generic	100%			LIFE	* *			В
		servation, E 1 : West Abi	Extent : Light, Area	<i>А</i> ЈЈестеа	: 100%			
		i . wesi Abi tion : Aspha						
Stem (breastwall)	Ехріини	ион . Азрис	ııı					
Concrete	100%			LIFE	* *			В
Concrete		xtent : Ligh	t, Area Affected : 2					,
		_	se Crack In East A					
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			C
			Extent : Light, Area					
			ljacent To Wingwo	ılls At Ea	st Abutment			
	Explana	tion : Aspho	alt					
Piles	1000/							ъ
Not Accessible	100%							D
Walls	1000/			LIDE	* *			C
Concrete Approaches	100%			LIFE				С
Pavement								
Asphalt	100%	4+	\$34,400	2024	\$343,600	4	\$5,100	C
Concrete	100%	4+	\$10,700	2032	**	4	\$18,500	C
Concrete			t, Area Affected : 2			•	Ψ10,200	C
		: Random	, 33					
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
			Extent : Light, Area	Affected	: 100%			
		ı : West App						
	Explana	tion : Earth	Embankment Is C	Only At Th	ne West Approach.			
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$6,200	A

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR

Asset #: 2483

Bridge Structure	Current Repair		Future Replacement		M			
System Component Type		ail Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
approaches								
Pavement Base Not Accessible	100%							D
Sidewalks Concrete	100% Cracks, Exte Location:	_	\$3,000 t, Area Affected : 2	LIFE	* *			С
iers								
Cap Beam Steel	-		t, Extent : Light, A			2-8	\$579,000	A
	Location :	Minor Pi	tting Throughout,	Recently	Rehabbed And Pa	inted		
Pier,Columns Steel	-		nt, Extent : Light,		* * ected : 100% Rehabbed And Pa	2-8	\$1,179,800	В
Stem, Solid Pier	Locuiton . I	minor I i	iling Throughout,	Кесениу	Kenabbea Ima I a	шеи		
Concrete	100%			LIFE	* *			В
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			A
Pedestals Not Accessible	100%							D
Deck Elements								
Curbs Concrete w/ Steel Face	100% Corrosion, E Location :		ight, Area Affected ing	LIFE !: 10%	* *			A
Railings/Parapets Steel	100%			LIFE	* *	2-8	\$42,300	A
Sidewalks	100%			LIII		2-0	\$42,300	А
Concrete		_	\$32,900 t, Area Affected : 5 ndom Map Crackin		* *	5	\$11,900	C
Wearing Surface Concrete	Location : . Spalling, Ext	Random ent : Ligi	\$71,400 t, Area Affected : 2 ht, Area Affected : Vestbound Lane		**	5	\$104,700	С
uperstructure			-					
Deck,Structural Concrete			: Light, Area Affeo ndom Cracks With			5	\$54,500	A

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR

Bridge Structure	Current	Current Repair Future Replacemen		e Replacement	Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
uperstructure								
Joints								
Generic	100% 0-2	\$105,600	LIFE	* *			C	
	Misaligned/Bulging,	Extent: Moderate,	Area Af	fected : 30%				
	Location : Numero	us Joint Fillers Are	Bulging	And Failed				
Primary Member								
Steel	100%		LIFE	* *	2-8	\$915,100	A	
	Recent Repair Evide	nt, Extent : Light, A	rea Affe	cted : 100%				
	Location: Minor P	itting Throughout,	Recently	Rehabbed And Pa	inted			
Secondary Member								
Steel	100%		LIFE	* *	2-8	\$766,600	В	
	Recent Repair Evident, Extent: Light, Area Affected: 100%							
	Location : Minor P	itting Throughout,	Recently	Rehabbed And Pa	inted			

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN

Address : 59TH ST - 72ND ST

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0076.090 / 4177 Yr Built/Renovated : 1931 /

Area Sq Ft : 307,370 Project Type : HIGHWAY BRIDGES

Date of Survey : 11-Jul-2011 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$28,464,200	\$6,907,500
Total	\$28,464,200	\$6,907,500
Priority A	\$26,454,500	\$3,154,300
Priority B	\$912,900	\$3,077,600
Priority C	\$1,096,800	\$675,700
Total	\$28,464,200	\$6,907,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$93,200		\$560,400	
Total	\$93,200		\$560,400	
Priority A	\$71,200		\$256,100	
Priority B	\$3,800		\$304,300	
Priority C	\$18,200			
Total	\$93,200		\$560,400	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN

Bridge Structure	Current Repair	Future Replacement		M	aintenance		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Abutments							
Bridge Seat&pedestals	100-1						
Concrete	100%	LIFE	* *			A	
Steel	100%	LIFE	**			A	
	Other Observation, Extent : Moderate, Location : End Abutment	Area Affectea	t : 100%				
		E. J. Al.					
Backwall	Explanation : Framed Into Girder At	Ena Abuimen					
Concrete	100%	LIFE	* *			С	
	100%	LIFE					
Brngs,Ancr Blts,Pads Steel	100% 4+ \$15,800	LIFE	* *			A	
Steel	Corrosion, Extent : Light, Area Affecte					А	
	Location: At The Begin Abutment.	u . 5/0					
Footings	Locuiton . In The Begin Hommen.						
Not Accessible	100%					D	
Joint with Deck	10070					<u> </u>	
Generic	100%	LIFE	* *			В	
Mat (scour & erosion)	10070	LILL					
Earth	100%	LIFE	* *			В	
Pedestals	10070	LH L				ь	
Concrete	100%	LIFE	* *			A	
Concrete	Other Observation, Extent: Moderate,		1: 100%			7.1	
	Location : Begin Abutment						
	Explanation : Concrete Pedestals At	Begin Abutme	ent				
Stem (breastwall)							
Concrete	100%	LIFE	* *			В	
Wingwalls							
Footings							
Not Accessible	100%					D	
Mat (scour & erosion)							
Earth	100%	LIFE	* *			C	
Walls							
Concrete	100%	LIFE	* *			C	
Approaches							
Pavement							
Concrete	100%	2032	* *	4	\$54,700	C	
Curbs							
Concrete	100%	LIFE	* *			A	
Pavement Base							
Not Accessible	100%					D	
Piers							
Cap Beam							
Concrete	100%	LIFE	* *			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.

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN

Asset #: 4177

Bridge Structure	Current Repair		Futur	e Replacement	Maintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Piers								
Pier,Columns Concrete Encased Steel	99% 4+ Cracks, Extent : Mod			* *	5	\$21,900	В	
	Location: Random	Along Column Fac						
Concrete Encased Steel	1% 4+ Cracks, Extent: Ligh Location: Crack Ar			* * t Top Of Column 4	5 At Pier 30	\$21,900	В	
Steel	100%	ia i ossibie Detami	LIFE	**	2-8	\$1,487,500	В	
Stem,Solid Pier	100%		LIFE		2-8	\$1,487,300	D	
Concrete	100%		LIFE	* *			В	
Brngs, Ancr Blts, Pads	10070		LIFE				ь	
Steel	100%		LIFE	* *	2-8	\$85,100	A	
Footings	10070		LIIL		2-0	ψ05,100	П	
Not Accessible	100%						D	
Mat (scour & erosion)	10070						ъ	
Earth	100%		LIFE	* *			A	
Deck Elements Median	10070							
Concrete	100%		LIFE	* *	5	\$40,500	A	
Mono Deck Surface								
Concrete	100%		2043	* *	5	\$1,351,300	C	
Railings/Parapets Concrete	100%		2032	* *	4	\$166,300	A	
Superstructure						•		
Deck,Structural								
Concrete	98%		LIFE	* *	5	\$279,900	A	
Concrete	2%		LIFE	* *	5	\$279,900	A	
	Corrosion, Extent : L	-						
	Location : Corrosio	n To S.I.P. Forms	In Severo	al Random Bays				
Joints								
Generic	100% 4+ Leakage, Extent : Mo Location : At Inside						С	
	Missing/Damaged Se Location : Over Sev			Affected : 50%				
	Rust Stains, Extent : I Location : At Inner							
Primary Member								
Steel	100% 4+	\$26,454,500	LIFE	* *	2-8	\$4,701,600	A	
	Corrosion, Extent : Moderate, Area Affected : 2% Location : Girders, Floor Beams, Web And Flanges At Deck Joints And Drainage Pipes							
	Loss of Section, Exter Location: Localized Deck Joints Other Observation, E	nt : Moderate, Ared d Areas At Connec	a Affected tion Of G	l : 2% Sirders To Floor B				
	Location : Through			. , 5 , 6				
	Explanation : Fade			To Light Rusting 1	Paint Sve	tem Is Failino		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN

Bridge Structure	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
Superstructure				
Secondary Member				
Steel	100% 4+ \$912,900	LIFE **	2-8 \$3,938,500	В
	Loss of Section, Extent : Moderate, Are	a Affected : 2%		
	Location: Web Stiffeners Of Girders	And Floor Beams And Steel	Brackets	
	Other Observation, Extent : Light, Area	Affected: 2%		
	Location : At Underside Of Deck At D	rainage Pipes Location		
	Explanation: Few Missing Drain Pip	e Tie Rods And Hangers Bu	t Not In Danger Of Falling	

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : NASSAU STREET BRIDGE B.Q.E./NASSAU STREET

Address : 278I

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 51,200 Project Type : HIGHWAY BRIDGES

Date of Survey : 20-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2230510

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$1,196,300	\$1,779,800
Total	\$1,196,300	\$1,779,800
Priority A	\$690,000	\$1,273,600
Priority B	\$506,300	\$506,300
Total	\$1,196,300	\$1,779,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$403,600	\$4,500	\$169,700	
Total	\$403,600	\$4,500	\$169,700	
Priority A	\$264,000		\$117,500	
Priority B	\$131,700		\$52,300	
Priority C	\$7,900	\$4,500		
Total	\$403,600	\$4,500	\$169,700	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 NASSAU STREET BRIDGE B.Q.E./NASSAU STREET

Asset #: 2451

Bridge Structure	Current Repair	Future Repla	cement	nt Maintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estima FY	tted Cost Cy (Y	cle Estimated Cost rs)	Priority Code	
Abutments						
Bridge Seat&pedestals						
Concrete	100%	LIFE	* *		A	
Backwall			ata ata		~	
Concrete	95% Other Observation, Extent: Light, A	LIFE Area Affected : 15%	* *		С	
	Location: Both Fascias	V: J.				
G	Explanation: Brick Facing 5 Ft V		* *			
Concrete	5% 4+ \$7,90 Cracks, Extent : Light, Area Affecte Location : At North Abutment		* *		С	
Brngs,Ancr Blts,Pads						
Steel	100%	LIFE	* *		A	
Footings						
Not Accessible	100%				D	
Joint with Deck						
Generic	100%	LIFE	* *		В	
Mat (scour & erosion) Generic	100%	LIFE	* *		В	
	Other Observation, Extent: Light, A Location: Begin Abutment	Area Affected : 50%				
	Explanation: Stone Pavers					
Pedestals	1000/	LIDE	* *			
Concrete	100% Other Observation, Extent: Modera				A	
	Location : At North Abutment Onl Explanation : Steel Bolster Bolted	-	nent			
Stem (breastwall)	•					
Concrete	5% 4+ \$12,30 Cracks, Extent : Light, Area Affecte		* *		В	
	Location: Throughout					
	Other Observation, Extent: Light, A Location: North And South Abutn					
	Explanation: Brick Facade					
Concrete	95%	LIFE	* *		В	
Wingwalls						
Footings						
Not Accessible	100%				D	
Mat (scour & erosion)						
Earth	100%	LIFE	* *		С	
Piles						
Not Accessible	100%				D	
Walls						
Concrete	100%	LIFE	* *		C	
	Other Observation, Extent: Light, A					
	Location : At North And South Ab	utments				
	Explanation: Brick Facade					

Approaches

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 NASSAU STREET BRIDGE B.Q.E./NASSAU STREET

Asset #: 2451

Bridge Structure		Current Repair Futu			Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches	•		-				
Pavement							
Asphalt	100%		2029	* *	4	\$13,500	C
Concrete	100%		2038	* *	4		С
Embankment							
Earth	100%		LIFE	* *			С
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A
Median							
Concrete	100%		LIFE	* *			A
Railings/Parapets							
Concrete	100%		2038	* *			Α
Steel	100%		LIFE	* *			A
Piers							
Cap Beam							
Steel	95%		LIFE	* *	2-8	\$287,100	A
Steel	5%	4+ \$2,300	LIFE	* *	2-8	\$171,600	A
	Rust Stain. Location	s, Extent : Light, Area Affecte : Pier 5	ed : 5%				
Pier,Columns							
Steel	100%		LIFE	* *	2-8	\$70,100	В
Brngs,Ancr Blts,Pads							
Generic	100%		LIFE	* *			A
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Generic	100%		LIFE	* *			A
	Other Obs	ervation, Extent : Light, Area	Affected :	100%			
	Location	: Throughout					
	Explanat	ion : Asphalt, Pavers And Co	ncrete				
Piles							
Not Accessible	100%						D
Deck Elements							
Median							
Concrete	100%		LIFE	* *	5	\$10,300	A
Mono Deck Surface							
Concrete	100%		2051	* *	5		C
Railings/Parapets							
Concrete	100%		2038	* *	4		A
Steel	100%		LIFE	* *	2-8	\$47,200	A
Scupper							
Cast Iron	100%		LIFE	* *			C
		ervation, Extent : Light, Area	Affected :	100%			
	Location	: Throughout					
	Englana	ion : Total Of 12 Scuppers					

Superstructure

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 NASSAU STREET BRIDGE B.Q.E./NASSAU STREET

ridge Structure	Current Re	pair	Future	Replacement	M	aintenance	
stem Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
perstructure							
Deck,Structural							
Concrete	90%		LIFE	* *	5	\$112,600	A
	Other Observation, Ex. Location : Fascias A Explanation : Metal I	nd Utility Bay	Affected	: 40%			
Concrete	10% 4+	\$28,200	LIFE	* *	5	\$56,300	A
	Cracks, Extent: Light,		2%				
	_	Location: Overhangs At Both Fascias And Along Construction Joints					
Joints							
Generic	100%		LIFE	* *			C
	Other Observation, Ex	tent : Light, Area	Affected	: 100%			
	Location : Throughou	ıt					
	Explanation: Armort	ess Joint					
Primary Member							
Steel	99%		LIFE	* *	2-8	\$1,620,800	A
Steel	1% 4+	\$53,200	LIFE	* *	2-8	\$945,600	A
	Corrosion, Extent : Mo	oderate, Area Affe	ected : 20	%			
	Location : At Ends O	f Beams At Piers					
Secondary Member							
Steel	100%		LIFE	* *	2-8	\$1,390,600	В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : NEREID AVENUE (2241880)

Address : EAST 238TH ST. / OVER BRONX RIVER PARKWAY

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0151.000 / 13514 Yr Built/Renovated : 1930 /

Area Sq Ft : 57,750 Project Type : HIGHWAY BRIDGES

Date of Survey : 19-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 1067150

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$1,204,300	\$2,153,800
Total	\$1,204,300	\$2,153,800
Priority A	\$758,700	\$1,618,800
Priority B	\$323,800	
Priority C	\$121,800	\$535,100
Total	\$1,204,300	\$2,153,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$106,900		\$1,200	
Total	\$106,900		\$1,200	
Priority A			\$1,200	
Priority B	\$20,800			
Priority C	\$86,100			
Total	\$106,900		\$1,200	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 NEREID AVENUE (2241880)

Bridge Structure	Current Repair		Future	e Replacement	M			
System Component Type		il Date Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
butments								
Footings Not Accessible	100%							D
Mat (scour & erosion)	10070							
Earth	100%			LIFE	* *			В
Stem (breastwall)								
Concrete	Location : F	Random 1			**			В
	Efflorescence Location : F		Light, Area Affec Locations	cted : 30%	6			
	Spalling, Exte Location : F		t, Area Affected : Locations	15%				
Concrete	99%			LIFE	* *			В
Vingwalls								
Footings	400							_
Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			С
Piles	100%			LIFE				
Not Accessible	100%							D
Walls	10070							
Concrete	15%	4+	\$28,300	LIFE	* *			C
	Cracks, Extended Location : T	_	Area Affected : 2 ut	20%				
	==		Light, Area Affed	cted : 30%	6			
	Location : F				50 (
	=		xtent : Light, Area ment South Side	Affected	: 5%			
Concrete	85%			LIFE	* *			С
tream Channel								
Bank Protection								
Generic	100%			LIFE	* *			C
Mat (scour & erosion)	1000/			LIEE	* *			
Generic	100%			LIFE	242 242			A
pproaches Pavement								
Asphalt	100%	4+	\$20,800	2025	\$415,900	4	\$9,800	C
Asphan			oderate, Area Affe				,,,,,,,,	
	Other Observ Location : V		tent : Light, Area roach	Affected	: 100%			
	Explanation	: Paven	ent Consists Of 5	0 Percen	t Asphalt And 50 F	Percent C	Concrete	
Concrete	100%	4+	\$13,500	2033	* *	4	\$39,000	С
	Cracks, Exten Location : V		rate, Area Affecte roach	ed: 10%				
Curbs	1000			1 100	J6. 1			
Concrete w/ Steel Face	100%			LIFE	* *			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.

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 NEREID AVENUE (2241880)

Asset #: 13514

Bridge Structure	Cu	Current Repair Future Replace		Futur	e Replacement	cement Maintenance			
System Component Type		l Date Es	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches									
Embankment	1000/			LIDE	* *			C	
Earth Cyida Bailing	100%			LIFE	* *			С	
Guide Railing Steel	100%			LIFE	* *	2-8	\$5,700	A	
Steel		ent : Ligh	t, Area Affected			2 0	ψ3,700	71	
		_	ach North Side						
Mat (scour & erosion)									
Earth	100%			LIFE	* *			A	
Sidewalks									
Concrete		l +	\$4,400	LIFE	* *			C	
			rea Affected : 1	10%					
D'	Location : Ro	anaom Lo	cations						
Piers Stem,Solid Pier									
Concrete	2% 4	l +	\$323,800	LIFE	* *			В	
			rea Affected : 7					-	
	Location : Th								
	Efflorescence,	Extent : N	Aoderate, Area	Affected .	: 100%				
	Location : Th	iroughout							
Concrete	98%			LIFE	* *			В	
Footings Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%			LIFE	* *			A	
Piles									
Not Accessible	100%							D	
Deck Elements									
Curbs Concrete w/ Steel Face	100%			LIFE	* *			٨	
Concrete w/ Steel Face			Extent : Light, A					A	
Railings/Parapets									
Steel	100%			LIFE	* *	2-8	\$28,900	A	
		_	t, Area Affected	! : 5%					
	Location : Ro								
			nt : Light, Area	Affected	: 100%				
	Location : Th								
Sidawalka	Explanation .	: Steel Ka	iling Without Po	arapets					
Sidewalks Concrete	100% 4	! +	\$19,100	2029	* *	5	\$11,600	С	
Concrete			rea Affected : 5			3	φ11,000	C	
	Location : Ro								
			Area Affected :	2%					
	Location : Ro								

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 NEREID AVENUE (2241880)

Bridge Structure	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estimat FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements						
Wearing Surface						
Concrete	100% 4+ \$121,		* *	5	\$119,200	C
	Cracks, Extent : Light, Area Affec	rted : 5%				
	Location: Random Locations					
	Spalling, Extent : Light, Area Affe	ected : 5%				
	Location: Random Locations					
Superstructure						
Primary Member						
Concrete	10% 4+ \$758,		* *	5	\$809,400	A
	Cracks, Extent : Moderate, Area	00				
	Location : Underside Of The Ar	ch Barrels				
	Efflorescence, Extent: Light, Area					
	Location : Underside Of The Ar	ch Barrels				
	Leakage, Extent : Light, Area Affe	Leakage, Extent : Light, Area Affected : 80%				
	Location: Random Locations A.	Location: Random Locations At The Arch Barrels				
	Recent Replace Evident, Extent:	Light, Area Affected : 80	0%			
	Location: Throughout					
	Other Observation, Extent: Mode	erate, Area Affected : 80	%			
	Location : Underside Of The Ar	ch Barrels				
	Explanation : Deteriorated Surf	ace With Steel Mesh Inst	talled			
Concrete	90%	LIFE	* *	5	\$809,400	A

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND

Address : NORTHERN BLVD. CROSS ISLAND PKWY.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0177.000 / 13711 Yr Built/Renovated :

Area Sq Ft : 8,951 Project Type : HIGHWAY BRIDGES

Date of Survey : 03-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2231870

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Bridge Structure	\$516,500	\$635,300	
Total	\$516,500	\$635,300	
Priority A		\$88,600	
Priority B	\$198,600	\$88,600	
Priority C	\$317,800	\$458,100	
Total	\$516,500	\$635,300	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$32,800		\$18,100	\$200
Total	\$32,800		\$18,100	\$200
Priority A	\$13,700		\$9,200	
Priority B			\$8,900	
Priority C	\$19,100			\$200
Total	\$32,800		\$18,100	\$200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND

Asset #: 13711

Bridge Structure	Cı	urrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments	•		•				
Bridge Seat&pedestals							
Concrete	100%		LIFE	* *			A
Backwall							
Concrete	100%		LIFE	* *			С
Brngs,Ancr Blts,Pads							
Elastomeric	100%		2044	* *			A
Footings							_
Not Accessible	100%						D
Joint with Deck	100-			de de			_
Generic	100%		LIFE	* *			В
Pedestals	1000/		LIPE	ታ ታ			
Concrete	100%		LIFE	* *			A
Stem (breastwall)	500/	4. \$1.65.500	LIPE	* *			D
Concrete		4+ \$165,500		4 4			В
		t : Moderate, Area Affec Begin Abutment	iea : 50%				
			LIPE	* *			D
Concrete		4+ \$33,100		* *			В
		t : Light, Area Affected : End Abutment	20%				
X7'	Locuiton . E	ana Abuimeni					
Wingwalls Footings							
Not Accessible	100%						D
Mat (scour & erosion)	10070						Ъ
Earth	100%		LIFE	* *			C
Piles	10070		- LII L				
Not Accessible	100%						D
Walls	10070						
Concrete	100%	4+ \$317,800	LIFE	* *			С
	Cracking/Cru	mbling, Extent : Light, A		ed : 2%			
	_	Cracking/ Crumbling Of I					
	Other Observ	ation, Extent : Light, Are	a Affected	: 100%			
	Location : B	Begin And End Wingwall	5				
	Explanation	: Wingwalls Are Concre	ete With St	one Facing			
Approaches							
Pavement							
Asphalt		4+ \$9,200		\$458,100	4	\$10,800	C
		t : Light, Area Affected :	50%				
		Both Approaches					
		ation, Extent : Light, Are	a Affected	: 100%			
		Both Approaches					
		: Consists Of 50 Percen			ncrete		
Concrete		4+ \$1,800		* *	4	\$5,100	C
		ent : Light, Area Affected	: 2%				
	Location : A	ll Approaches					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND

Asset #: 13711

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Curbs								
Concrete w/ Steel Face		4+ , Extent : L : Both App	\$5,400 ight, Area Affected proaches	LIFE !: 5%	* *			A
Embankment								
Earth	100%			LIFE	* *			С
Guide Railing								
Steel	_	4+ Railing, Ex : Begin Al	\$8,300 tent : Moderate, Ab putment	LIFE rea Affec	* * rted : 5%	2-8	\$5,800	A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks								
Concrete	Location Settlement	: Both App	ight, Area Affected		**			С
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			A
Pier,Columns								
Concrete	Location	: All Colu	Extent : Light, Area mns Columns Are Concr					В
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2044	* *			A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			A
Pedestals								
Concrete	100%			LIFE	* *			В
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs	1000/			TIDD	* *			٨
Concrete w/ Steel Face	100%			LIFE	~ *			A
Mono Deck Surface Concrete		_	\$5,400 t, Area Affected : 5 Locations Through		* *	5	\$14,300	С

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND

Current Repair	Future Replac	ement	М	aintenance	
% of Fail Date Estimat Total (Years)	ed Cost Year Estimat FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
100%	LIFE	* *	2-8	\$3,800	A
Other Observation, Extent : Li	ght, Area Affected : 100%				
Location: North And South S	Sides				
Explanation: Chain Link Fe	nce Behind Steel Bridge Ra	iling			
100%	2029	* *	5	\$400	C
100%	LIFE	* *			C
100%	LIFE	* *	5	\$9,900	A
Other Observation, Extent : Li	ght, Area Affected : 100%				
Location: Entire Deck					
Explanation: Bottom Covered	ed With Stay In Place Form	S			
100%	LIFE	* *			C
100%	LIFE	* *	2-8	\$165,500	A
100%	LIFE	* *	2-8	\$138,600	В
	% of Fail Date Estimate Total (Years) 100% Other Observation, Extent: Li Location: North And South S Explanation: Chain Link Fee 100% 100% Other Observation, Extent: Li Location: Entire Deck Explanation: Bottom Covere 100% 100%	% of Fail Date Estimated Cost Total (Years) LIFE Other Observation, Extent: Light, Area Affected: 100% Location: North And South Sides Explanation: Chain Link Fence Behind Steel Bridge Rail 100% LIFE LIFE 100% LIFE 100% LIFE LIFE 100% LIFE LIFE 100% LIFE	% of Total (Years) LIFE ** 100% LIFE ** Other Observation, Extent: Light, Area Affected: 100% Location: North And South Sides Explanation: Chain Link Fence Behind Steel Bridge Railing 100% LIFE ** 100% LIFE **	Year Estimated Cost Year Estimated Cost Cycle (Yrs)	Wof Total Cycle (Years) Sestimated Cost Cycle (Yrs)

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL

Address : E34TH ST-39TH ST

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0083.000 / 2512 Yr Built/Renovated : 1919 /

Area Sq Ft : 36,200 Project Type : HIGHWAY BRIDGES

Date of Survey : 20-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2246540

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$24,511,800	\$2,693,900
Total	\$24,511,800	\$2,693,900
Priority A	\$21,873,000	\$332,800
Priority B	\$848,900	
Priority C	\$1,789,900	\$2,361,100
Total	\$24,511,800	\$2,693,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$67,500		\$13,500	\$24,300
Total	\$67,500		\$13,500	\$24,300
Priority A	\$19,000		\$8,400	
Priority B	\$31,700		\$200	
Priority C	\$16,800		\$4,900	\$24,300
Total	\$67,500		\$13,500	\$24,300



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Bridge Structure		Current F	Repair	Futur	e Replacement	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Abutments							
Bridge Seat&pedestals Not Accessible	100%						D
Backwall	4.00		* 0.7.7.700		de de		~
Concrete	-	4+ Extent : Mo : Random	\$956,700 oderate, Area Affec	LIFE ted : 20%	* *		С
Brngs,Ancr Blts,Pads							
Not Accessible	100%						D
Footings Not Accessible	100%						D
Mat (scour & erosion)							
Generic	100%			LIFE	* *		В
Stem (breastwall) Concrete	100%	2-4	\$848,900	LIFE	* *		В
	Location Efflorescer Location Spalling, H	: Random nce, Extent : Random	nt, Area Affected : 1 : Light, Area Affected :	cted : 109	%		
Masonry: Sandstone	Location Efflorescer Location Leakage, 1 Location Other Obs Location	: South En nce, Extent : Random Extent : Lig : South En	: Light, Area Affected : ht, Area Affected : nd Extent : Light, Area	cted : 109			В
Masonry: Sandstone	80%			LIFE	* *		В
Wingwalls Footings							
Not Accessible	100%						D
Mat (scour & erosion) Generic	100%			LIFE	* *		С
Piles Not Accessible	100%						D

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2512

Bridge Structure	Curre	nt Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Wingwalls Walls							
Concrete	Location: Rand			* *			С
	Location : Defor	, Extent : Light, Area rmed Steel Railing On Moderate, Area Affec om	Top Of V	Vingwall			
	Other Observation Location: Rand Explanation: U		Affected	: 15%			
Granite	Location: Rand	evere, Area Affected . om ent : Moderate, Area		**			С
Q :	Location : South	n End	LIDE	* *			
Granite	Location : Top (n, Extent : Light, Area Of Wingwalls rnamental Granite Pa		: 100%			С
Approaches Pavement							
Asphalt	100% Settlement, Extent Location : Rand	: Light, Area Affected	2024 d: 10%	\$1,845,100	4	\$46,300	С
Curbs							
Concrete	100%		LIFE	* *			A
Concrete w/ Steel Face Granite	100% 100%		LIFE LIFE	* *			A
Grante	Settlement, Extent Location : Rand Spalling, Extent :	Moderate, Area Affec	ected : 20	%			A
	Location : Rand	om					
Guide Railing Steel	100%		LIFE	* *	2-8	\$81,300	A
Pavement Base Not Accessible	100%						D
Sidewalks	0.5						~
Concrete Concrete	95% 5% 4+ Cracks, Extent : L Location : Rand	\$300 ight, Area Affected : .	LIFE LIFE 10%	* *			C C

Deck Elements

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2512

ridge Structure		Current R	epair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ck Elements	•			•	•			
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			Α
Granite	95%			LIFE	* *			Α
Granite	5%	4+	\$16,600	LIFE	* *			Α
		_	ent, Extent : Light,	, Area A <u>f</u>	fected : 5%			
		: Random		• 00/				
			ight, Area Affected	l : 8%				
	Location	: Random						
Gratings	1000/				de de			
Steel	100%			LIFE	* *			A
Median	0.50/			TTEE	* *	_	#21 600	
Concrete	95%	. C E		LIFE		5	\$31,600	A
			xtent : Light, Area	і Ајјестес	l : 10%			
			Of Median Curb xtent : Light, Area	Affordad	1.750/			
		ervanon, E. 1 : Througho	· ·	Ајјестеа	1:7570			
		_	And Plants Are P	laced On	The Median			
					* * *	-	¢21.600	Α.
Concrete	5%	4+	\$2,500 , Area Affected : 8	LIFE	de de	5	\$31,600	A
		xieni . Ligni i : Random	, Агеа Ајјества . с	5/0				
Sec. 1		. Random		LIDE	* *	4.0		
Steel	100%			LIFE	the str	4-8		A
Railings/Parapets Granite	95%			LIFE	* *			٨
Granite	95% 5%	Now	\$128,100	LIFE	* *			A A
Granite			\$128,100 xtent : Light, Area					А
			t Corner Of Struct		. 10070			
					nt Of Failed Parap	et		
Steel	100%			LIFE	**	2-8	\$59,200	A
Sidewalks	10070			LIIL		2-0	\$37,200	А
Concrete	100%			2028	* *	5	\$9,800	C
Granite Paver	100%			LIFE	* *	5	Ψ2,000	C
Granite Taver		servation. E	xtent : Light, Area		l : 100%			C
		: North Fa		55				
	Explana	tion : Paver	Sidewalk At Nort	h Fascia				
Wearing Surface	1							
Asphalt	90%			2024	\$464,500	5	\$48,600	C
Asphalt	10%	4+	\$1,000	2024	\$51,600	5	\$24,300	C
	Cracks, E.	xtent : Light	, Area Affected : I	10%				
	Location	: Intersecti	ons					
			ight, Area Affected	d: 10%				
	Location	: Random						

Superstructure

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Bridge Structure	Current Repair	Future Replac	ement N	laintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ed Cost Year Estimat	ted Cost Cycle (Yrs)	Estimated Cost	Priority Code
uperstructure					
Deck,Structural					
Concrete	100% 4+ \$2,9	81,500 LIFE	* * 5	\$39,800	A
	Exposed Reinforcement, Exten Location : Random	t : Moderate, Area Affected	l : 15%		
	Spalling, Extent : Severe, Area	Affected: 40%			
	Location : Throughout				
	Other Observation, Extent : Li	ght, Area Affected : 100%			
	Location: Throughout				
	Explanation : Under Deck St Steel Corrugate.	eel Corrugate Is Used. The	re Are 5% Of Cor	rosion On The	
Primary Member					
Concrete	100%	LIFE	** 5	\$149,000	A
Steel	100% 4+ \$18,7	63,400 LIFE	* * 2-8	\$78,000	A
	Corrosion, Extent : Moderate,	Area Affected : 25%			
	Location: Random				
Secondary Member					
Steel	100% 4+ \$	15,900 LIFE	* * 2-8	\$2,900	В
	Loss of Section, Extent : Sever	e, Area Affected : 40%			
	Location : Random				

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : PEDESTRIAN BRIDGE E. 174ST. / 895IX

Address : E. 174ST,BRONX RIVER, I895

 Borough
 : BRONX
 Agency's Number
 : N/A

 Program / Asset #
 : DOT0005.0A0 / 2918
 Yr Built/Renovated
 : 1909 /

Area Sq Ft : 1,800 Project Type : HIGHWAY BRIDGES

Date of Survey : 04-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 206672A

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$100,000	
Total	\$100,000	
Priority A	\$57,700	
Priority C	\$42,300	
Total	\$100,000	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$110,100		\$5,900	
Total	\$110,100		\$5,900	
Priority A	\$76,000		\$2,800	
Priority B	\$28,300		\$2,200	
Priority C	\$5,700		\$900	
Total	\$110,100		\$5,900	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2918

Bridge Structure	Curre	nt Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Do Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals							
Concrete	100%		LIFE	* *			A
Backwall							
Concrete	100%		LIFE	* *			C
Brngs,Ancr Blts,Pads Steel	100% 4+	\$6,300	LIFE	* *			A
23001		: Light, Area Affected					
	Location: East						
Footings							
Not Accessible	100%						D
Joint with Deck							
Generic	100%		LIFE	* *			В
Mat (scour & erosion)							
Earth	100%		LIFE	* *			В
Pedestals							
Concrete	90%		LIFE	* *			A
Concrete	10% 4+	\$4,300	LIFE	* *			Α
	Spalling, Extent : Location : East	Light, Area Affected : Side Pedestal	10%				
Stem (breastwall)							
Concrete	100%		LIFE	* *			В
Wingwalls							
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Earth	100%		LIFE	* *			C
Piles							
Not Accessible	100%						D
Walls							
Concrete	100%		LIFE	* *			C
		n, Extent : Light, Area	Affected	: 100%			
	Location : Thro	aghout The Abutment					
	Explanation : W	ith Brick Veneer					
Approaches							
Pavement							
Concrete	100%		2034	* *	4	\$1,800	C
Curbs							
Granite	100% 4+	\$1,200	LIFE	* *			Α
	_	lement, Extent : Light,					
		Mortar Between Gran		S			
		ight, Area Affected : 1 om Locations Through					
Embankment	Locuiton . Kana	om Locanons Infough	wui				
Emoankment Earth	100%		LIFE	* *			С
	10070		LIII				
Mat (scour & erosion) Earth	100%		LIFE	* *			Α
Earui	100%		LILE				А

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Bridge Structure	Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches								
Railings/Parapets Steel	100% 4+	\$1,200	LIFE	* *			Α	
Steel	Corrosion, Extent : L						A	
	Location : At Parag	-	. 570					
Piers	1							
Cap Beam								
Steel	100%		LIFE	* *	2-8	\$13,800	A	
Pier,Columns								
Steel	100%		LIFE	* *	2-8	\$18,700	В	
Stem,Solid Pier								
Brick Veneer	100%		LIFE	* *			В	
Concrete	100%		LIFE	* *			В	
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : At Solid							
	Explanation: With	Brick Veneer						
Brngs, Ancr Blts, Pads								
Steel	100%		LIFE	* *	2-8	\$2,300	A	
Footings	400						_	
Not Accessible	100%						D	
Mat (scour & erosion)	1000/		LIDE	ماد ماد				
Earth	100%		LIFE	* *			A	
Pedestals	1000/		LIDE	* *			ъ	
Concrete	100%		LIFE				В	
	Other Observation, E Location : At Solid							
	Explanation : 4 Co		i brick v	eneer				
Deck Elements	Explanation . 4 Col	icreie Fedesiais						
Curbs								
Concrete	90%		2045	* *			Α	
Concrete	10% 0-2	\$21,600	2045	* *			A	
Concrete		' /		ected : 25%			• •	
	Other Observation, Extent : Moderate, Area Affected : 25% Location : Adjacent To Abutment							
	Explanation : Broke		Base Of I	Lightpole (1 Out O	f 4)			
Mono Deck Surface	•				-			
Concrete	70%		2045	* *	5	\$7,400	C	
Concrete	30% 4+	\$5,700	2045	* *	5	\$3,700	C	
	Cracks, Extent: Ligh							
	Location: Random	Locations Through	iout					

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Bridge Structure	Curre	nt Repair	Future Replacement Maintenance			aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost es)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Peck Elements							
Railings/Parapets		.			• •	40.700	
Steel		\$4,400 : Light, Area Affected	LIFE d : 5%	* *	2-8	\$8,500	A
C4 1	Location : At Ba		LIDE	* *	2.0	¢0.500	
Steel	Location : 2nd F Other Observation Location : 2nd F	\$4,900 Ilement, Extent : Light Ramp And 3rd Ramp I n, Extent : Severe, Ard Ramp And 3rd Ramp I orroded, Broken Raili	From Top ea Affecte From Top	fected : 1% d : 100%	2-8 a Bolts, A	\$8,500 nd/or Replaced By	A
Scupper	Titlet Wetas.						
Cast Iron	Location : All D Other Observation	\$42,300 Extent: Moderate, Ar rains Throughout The n, Extent: Light, Area ughout The Deck otal Of 9 Drains	Deck				С
uperstructure							
Deck,Structural							
Concrete	70%		LIFE	* *	5	\$4,000	A
Concrete	Location: Rand Efflorescence, Ext Location: Rand Spalling, Extent: Location: Rand Other Observation Location: Near	\$57,700 ight, Area Affected: om Locations Throug tent: Light, Area Affe om Locations Throug Light, Area Affected: om Locations Throug n, Extent: Light, Area Top Joint Along 147 nderside Of Deck Spacel Plates.	hout cted : 109 hout 10% hout a Affected Street Ma	: 2% iin Bridge	5 ers Cover	\$2,000 red By Steel Mesh	A
Joints							
Generic	100%		LIFE	* *			C
Primary Member Steel	100%		LIFE	* *	2-8	\$57,000	A
Secondary Member Steel	100%		LIFE	* *	2-8	\$48,900	В

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : PEDESTRIAN BRIDGE E. 174ST. / 895IX

Address : E. 174ST,BRONX RIVER, I895

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0005.0B0 / 2919 Yr Built/Renovated : 1909 /

Area Sq Ft : 1,900 Project Type : HIGHWAY BRIDGES

Date of Survey : 30-Oct-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 206672B

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$124,200		\$6,200	
Total	\$124,200		\$6,200	
Priority A	\$72,000		\$2,700	
Priority B	\$46,500		\$2,700	
Priority C	\$5,700		\$900	
Total	\$124,200		\$6,200	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2919

Bridge Structure	Current Repair	Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	mated Cost Year FY	Estimated Cost	Cycle Estimated (Yrs)	Cost Priority Code
Abutments					
Bridge Seat&pedestals					
Concrete	90%	LIFE	* *		A
Concrete	10% 4+	\$3,600 LIFE	* *		A
	Cracks, Extent : Light, Area				
	Location: Random Locat	o o			
	Spalling, Extent : Light, Ar				
	Location : Begin Abutmer	<u>it </u>			
Backwall	0004		de de		
Concrete	80%	LIFE	* *		C
Concrete	20% 4+	\$1,200 LIFE	* *		C
	Cracks, Extent : Light, Area				
	Location : Begin Abutmer	<u>1t</u>			
Brngs,Ancr Blts,Pads	500/	LIEE	* *		
Steel	50%	LIFE	* *		A
Steel	50% 4+	\$6,300 LIFE	* *		A
	Corrosion, Extent : Light, A Location : South Abutmer				
To divers	Location . South Abutmer	<u></u>			
Footings Not Accessible	1000/				Ъ
	100%				D
Joint with Deck	1000/	LIEE	* *		D
Generic	100%	LIFE			В
Mat (scour & erosion)	100%	LIFE	* *		В
Earth Pedestals	100%	LIFE			Б
Concrete	100%	LIFE	* *		٨
	100%	LIFE			A
Stem (breastwall) Concrete	100%	LIFE	* *		В
Concrete	Other Observation, Extent				Ъ
	Location:	. Бідні, Птей Пујестей	. 100/0		
	Explanation: With Brick	Veneer			
Wingwalls	Explanation : With Brick	veneer			
Footings					
Not Accessible	100%				D
Mat (scour & erosion)	10070				
Earth	100%	LIFE	* *		C
Piles					
Not Accessible	100%				D
Walls					
Concrete	100%	LIFE	* *		C
	Other Observation, Extent		: 100%		-
	Location : Begin Abutmer				
	Explanation : With Brick	Veneer And Three We	eep Holes On Each	Wall	
Approaches					
Pavement					

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2919

Bridge Structure	Current R	epair	Future	Replacement	M	aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
approaches								
Curbs	1000/			de de				
Granite	100%	1	LIFE	* *			Α	
	Cracks, Extent : Light Location : Random							
Mat (scour & erosion)								
Earth	100%		LIFE	* *			A	
Railings/Parapets								
Steel	100%		LIFE	**			A	
	Broken/Missing Elem	_			ъ .	v ord		
	Location: Missing I	Bolts At One Of Th	ie 4 Conn	ections Of Railing	Panels I	Near The		
	Northwest Corner Corrosion, Extent : Li	ight Area Affected	1 . 20%					
	Location : Random							
iers								
Cap Beam								
Steel	100%		LIFE	* *	2-8	\$13,800	A	
Pier,Columns								
Steel	65%		LIFE	* *	2-8	\$18,700	В	
Steel	35% 2-4	\$2,700	LIFE	* *	2-8	\$11,400	В	
	Corrosion, Extent: M	loderate, Area Affe	ected : 2%	, i				
	Location: Base Of	Center Pier						
Stem,Solid Pier								
Brick Veneer	100%		LIFE	* *			В	
Concrete	100%		LIFE	* *			В	
	Other Observation, E.	xtent : Light, Area	Affected .	100%				
	Location: South En	d Pier						
	Explanation: Conci	rete With Brick Ve	neer					
Brngs,Ancr Blts,Pads								
Steel	90%		LIFE	* *	2-8	\$2,300	A	
Steel	10% 2-4	\$11,300	LIFE	* *	2-8	\$1,400	A	
	Corrosion, Extent: M	loderate, Area Affe	ected : 50	%				
	Location : At Pier W	Vith Brick Veneer						
Footings								
Not Accessible	100%						D	
Mat (scour & erosion)								
Earth	100%		LIFE	* *			A	
Pedestals								
Concrete	50%		LIFE	* *			В	
	Other Observation, E.		Affected .	100%				
	Location: Bottom C	•						
	Explanation : Pedes	tal At Bottom Of T	The Pier C	olumn				
Concrete	50% 4+	\$14,200	LIFE	* *			В	
	Cracks, Extent : Light	t, Area Affected : 1	10%					
	Location: South En	d Pier						
	Spalling, Extent : Ligi	ht, Area Affected :	10%					
	Location: South En	d Pier						

Deck Elements

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 ${\it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2919

Bridge Structure	Current Repair	Future Replacement	Maintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle (Yrs)	Estimated Cost	Priority Code	
Deck Elements						
Curbs	000/	2045 *	ψ.			
Concrete	99%	2043			A	
Concrete	1% 4+ \$5,400 Cracks, Extent : Light, Area Affected : Location : Random Locations Throug	10%	•		A	
Mono Deck Surface						
Concrete	85% Recent Replace Evident, Extent : Light Location : Random Locations Throug		* 5	\$7,400	С	
Concrete	15% 4+ \$2,300 Cracks, Extent: Light, Area Affected: Location: Throughout	2045 * 10%	* 5	\$3,700	С	
Railings/Parapets						
Steel	100% Broken/Missing Element, Extent: Ligh Location: Missing Bolts Replaced B Corrosion, Extent: Light, Area Affecte Location: Random Locations Throug	y Fillet Weld Near Northed ed : 10%	2-0	\$13,800	A	
Scupper	Locuiton : Random Locuitons Throug	gnoui				
Ductile Iron	100% Other Observation, Extent: Moderate, Location: On Deck Explanation: 5 Total Scuppers; 50 F				С	
uperstructure	11 /	J 11	00			
Deck,Structural						
Concrete	80%	LIFE *	* 5	\$4,200	A	
Concrete	20% 4+ \$6,400 Cracks, Extent: Light, Area Affected: Location: Random Locations Throug Efflorescence, Extent: Light, Area Affe Location: Random Locations Throug Spalling, Extent: Light, Area Affected Location: Random Locations Throug	ghout ected : 10% ghout : 10%	* 5	\$2,100	A	
Joints						
Generic	50%	LIFE *			C	
Generic	50% 2-4 \$2,200 Broken/Missing Element, Extent: Light Location: Random Locations Throug	-	*		С	
Primary Member Steel	100%	LIFE *	* 2-8	\$60,200	A	
Secondary Member Steel	100%	LIFE *	* 2-8	\$51,700	В	

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST

Address : 79ST TO 91ST ST.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0031.070 / 2925 Yr Built/Renovated : 1942 /

Area Sq Ft : 93,000 Project Type : HIGHWAY BRIDGES

Date of Survey : 08-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2232167

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$7,251,600	\$2,168,900
Total	\$7,251,600	\$2,168,900
Priority A	\$6,254,400	\$373,700
Priority B	\$83,100	
Priority C	\$914,100	\$1,795,200
Total	\$7,251,600	\$2,168,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$114,500		\$45,700	
Total	\$114,500		\$45,700	
Priority A	\$48,800		\$44,800	
Priority B	\$38,500		\$1,000	
Priority C	\$27,200			
Total	\$114,500		\$45,700	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST

Asset #: 2925

Bridge Structure		Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion) Not Accessible	100%							D
Piles	10070							
Not Accessible	100%							D
Walls								
Granite	65%			LIFE	* *			С
Granite	35%	4+	\$13,600	LIFE	* *			C
			: Moderate, Area		: 25%			
			wo Courses Of Sto					
			ent : Moderate, Are		ed: 10%			
		: Through						
Stream Channel								
Bank Protection								
Riprap	100%			LIFE	* *			С
Pier Protection								
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	100%	4+	\$35,500	2026	* *	4	\$12,100	C
-	Cracks, E.	ctent : Ligh	t, Area Affected : 5	5%				
	Location	: Through	out					
Brick	100%	4+	\$41,800	2026	* *	4	\$1,536,800	С
Bilek			Extent : Light, Area		! : 10%	•	Ψ1,550,000	C
			Locations Through					
			ing Brick Pavers					
Guide Railing	2.vp terrer		ng Brien I areis					
Steel	75%			LIFE	* *	2-8	\$18,600	A
Steel	25%	4+	\$11,500	LIFE	* *	2-8	\$11,700	A
Steel			Ioderate, Area Affa		0%	20	Ψ11,700	
		: Through			. , •			
Sidewalks								
Masonry	100%			LIFE	* *			C
Titusoiii y		ervation. F	Extent : Light, Area		! : 15%			
		: Through	_	33 2130				
		ion : Crac						
Steel	75%			LIFE	* *			С
Steel	75% 25%	4+	\$13,600	LIFE	* *			C
Sicci			\$15,000 Moderate, Area Affa					C
			out Top Rail	cieu. I	7/0			
Pierc	Locuion	. Imough	on 10p Kun					

Piers

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST

Bridge Structure		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
iers	•							
Pier,Columns								
Concrete	90%			LIFE	* *			В
Concrete	10%	4+	\$83,100	LIFE	* *			В
			t, Area Affected :	10%				
		: Througho	ит ctent : Light, Area	Affaatad	1.50/			
	Location		ueni . Ligni, Area	Ајјестеи	. 570			
			Currently Under R	Penair R	egin Abutment Thr	ough 84t	h Street	
Steel	70%	on . mea c	Jurrenity Onder I	LIFE	* *	$\frac{0ugn 64i}{2-8}$	\$23,300	В
Steel	30%	4+	\$29,400	LIFE	* *	2-8	\$14,200	В
Steel			929,400 ght, Area Affectea			2-0	\$14,200	Б
		: Througho		. 10,0				
		_	ight, Area Affecte	d: 10%				
		: Througho						
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Piles								_
Not Accessible	100%							D
eck Elements								
Railings/Parapets Concrete	75%			2034	* *	4	\$73,800	A
Concrete	25%	4+	\$1,028,700	2034	* *	4	\$73,800	A
Concrete			rate, Area Affecte			-	Ψ73,000	71
		: Througho						
	Exposed Re	einforceme	nt, Extent : Moder	ate, Area	a Affected : 15%			
	Location	: Concentr	ated At Joints					
	Rust Stains	, Extent : N	Ioderate, Area Afj	fected : 3	80%			
		: Througho						
			lerate, Area Affec					
	Location	: Random,	Also Concentrate	d At Join	ts			
Steel	80%			LIFE	* *	2-8	\$165,000	A
Steel	20%	4+	\$116,500	LIFE	* *	2-8	\$101,300	A
			ght, Area Affectea	l : 10%				
		: Througho		× 1 0	100/			
			Ioderate, Area Afj ut	rected: 2	20%			
		: Througho	ит ctent : Severe, Are	a Affact	od · 10%			
			aeni : severe, Are apports At Joints	и пујесте	u . 10/0			
		_		ssina Co	ncrete Around And	hors		

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST

Asset #: 2925

Bridge Structure	Current Repair	Future Replacen	nent	M	aintenance				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Deck Elements	•								
Wearing Surface	0.5			_		~			
Asphalt	85%	2023 \$1,12	/,200 * *	5	\$124,900	C			
Asphalt	15% 2-4 \$39,800 Cracks, Extent: Light, Area Affected:	2026	* *	5	\$62,400	C			
	Location : Throughout	2070							
	Loose Elements, Extent : Light, Area Aj	ffected : 5%							
	Location: Throughout	,							
	Settlement, Extent : Light, Area Affecte	d : 5%							
	Location : Throughout								
	Spalling, Extent : Light, Area Affected .	5%							
	Location : Throughout								
	Other Observation, Extent : Light, Area	ı Affected : 100%							
	Location: Throughout								
G	Explanation : Asphalt Pavers	2020	ale ale		Φ5.42.100				
Concrete	80% 20% 4+ \$306,000	2028 2028	* *	5 5	\$543,100	C C			
Concrete	20% 4+ \$306,000 Cracks, Extent: Light, Area Affected:			3	\$271,500	C			
	Location: Throughout								
	Spalling, Extent : Light, Area Affected .	15%							
	Location: Throughout								
Superstructure									
Deck,Structural									
Concrete	70%	LIFE	* *	5	\$204,700	A			
Concrete	5% 4+ \$1,657,900	LIFE	* *	5	\$102,400	A			
	Cracks, Extent : Light, Area Affected : . Location : Throughout	20%							
	Location : Inrougnout Exposed Reinforcement, Extent : Light, Area Affected : 10%								
	Location: Throughout								
	Recent Replace Evident, Extent : Light,	Area Affected : 10%							
	Location : Repair To Underside Of D								
	Spalling, Extent: Light, Area Affected.	10%							
	Location : Throughout								
Concrete	25% 2-4 \$3,315,700	LIFE	* *	5	\$102,400	A			
	Cracks, Extent: Severe, Area Affected	20%							
	Location: Throughout								
	Efflorescence, Extent : Moderate, Area	Affected: 10%							
	Location : Throughout Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
	Location : Throughout	raie, Area Ajjeciea .	10/0						
Joints									
Generic	33%	LIFE	* *			C			
Generic	67% 0-2 \$157,000	LIFE	* *			C			
	Broken/Missing Element, Extent: Seven		%						
	Location: Various Locations Per Bie								
	Leakage, Extent : Severe, Area Affected								
	Location : In Several Spans Per Bienn	นลเ 2011							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY

Address : IND SUBWAY STATION

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0016.090 / 2577 Yr Built/Renovated :

Area Sq Ft : 37,753 Project Type : HIGHWAY BRIDGES

Date of Survey : 19-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2230209

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$115,900	\$1,765,900
Total	\$115,900	\$1,765,900
Priority B	\$63,600	
Priority C	\$52,300	\$1,765,900
Total	\$115,900	\$1,765,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$32,900	\$11,100		\$52,000
Total	\$32,900	\$11,100		\$52,000
Priority A	\$28,300			
Priority B	\$4,600			\$52,000
Priority C		\$11,100		
Total	\$32,900	\$11,100		\$52,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY

Asset #: 2577

Bridge Structure		Current F	Repair	Future Replacement Maintenance		aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall Not Accessible	100%							D
Brngs, Ancr Blts, Pads	10070							
Not Accessible	100%							D
Footings Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Stem (breastwall)								
Brick Veneer	Location	: Through	\$63,600 Terate, Area Affected Out Both Abutments	S	* *			В
	Location	: Joint Mo	t : Moderate, Area ortar Missing Throu Extent : Light, Area	ghout B	oth Abutments			
	Location	: Through	_		. 10070			
Masonry: Brick	95% Other Obs	ervation, E	Extent : Light, Area	LIFE Affected	**	3-5	\$84,100	В
Masonry: Brick	5% Cracks, E. Location Other Obs	4+ xtent : Seve : End Abu ervation, E : Through	\$4,600 re, Area Affected : tment Extent : Light, Area	LIFE 10% Affected	**	3-5	\$84,100	В
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Not Accessible	100%							D
Piles								D.
Not Accessible	100%							D
Approaches								
Pavement	100%			2025	\$1,308,600	4	\$22.400	С
Asphalt Curbs	100%			2023	φ1,308,000	4	\$33,400	
Concrete w/ Steel Face	80%			LIFE	* *			A
Concrete w/ Steel Face	20%	4+ Extent : I	\$1,500	LIFE	* *			A
		, Extent : L : Random	ight, Area Affected	. 20%				
Early and have and	Locuiton	. Kanaom	Locations					
Embankment Not Accessible	100%							D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY

Asset #: 2577

Bridge Structure	Current F	lepair	Future I	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches							
Sidewalks	1000/			ate ate			
Concrete	100%		LIFE	* *			С
Piers							
Cap Beam Not Accessible	100%						D
Pier,Columns	10070						
Not Accessible	100%						D
Brngs, Ancr Blts, Pads	10070						Ъ
Not Accessible	100%						D
Footings	10070						
Not Accessible	100%						D
Mat (scour & erosion)	10070						
Not Accessible	100%						D
Deck Elements							
Curbs							
Concrete w/ Steel Face	80%		LIFE	* *			A
Concrete w/ Steel Face	20% 2-4	\$2,700	LIFE	* *			A
	Settlement, Extent: M	loderate, Area Aff	ected : 25%	ó			
	Location : Scattered	l Throughout					
Median							
Concrete	100% 4+	\$7,300	LIFE	* *	5	\$1,900	A
	Cracks, Extent: Ligh		10%				
	Location : Scattered	_					
	Settlement, Extent: M		ected : 50%	ó			
	Location : Scattered	=	1.00	200/			
	Vegetation Growth, E	_	ı Affected :	20%			
	Location : Scattered	l Throughout					
Railings/Parapets	1000/ 4	Φ1.C 000	2022	* *	~	Φ000	
Masonry	100% 4+ Other Observation, E	\$16,900	2033		5	\$900	A
	Location : North An		Агеи Ајјеси	ea . 2076			
	Explanation: Missi		Cracks Rra	okan Flamants			
Sidewalks	Explanation . Wissi	ng Moriai Joinis,	Cracks, Dre	ken Liemenis			
Concrete	100% 4+	\$52,300	2029	* *	5	\$4,600	С
Concrete	Cracks, Extent: Ligh				3	Ψ+,000	C
	Location : Scattered		, -				
	Settlement, Extent : M	_	ected : 40%	ó			
	Location : Scattered						
	Spalling, Extent : Lig	=	5%				
	Location : Scattered						
Wearing Surface							
Asphalt	100%		2025	\$457,300	5	\$43,100	C
Superstructure				•		,	
Deck,Structural							
Not Accessible	100%						D
Primary Member							
Not Accessible	100%						D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY

Bridge Structure	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ated Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Superstructure				
Secondary Member	1000/			-
Not Accessible	100%			D

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE

Address : RAMP TO HENRY HUDSON PKWY. / W.158TH ST.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0011.0A0 / 2574 Yr Built/Renovated :

Area Sq Ft : 10,800 Project Type : HIGHWAY BRIDGES

Date of Survey : 17-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 222934A

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$318,900	\$755,600
Total	\$318,900	\$755,600
Priority A	\$280,900	\$451,300
Priority B	\$38,000	\$205,900
Priority C		\$98,400
Total	\$318,900	\$755,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$77,800	\$1,000	\$66,500	
Total	\$77,800	\$1,000	\$66,500	
Priority A	\$19,000	\$1,000	\$45,800	
Priority B	\$7,400		\$20,600	
Priority C	\$51,500			
Total	\$77,800	\$1,000	\$66,500	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE

Asset #: 2574

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads	10070							
Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck								
Generic	Location	: South En	\$38,000 Extent : Moderate, I ad And Detached Exp					В
Mat (scour & erosion)	z.q venten	1011110111	I I I I I I I I I I I I I I I I I I I	Constant C				
Not Accessible	100%							D
Pedestals Not Accessible	100%							D
Stem (breastwall)								
Concrete	100%			LIFE	* *			В
Walls Concrete	100%			LIFE	* *			A
Wingwalls								
Footings	1000/							Б
Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			С
Piles	10070			- DII D				
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			С
Approaches								
Pavement Asphalt		4+ ctent : Ligh : Isolated	\$4,900 t, Area Affected : I Location	2025	\$98,400	4	\$1,600	С
Concrete	100%	4+	\$7,700	2033	* *	4	\$6,200	С
	Cracks, Ex	ctent : Ligh : Random	t, Area Affected : 2				, , , , , ,	
Curbs								
Concrete	100%			LIFE	* *			A
Concrete w/ Steel Face	100% Other Obs Location		Extent : Light, Area	LIFE Affected	**			A
	Explanat		ists of 25 Percent (Concrete,	25 Percent Concr	ete With	Steel Face, And	
Granite	100%	. 5.0000		LIFE	* *			A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE

Asset #: 2574

Bridge Structure	Current Repair	Future	e Replacement	М	aintenance			
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Approaches	•	_						
Embankment	400					~		
Earth	100%	LIFE	* *			С		
Guide Railing	1000/	2039	* *	4		A		
Concrete Sidewalks	100%	2039		4		Α		
Concrete	100%	LIFE	* *			С		
Piers	10070	LII L						
Cap Beam								
Steel	95%	LIFE	* *	2-8	\$274,600	A		
Steel	5% 4+	\$9,200 LIFE	* *	2-8	\$274,600	A		
	Corrosion, Extent: Moderate, Area Affected: 5%							
-	Location : Random Location	ons						
Pier, Columns						_		
Steel	100%	LIFE	* *	2-8	\$285,000	В		
Stem,Solid Pier	1000/	LIEE	* *			D		
Concrete	100%	LIFE				В		
Brngs,Ancr Blts,Pads Not Accessible	100%					D		
Footings	100 /0							
Not Accessible	100%					D		
Mat (scour & erosion)	10070							
Earth	100%	LIFE	* *			A		
Pedestals								
Concrete	100% 0-2 Cracks, Extent: Light, Area Location: Random Locatio Spalling, Extent: Light, Area	ons	* *			В		
	Location : North End West	Side Wall At Colum	ns					
Deck Elements								
Curbs	400-4							
Concrete	100%	2044	* *			A		
Granite	100% 4+ Settlement, Extent: Light, And Location: On The Northwe	est Side	**			A		
	Other Observation, Extent:		: 15%					
	Location: Throughout Eas		7 · D1 1					
Maria David C. C	Explanation : Deteriorated	/ Missing Joints At C	Frante Blocks					
Mono Deck Surface Concrete	100% 4+ Cracks, Extent: Light, Area		* *	5	\$28,700	C		
	Location : Random Location Spalling, Extent : Light, Area Location : On East Side Ar	a Affected : 50%						

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE

Bridge Structure	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated Co. Total (Years)	st Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements						
Railings/Parapets						
Concrete	20% 4+ \$4,000		* *	4	\$2,100	A
	Spalling, Extent : Moderate, Area Afg					
	Location : Southwest Side On Top (Of Parapet				
Concrete	80%	2033	* *	4	\$3,100	A
Steel	100%	LIFE	* *	2-8	\$16,300	A
Sidewalks						
Cobblestone	100%	2044	* *			C
	Spalling, Extent : Light, Area Affecte	ed: 10%				
	Location : Along East Side					
	Other Observation, Extent : Light, A	rea Affected : 10	00%			
	Location: West And East Side					
	Explanation: Cobblestone Along W	Vest Side And G	rassy Area Alo	ng East	Side.	
Concrete	100% 4+ \$13,500		* *	5	\$5,700	С
Concrete	Spalling, Extent : Light, Area Affecte			Č	40,700	Ü
	Location : At North End					
	Vegetation Growth, Extent : Light, A	rea Affected : 5	2%			
	Location : At West Side Of Sidewal					
Scupper						
Ductile Iron	100%	LIFE	* *			C
uperstructure						
Deck,Structural						
Concrete	100%	LIFE	* *	5	\$11,900	A
	Other Observation, Extent: Light, A	rea Affected : 10	00%			
	Location : Entire Deck					
	Explanation: No Access To Tracks					
Joints						
Generic	80% 2-4 \$19,300	0 LIFE	* *			C
	Broken/Missing Element, Extent: Mo	oderate, Area A	ffected : 100%			
	Location: Throughout					
Generic	20%	LIFE	* *			С
Primary Member	2070	<u> </u>				
Steel	95%	LIFE	* *	2-8	\$199,700	A
Steel	5% 4+ \$280,900		* *	2-8	\$199,700	A
Sicci	Corrosion, Extent : Light, Area Affec			2.0	Ψ177,100	А
	Location: On Floor Beam Bottom.		ularly Heavy A	t Joints		
Secondary Member	Location . On I tool Beam Bottom .	ges, i will	11cuvy 11			
Steel	100%	LIFE	* *	2-8	\$167,300	В
Sieci	10070	LIFE		∠-0	\$107,300	D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST

Address : 152ND ST- W161ST ST

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0069.000 / 2493 Yr Built/Renovated : 1908 /

Area Sq Ft : 181,487 Project Type : HIGHWAY BRIDGES

Date of Survey : 08-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2246720

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$17,189,800	\$7,560,800
Total	\$17,189,800	\$7,560,800
Priority A	\$13,394,700	\$6,734,600
Priority B	\$2,231,000	
Priority C	\$1,564,200	\$826,200
Total	\$17,189,800	\$7,560,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$1,419,600		\$452,800	\$12,900
Total	\$1,419,600		\$452,800	\$12,900
Priority A	\$1,410,000		\$452,800	\$12,900
Priority B	\$900			
Priority C	\$8,700			
Total	\$1,419,600		\$452,800	\$12,900



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2493

Bridge Structure		Current Re	pair	Future	Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals								
Concrete	50%			LIFE	* *			A
			ent : Light, Area	ı Affected	: 40%			
	Location .			1.77			• •	
					ith Info From Bie	nnial (typ	pical)	
Concrete	50%	4+	\$260,200	LIFE	* *			A
			ate, Area Affecte	ed : 25%				
		Throughou						
			erate, Area Affec	ted : 25%				
	Location .	: At Begin A	butment					
Granite	100%			LIFE	* *			A
Backwall								
Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads								
Steel	75%			LIFE	* *			A
Steel	25%	2-4	\$172,900	LIFE	* *			A
	Corrosion,	Extent : Mo	derate, Area Affo	ected: 25	%			
	Location .	Both Abutn	nents					
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	50%			LIFE	* *			В
Generic	50%	2-4	\$134,700	LIFE	* *			В
	Other Obse	rvation, Ext	ent : Moderate, 1	Area Affe	cted : 50%			
	Location .	: End Abutm	ient					
	Explanati	on : Worn C	Out Filler					
Mat (scour & erosion)								
Earth	100%			LIFE	* *			В
Pedestals								
Concrete	85%			LIFE	* *			A
Concrete	15%	4+	\$89,300	LIFE	* *			A
			erate, Area Affec	ted : 10%				
	Location .	: At Begin A	butment					
Stem (breastwall)								
Concrete	100%			LIFE	* *			В
			ent : Light, Area	ı Affected	: 100%			
		Begin Abui						
	Explanati	on : Conditi	on Repaired					
Granite	100%			LIFE	* *			В
			ent : Light, Area	ı Affected	: 100%			
		Begin Abui						
	Explanati	on : Conditi	on Repaired					
Wingwalls								
Footings	100-							-
Not Accessible	100%							D
Mat (scour & erosion)								_
Earth	100%			LIFE	* *			С

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2493

ridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ingwalls								
Piles	1000/							_
Not Accessible	100%							D
Walls	1000/	4.	¢05 100	LIDD	* *			C
Granite	Location Other Obs Location	: Random		hout	%			С
Masonry	100%		8	LIFE	* *			С
	Vegetation	n Growth, E e: At Begin	Extent : Moderate, Abutment		ected : 25%			
pproaches								
Pavement	1000/	4	¢0.700	2026	* *	4	¢0.100	C
Asphalt	Location Recent Re	: At South place Evide	\$8,700 t, Area Affected : A Approach ent, Extent : Light, halt At North App	Area Affe		4	\$8,100	С
Concrete	100%	4+	\$134,600	2034	* *	4	\$30,800	С
	Location Spalling, I	: At End A	ht, Area Affected :					
Curbs								
Concrete w/ Steel Face		4+ s, Extent : I s : At End A	\$6,800 Light, Area Affecte pproach	LIFE ed : 100%	**			A
Granite	100%			LIFE	* *			A
Embankment	10070							
Generic	100%			LIFE	* *			C
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Railings/Parapets	400							
Concrete	100%			2034	* *			A
Granite	100%	4+	\$4,000	LIFE	**			A
	Location	: Random	Extent : Light, Area Locations Through		: 3%			
Ctool		uon . Wiissi	ng Joint Mortar	LIDD	* *			Α.
Steel	100%			LIFE	* *			A
Sidewalks	1000/			2026	* *	4		C
Asphalt	100%			2026	**	4		C
Concrete	100%			LIFE	* *			С

Piers

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2493

idge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
rs								
Cap Beam								
Concrete Encased Steel	100%			LIFE	* *	5	\$38,200	A
Steel	85%			LIFE	* *	2-8	\$5,644,300	A
Steel	15%	4+	\$1,183,300	LIFE	* *	2-8	\$3,374,000	A
	Corrosion	, Extent : N	loderate, Area Affe	ected : 1:	5%			
	Location	: On Cant	ilever Portions Spa	ın 42 To	End			
Pier,Columns								
Concrete Encased Steel	50%			LIFE	* *	5	\$1,900	В
Concrete Encased Steel	50%	0-2	\$1,106,800	LIFE	* *	5	\$900	В
	Cracks, E.	xtent : Mod	erate, Area Affecte	ed: 25%				
	Location	: On Cant	ilever Portions Spa	ın 42 To	End			
	Spalling, I	Extent : Mo	derate, Area Affec	ted : 25%	6			
	-		ilever Portions Spo					
Stem,Solid Pier			-					
Masonry	80%			LIFE	* *			В
Masonry	20%	4+	\$952,700	LIFE	* *			В
, and a second			xtent : Moderate, 1		ected : 20%			
			And Base Of Pier					
	Explana	tion : Hollo	w Sound Area And	l Vertica	l Cracks And Vege	tation Gr	rowth	
Brngs,Ancr Blts,Pads	1							
Steel	60%			LIFE	* *	2-8	\$290,900	A
Steel	40%	2-4	\$876,100	LIFE	* *	2-8	\$173,900	A
			ight, Area Affectea				+,,	
		: Through	-					
		_	t : Moderate, Area	Affected	l : 10%			
		: Through		33				
			xtent : Light, Area	Affected	l : 10%			
		: Several S	_	55				
			ng Anchor Bolts					
Footings	· F ······		G					
Not Accessible	100%							D
Mat (scour & erosion)	20070							
Earth	100%			LIFE	* *			A
Pedestals	20070							
Concrete	95%			LIFE	* *			В
Concrete	5%	4+	\$36,800	LIFE	* *			В
Concrete			xtent : Moderate, I		ected : 100%			b
		ı : Pier 41	i i i i i i i i i i i i i i i i					
			Riennial Inspection	Report 7	The Right Wall Has	A Crack	k In Pier 41 Which	
		ites Into Pe		пероп	105.00 11 000 1100	Cruci		
Piles	1 .0.							
Not Accessible	100%							D
	/ -							

Deck Elements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2493

idge Structure		Current R	epair	Futur	e Replacement	M	aintenance	
tem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
k Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			Α
Granite	90%			LIFE	* *			A
Granite	10%	4+	\$6,300	LIFE	* *			Α
		tent : Ligh: : Through	t, Area Affected : 3 out	50%				
Guide Railing								
Concrete	95%			2038	* *			A
Concrete	5%	4+	\$30,700	2038	* *			Α
		_	ent, Extent : Light	, Area A <u>f</u>	fected : 10%			
		: Through						
		-	t, Area Affected : 2	25%				
		: Through		7.00/				
		xtent : Lig : Through	ht, Area Affected : out	10%				
Railings/Parapets								
Granite	100%			LIFE	* *			Α
Masonry	95%			2034	* *	5	\$25,900	Α
Masonry	5%	4+	\$11,000	2034	* *	5	\$12,900	Α
			xtent : Moderate,					
		_	out, Concentrated					
					Growth At Base O			
Steel	100%	4+	\$250,700	LIFE	* *	2-8	\$23,900	Α
			ight, Area Affected					
			Of Railing, West F		=			
			xtent : Severe, Are					
			Of Parapet, West S	side Fasc	ria			
G: 1 11	Explanati	on : Veget	ation Growth					
Sidewalks	90%			2030	* *	5	\$117,500	C
Concrete		tont · Liah	t, Area Affected : 2			5	\$117,300	C
		: Through		270				
Camanata				2030	* *		¢£0.700	<u> </u>
Concrete	10%	4+ tant : Mad	\$183,400 erate, Area Affecte		-11-	5	\$58,700	C
			eraie, Area Ajjecie Tascia Sidewalk	cu . 2070				
Wearing Surface	Locuitott .		and the main					
Concrete	95%			2034	* *	5	\$650,000	C
Concrete	5%	2-4	\$83,700	2034	* *	5	\$325,000	C
Concrete			xtent : Light, Area		1:5%	5	\$5 25 ,000	C
		: Through	_	55				
			s, Map Cracks An	d Delam	inated Area.			
Scupper	<u> </u>							
Cast Iron	100%			LIFE	* *			C
	Other Obse	ervation, E	xtent : Light, Area	Affected	l : 100%			
		: Through						
	Explanati	on : Total	Of 28 Scuppers					

Superstructure

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ridge Structure	Current	Repair	Futur	e Replacement	M	aintenance			
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
perstructure									
Deck,Structural									
Concrete	50%		LIFE	* *	5	\$399,500	A		
Concrete	50% 4+	\$2,920,500	LIFE	* *	5	\$199,700	A		
	Cracks, Extent : Mod		a: 30%						
	Location : Throughout Efflorescence, Extent : Moderate, Area Affected : 15%								
	Location: Through		Пусстей	. 1570					
	Exposed Reinforcement, Extent: Light, Area Affected: 2%								
	Location : Random	_		270					
	Spalling, Extent : Mo	_		ó					
	Location : Through								
Joints									
Steel	80%		LIFE	* *			C		
Steel	15% 2-4	\$404,900	LIFE	* *			C		
	Leakage, Extent: Me Location: Through		ted : 20%	6					
	Other Observation, I	Extent : Light, Area	Affected	: 20%					
	Location : Through	nout							
	Explanation: Miss	ing/damaged Seal							
Steel	5% Now	\$337,400	LIFE	* *			C		
	Broken/Missing Elen		e, Area A	Affected : 100%					
	Location : East Fa	scia Sidewalk							
Primary Member	-0			de de	_	44.050.000			
Concrete Encased Steel	70%	Φ2.555.000	LIFE	* *	5	\$1,829,000	A		
Concrete Encased Steel	30% 2-4 Cracks, Extent: Mod	\$3,555,900	LIFE	* *	5	\$914,500	A		
	Location: Through		a. 2570						
	Corrosion, Extent : N		octed · 25	5%					
	Location : Through		.c.ca . 25	,,,0					
	Spalling, Extent : Mo		ted : 25%	ó					
	Location : Through								
	Other Observation, I		Affected	: 100%					
	Location : At Span.								
	Explanation: Curr	ently Under Repair							
Steel	100%		LIFE	* *	2-8	\$4,600,500	A		
	Rust Stains, Extent:	Light, Area Affecte							
	Location: Random	Locations Through	nout						
Secondary Member									
Concrete Encased Steel	100%		2053	* *			В		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE

Address : PAGE AVE, AMBOY-RICHMOND VALLEY

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 44,400 Project Type : HIGHWAY BRIDGES

Date of Survey : 08-Aug-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2249269

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Bridge Structure	\$656,800	\$1,483,300	
Total	\$656,800	\$1,483,300	
Priority A	\$283,700	\$488,300	
Priority B		\$439,500	
Priority C	\$373,100	\$555,500	
Total	\$656,800	\$1,483,300	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$136,700		\$88,700	
Total	\$136,700		\$88,700	
Priority A	\$31,900		\$44,600	
Priority B	\$100		\$44,100	
Priority C	\$104,800			
Total	\$136,700		\$88,700	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE

Asset #: 2499

Bridge Structure	Current Repair	Future Rep	lacement	M		
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments	•	•				
Bridge Seat&pedestals						
Concrete	100%	LIFE	* *			A
Backwall	1000/	LIEE	* *			C
Concrete	100%	LIFE	* *			С
Brngs,Ancr Blts,Pads Generic	100%	LIFE	* *			A
Generic	Other Observation, Extent: Light, A		%			A
	Location: Throughout		. •			
	Explanation : Pot Bearing					
Footings	1					
Not Accessible	100%					D
Joint with Deck						
Generic	100%	LIFE	* *			В
Mat (scour & erosion)						
Generic	100% 4+ \$100		* *			В
	Broken/Missing Element, Extent: Lig		: 1%			
	Location : Random, Concrete Block					
	Settlement, Extent : Light, Area Affec	cted: 3%				
	Location: Random	A.CC . 1 20/				
	Other Observation, Extent : Light, A. Location : Random	rea Affected : 2%				
	Explanation: Vegetation Growth					
Pedestals	Explanation . Vegetation Growin					
Concrete	100%	LIFE	* *			A
Stem (breastwall)	10070	En E				7.1
Concrete	100%	LIFE	* *			В
Wingwalls						
Footings						
Not Accessible	100%					D
Mat (scour & erosion)						
Earth	100%	LIFE	* *			C
Piles						
Not Accessible	100%					D
Walls						
Concrete	100% 4+ \$26,900		* *			C
	Cracks, Extent : Light, Area Affected	2:2%				
G. Cl. 1	Location : Random					
Stream Channel Bank Protection						
Concrete	100% 4+ \$306,80	0 LIFE	* *			C
Concrete	Cracks, Extent: Light, Area Affected					C
	Location: Random					
	Spalling, Extent : Light, Area Affecte	ed : 3%				
	Location: Random					
	Other Observation, Extent : Light, A	rea Affected : 2%				
	Location : Random					
	Explanation: Exposed Reinforceme	ent				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE

Asset #: 2499

Bridge Structure	Current Repair		Future Replacement		M	aintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod		
tream Channel										
Mat (scour & erosion)	400									
Stream Bed	100%			LIFE	* *			Α		
pproaches										
Pavement	000/			2024	¢450.200	4	¢12 100	C		
Asphalt	80%	4	¢22.000	2024	\$458,300 * *	4	\$12,100	C		
Asphalt	20%	4+	\$22,900	2028		4	\$8,100	C		
		Broken, Missing Pave, Extent: Light, Area Affected: 3% Location: Random								
	Cracks, Extent: Severe, Area Affected: 50%									
		Location : Random Settlement, Extent : Moderate, Area Affected : 15%								
		, Extent : N : Random		ected : 13	5%					
Concrete	100%	4+	\$17,800	2032	* *	4	\$30,800	С		
Concrete			\$17,800 t, Area Affected : 5			4	\$30,800	C		
		: Random	и, птей пујества . г	, , 0						
Curbs	Locuiton	. Itanaom								
Concrete w/ Steel Face	100%	4+	\$1,800	LIFE	* *			A		
Compress Wy Bussel 1 acc			Severe, Area Affect		ó					
		: Through								
			Aoderate, Area Aff	ected : 15	5%					
			st Corner Of Bridg							
			Extent : Light, Area		l : 2%					
		: Random	0 /	33						
Embankment										
Earth	100%			LIFE	* *			C		
Guide Railing										
Steel	100%			LIFE	* *	2-8	\$5,800	A		
Mat (scour & erosion)										
Earth	100%			LIFE	* *			A		
Pavement Base										
Not Accessible	100%							D		
Sidewalks										
Concrete	100%	4+	\$2,500	LIFE	* *			C		
		_	t, Area Affected : 3	3%						
		: Random								
		Growth, I : Random	Extent : Light, Area	Affected	l : 2%					
iers										
Cap Beam										
Concrete	100%			LIFE	* *			A		
Pier, Columns	1000/			יייון	* *			ъ		
Concrete	100%			LIFE	~ *			В		
Brngs, Ancr Blts, Pads	1000/			Libb	* *			٨		
Generic	100%	amiatic. T	Entant , Tiale A.	LIFE				Α		
		ervanon, E : Through	Extent : Light, Area	Ајјестеа	. 10070					
		_								
	Елріанаі	ion : Pot E	rearing							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE

Asset #: 2499

Bridge Structure	Current Repair		Futur	e Replacement	M			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			A
Pedestals Concrete	100%			LIFE	* *			В
Deck Elements								
Curbs								
Concrete w/ Steel Face		4+ s, Extent : S e : Through	\$10,800 Severe, Area Affect out	LIFE ed: 75%	* *			A
Railings/Parapets								
Concrete	Location Effloresce Location Rust Stain Location Other Obs	a: At Base of the control of the con	\$19,300 t, Area Affected : 2 Of Light Post Pede : Light, Area Affec Of Light Post Pede Light, Area Affecte Of Light Post Pede Extent : Light, Area	stals cted : 3% stals d : 3% stals		4	\$8,600	A
	Explana	tion : Scalii	ng					
Steel	Location	: Close To	Extent : Light, Area The End Approac tation Growth		**	2-8	\$11,800	A
Sidewalks								
Concrete	Location Spalling, I Location Other Obs Location	: Random Extent : Lig : Random	\$30,600 t, Area Affected : 2 ht, Area Affected : Extent : Light, Area ng	1%	**	5	\$11,100	С
Wearing Surface								
Concrete		4+ xtent : Ligh : Random	\$66,300 t, Area Affected : 2	2032	* *	5	\$97,200	С
uperstructure								
Deck,Structural Concrete	Location	: Random	\$283,700 t, Area Affected : 3		* *	5	\$48,900	A
		nce, Extent : Random	: Light, Area Affeo	cted : 3%				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE

Bridge Structure	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estir Total (Years)	nated Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure						
Primary Member						
Steel	100%	LIFE	* *	2-8	\$820,800	A
Secondary Member			•			
Steel	100%	LIFE	* *	2-8	\$687,600	В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : SOUTH ST RAMP TO FDR/SOUTH ST Address : SOUTH ST,ENTRY RAMP TO FDR DR

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0027.0C0 / 4325 Yr Built/Renovated : 1954 /

Area Sq Ft : 39,200 Project Type : HIGHWAY BRIDGES

Date of Survey : 19-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 223201C

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$892,400	\$4,367,900
Total	\$892,400	\$4,367,900
Priority A	\$670,400	\$1,415,400
Priority B		\$964,400
Priority C	\$222,000	\$1,988,100
Total	\$892,400	\$4,367,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$119,700	\$6,300	\$244,900	\$6,200
Total	\$119,700	\$6,300	\$244,900	\$6,200
Priority A	\$40,100		\$142,800	
Priority B	\$26,900		\$96,700	
Priority C	\$52,600	\$6,300	\$5,400	\$6,200
Total	\$119,700	\$6,300	\$244,900	\$6,200



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 SOUTH ST RAMP TO FDR/SOUTH ST

Bridge Structure	Current Repair			Future Replacement			aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Footings Not Accessible	100%							D
Stem (breastwall) Granite	Location	: West Sid	nent, Extent : Light, le Of The End Abut Extent : Light, Area	ment				В
			xieni . Ligni, Area ellular Abutment	Ајјестец	. 10070			
	Explana	tion : A Fu	rnished Office Spa	ce				
Wingwalls	•		1					
Footings Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			С
Piles Not Accessible	100%							D
Walls	100%							ע
Concrete	90%			LIFE	* *			C
Concrete	10% Effloresce Location	: Random	\$3,200 : Light, Area Affect Light, Area Affecte	LIFE cted: 109	**			C
		: Random						
Approaches								
Pavement	600/			2024	φ1 110 2 00	4	Φ4 5 200	a
Asphalt Asphalt			\$222,000 Moderate, Area Affa d Of Approach	2024 2024 ected : 25	\$1,110,200 \$740,100	4	\$45,300 \$30,200	C C
Curbs								
Concrete w/ Steel Face Concrete w/ Steel Face	Location	: About B	\$4,700 .ight, Area Affected ottom Part Aoderate, Area Aff		** **			A A
	Vegetation	a : Various a Growth, I a : Through	Extent : Severe, Are	ea Affecte	ed : 100%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 SOUTH ST RAMP TO FDR/SOUTH ST

Asset #: 4325

Bridge Structure		Current Repair Future Replacement			t Maintenance				
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod		
pproaches	•								
Guide Railing									
Concrete	50%		2032	* *	4	\$19,500	A		
Concrete	50%	4+ \$61,300	2032	* *	4	\$13,000	A		
	Cracks, Ex	tent : Severe, Area Affected	: 50%						
	Location	Location : Full Length							
	Exposed Re	einforcement, Extent : Mode	rate, Ared	a Affected : 15%					
	Location	: Random							
	Spalling, E	xtent : Severe, Area Affecte	d: 50%						
	Location	: Full Length							
Granite	100%	4+ \$49,100	LIFE	* *			A		
		/Bulging, Extent : Light, Ar		d: 10%					
	_	: On South Parapet	33						
Pavement Base		1							
Not Accessible	100%						D		
Sidewalks	10070								
Concrete	70%		LIFE	* *			C		
Concrete	30%	2-4 \$8,200	LIFE	* *			C		
Concrete		Extent : Light, Area Affecte					C		
		: At The End							
		Growth, Extent : Light, Are	a Affected	1 : 5%					
		: Random	33						
ers									
Cap Beam									
Steel	80%		LIFE	* *	2-8	\$739,200	Α		
Steel	20%	4+ \$394,300	LIFE	* *	2-8	\$739,200	Α		
	Corrosion, Extent: Moderate, Area Affected: 20%								
		: Surface Rust Under Joints							
Pier,Columns									
Steel	95%		LIFE	* *	2-8	\$271,300	В		
Steel	5%	4+ \$9,700	LIFE	* *	2-8	\$271,300	В		
		Extent : Light, Area Affecte				7-1-,-00			
		: Random							
Stem,Solid Pier									
Granite	100%		LIFE	* *			В		
Granice		ervation, Extent : Light, Are		1 : 12%			Ъ		
	Other Observation, Extent : Light, Area Affected : 12% Location : Pier 7								
		ion : On Pier 7 Is A Solid St	em Pier						
Brngs,Ancr Blts,Pads	2. prantar		101						
Steel	80%		LIFE	* *	2-8	\$500	A		
Steel	20%	4+ \$5,300	LIFE	* *	2-8	\$500 \$500	A		
5.001		Extent : Severe, Area Affect			20	Ψ500	13		
	Location,								
Footings	2000000								
Not Accessible	100%						D		
NOT ACCESSIBLE	100%						ע		

Deck Elements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 SOUTH ST RAMP TO FDR/SOUTH ST

Bridge Structure	Current Repair		Future Replacement		Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Deck Elements									
Curbs									
Concrete w/ Steel Face	70%			LIFE	* *			A	
Concrete w/ Steel Face	30%	4+	\$18,200	LIFE	* *			A	
			Ioderate, Area Affe	ected : 20	0%				
	Location	: Various	Locations						
Railings/Parapets									
Concrete	100%			2032	* *	4	\$4,200	Α	
Granite	100%			LIFE	* *			Α	
Steel	88%			LIFE	* *	2-8	\$11,500	Α	
Steel	12%	4+	\$4,100	LIFE	* *	2-8	\$11,500	A	
			ight, Area Affected	! : 10%					
	Location	ı : In Spans	2 And 3, Bottom						
Sidewalks		<u> </u>							
Concrete	70%			2028	* *	5	\$10,800	C	
Concrete	30%	4+	\$19,200	2028	* *	5	\$5,400	C	
	Spalling, 1	palling, Extent : Light, Area Affected : 15%							
	Location	ı : Random							
	Vegetation	n Growth, E	Extent : Light, Area	Affected	l : 10%				
	Location	: Random							
Wearing Surface									
Asphalt	75%			2024	\$103,400	5	\$12,400	C	
Asphalt	25%	4+	\$6,900	2024	\$34,500	5	\$6,200	C	
	Spalling, 1	Extent : Mo	derate, Area Affec	ted : 20%	ó				
	Location	ı : Random							
Concrete	100%			2032	* *	5	\$12,600	С	
Superstructure									
Deck,Structural									
Concrete	85%			LIFE	* *	5	\$11,800	A	
	Other Obs	servation, E	Extent : Light, Area	Affected	: 100%				
	Location	: Through	out						
	Explana	tion : Temp	orary Concrete Ba	rrier Is U	Used For One Land	e Closure	?		
Concrete	15%	4+	\$87,700	LIFE	* *	5	\$11,800	A	
			re, Area Affected :				, ,		
			racks With Spalls I		To 5				
Joints									
Generic	100%			LIFE	* *			C	
Primary Member	13070								
Steel	90%			LIFE	* *	2-8	\$724,700	Α	
Steel	10%	4+	\$78,000	LIFE	* *	2-8	\$724,700	A	
Steel			Extent : Light, Area		: 10%	2 0	Ψ721,700	11	
		ı : Random	2.3,	11,500000	. 10,0				
		tion : Paint	Peeling						
Secondary Member	Lapiana	I will	2 5011118						
Steel	90%			LIFE	* *	2-8	\$607,100	В	
Steel	10%	4+	\$17,200	LIFE	* *	2-8	\$607,100	В	
Sicci			۵۱۲,200 Ioderate, Area Affe		0%	2-0	Ψ007,100	D	
•			oint Piers 2 And 5		., .				

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 SOUTH ST RAMP TO FDR/SOUTH ST

Asset #: 4325

Print Date: 24-Oct-2014 **DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : SOUTH ST/FDR SB RAMP

Address : SOUTH ST,ENTRY RAMP TO FDR DR

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0027.0D0 / 4326 Yr Built/Renovated : 1954 /

Area Sq Ft : 187,500 Project Type : HIGHWAY BRIDGES

Date of Survey : 18-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 223201D

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$821,900	\$4,216,000
Total	\$821,900	\$4,216,000
Priority A	\$650,300	\$431,100
Priority B	\$126,900	\$3,784,900
Priority C	\$44,700	
Total	\$821,900	\$4,216,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$14,200	\$31,700	\$418,300	
Total	\$14,200	\$31,700	\$418,300	
Priority A	\$14,200		\$38,700	
Priority B			\$379,600	
Priority C		\$31,700		
Total	\$14,200	\$31,700	\$418,300	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 SOUTH ST/FDR SB RAMP

Asset #: 4326

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type		ail Date Estir Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							D
Brngs, Ancr Blts, Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			В
Mat (scour & erosion)								
<u>Earth</u>	100%			LIFE	* *			В
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
Piers								
Cap Beam			*· - - · · · ·				****	
Steel	60%		\$172,100	LIFE	* *	2-8	\$224,300	A
		Extent : Light, A	Area Affected	: 10%				
	Location:	Kandom						
Steel	30%			LIFE	* *	2-8	\$224,300	A
Steel	10%			LIFE	* *	2-8	\$224,300	A
		vation, Extent .	: Light, Area	Affected	! : 100%			
	Location:		_					
D: G I	Explanatio	n : Covered By	Temporary	Shielding	g			
Pier, Columns	650/			LIEE	* *	2.0	¢105.400	D
Steel	65%	4	Φ1 3 < 000	LIFE	**	2-8	\$105,400	В
Steel	35%		\$126,900	LIFE	* *	2-8	\$105,400	В
	Location :	Extent : Light, A	<i>trea А</i> јјестеа	: 10%				
D A DI D I	Location .	Kanaom						
Brngs, Ancr Blts, Pads	1000/							D
Not Accessible	100%							D
Footings Not Accessible	100%							D
	100%							
Mat (scour & erosion)	100%			LIFE	* *			Λ
Riprap		vation, Extent .	· Light Arga					A
		vanon, Extent . Throughout	. ықш, тей	лујестеа	. 100/0			
		n : Not Visible	Due To High	h Tide				
Pedestals	Елринино	1101 VISIUle	Due 10 IIIgr	i i iue				
Concrete	100%			LIFE	* *			В
Deck Elements	10070			LILE				
Railings/Parapets								
Concrete	100%			2032	* *	4	\$42,500	A
	100/0			2032			Ψ 12,500	

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 SOUTH ST/FDR SB RAMP

Bridge Structure	Current R	Current Repair		Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Wearing Surface							
Concrete	50%		2032	* *	5	\$63,400	C
Concrete	50% 4+	\$44,700	2032	* *	5	\$31,700	C
	Spalling, Extent : Ligh	ht, Area Affected :	5%				
-	Location : Random						
Superstructure							
Deck,Structural	0.50	4.50.500		de de	_	422 600	
Concrete	85% 4+	\$60,600	LIFE	* *	5	\$22,600	A
	Spalling, Extent : Ligh		5%				
	Location : Topside (
Concrete	15% 4+	\$10,700	LIFE	* *	5	\$22,600	A
	Spalling, Extent : Light, Area Affected : 5%						
	Location : Topside Of Deck						
	Other Observation, E.	_	Affected	: 100%			
	Location : Spans 2 A						
	Explanation : Cover	ed By Temporary	Shielding	3			
Joints							
Generic	100%		LIFE	* *			С
Primary Member							
Steel	85% 4+	\$406,900	LIFE	* *	2-8	\$88,700	Α
	Corrosion, Extent : Li Location : Random	ght, Area Affected	! : 5%				
Steel	15%		LIFE	* *	2-8	\$88,700	A
	Other Observation, E.	xtent : Light, Area		: 100%		, ,	
	Location: Span 2 And 3						
	Explanation: Cover		Shielding	2			
Secondary Member	•			,			
Steel	85%		LIFE	* *	2-8	\$2,903,700	В
	Rust Stains, Extent : L	ight, Area Affecte	d:3%				
	Location: Random						
Steel	15%		LIFE	* *	2-8	\$2,903,700	В
	Other Observation, E.	xtent : Light, Area		: 100%	-	, , ,- 00	
	Location : Spans 2 A	-	55				
	Explanation : Cover		v Shieldi	ing			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : STILLWELL AVE. BRIDGE
Address : CONEY ISLAND CREEK

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0164.000 / 13572 Yr Built/Renovated :

Area Sq Ft : 17,000 Project Type : HIGHWAY BRIDGES

Date of Survey : 11-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240540

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$375,600	\$35,900
Total	\$375,600	\$35,900
Priority B	\$153,400	
Priority C	\$222,200	\$35,900
Total	\$375,600	\$35,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$82,100		\$500	
Total	\$82,100		\$500	
Priority A	\$39,900		\$500	
Priority C	\$42,100			
Total	\$82,100		\$500	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 STILLWELL AVE. BRIDGE

Asset #: 13572

Bridge Structure	Current Rep	air Futu	re Replacement	Maintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Abutments					
Bridge Seat&pedestals Not Accessible	100%				D
Backwall Not Accessible	100%				D
Brngs,Ancr Blts,Pads Not Accessible	100%				D
Footings Not Accessible	100%				D
Joint with Deck					
Generic	100% 4+ Missing/Damaged Seal, a Location: Random Loc Spalling, Extent: Moder Location: Random The Other Observation, Exten Location: North Abuth Explanation: Water Le	cations Throughout cate, Area Affected : 20% roughout Concrete Head nt : Moderate, Area Affa nent	% ders		В
Mat (scour & erosion)	Explanation . Water Le	eakage Inrough Joini			
Earth	100%	LIFE	* *		В
Pedestals Not Accessible	100%				D
Stem (breastwall) Not Accessible	100%				D
Wingwalls					
Footings Not Accessible	100%				D
Mat (scour & erosion) Earth	100%	LIFE	* *		С
Piles Not Accessible	100%				D
Walls Not Accessible	100%				D
Stream Channel					
Bank Protection Riprap	100%	LIFE	* *		С
Mat (scour & erosion) Earth	100%	LIFE	* *		A
Approaches	10070	EH E			
Pavement					
Concrete	100% 4+ Cracks, Extent : Light, A Location : Random Loc		* *	4 \$39,400	С

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 STILLWELL AVE. BRIDGE

Asset #: 13572

Bridge Structure	Curre	nt Repair	Future	Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Year	ate Estimated Cost s)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches Curbs Concrete w/ Steel Face	Location: Rand Spalling, Extent:	\$16,100 : Moderate, Area Affi om Locations Through Light, Area Affected :	hout 5%	**			A
Embankment	Location : Rana	om Locations Through	nout				
Earth	100%		LIFE	* *			C
Guide Railing Steel	100%		LIFE	* *	2-8	\$9,000	A
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A
Sidewalks Concrete	Location : Rand Settlement, Extent Location : North	\$160,100 Moderate, Area Affecte om Locations Through : Light, Area Affected teast Corner And South	hout l : 10% theast Cort	* *			С
		Light, Area Affected : om Locations Through					
Piers Cap Beam Not Accessible	100%						D
Pier,Columns Not Accessible	100%						D
Stem,Solid Pier Not Accessible	100%						D
Brngs,Ancr Blts,Pads Not Accessible	100%						D
Footings Not Accessible	100%						D
Mat (scour & erosion) Earth	100%		LIFE	* *			A
Pedestals Not Accessible	100%						D
Piles Not Accessible	100%						D
Deck Elements Curbs Concrete w/ Steel Face	Location: Rand Spalling, Extent:	\$13,700 : Moderate, Area Affi om Locations Through Light, Area Affected : om Locations Through	hout 5%	* *			A
Railings/Parapets Steel	100%		LIFE	* *	2-8	\$17,700	A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 STILLWELL AVE. BRIDGE

Bridge Structure	Curi	rent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Sidewalks							
Concrete	100% 4-	÷ \$15,400	2030	* *	5	\$5,100	C
	Cracks, Extent:	Light, Area Affected:	10%				
	Location : Ran	ndom Locations Throug	hout				
Wearing Surface							
Concrete	100% 4-	\$26,700	2034	* *	5	\$35,900	C
	Cracks, Extent:	Light, Area Affected:	10%				
	Location : Ran	ndom Locations Throug	hout				
	Spalling, Extent	: Light, Area Affected :	5%				
	Location : Eas	st Side Of The Deck					
Superstructure							
Deck,Structural							
Not Accessible	100%						D
Primary Member							
Not Accessible	100%						D
Secondary Member		_			•		
Not Accessible	100%						D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK

Address : TIFFANY STREET

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0182.000 / 13716 Yr Built/Renovated : 1908 /

Area Sq Ft : 7,267 Project Type : HIGHWAY BRIDGES

Date of Survey : 17-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241170

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$626,200
Total		\$626,200
Priority B		\$71,900
Priority C		\$554,300
Total		\$626,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$59,500	_	\$7,300	\$1,700
Total	\$59,500		\$7,300	\$1,700
Priority A			\$100	
Priority B	\$14,500		\$7,200	
Priority C	\$45,000			\$1,700
Total	\$59,500		\$7,300	\$1,700



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK

Asset #: 13716

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments	'			•				
Bridge Seat&pedestals								
Not Accessible	100%							D
Backwall								_
Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	4+	\$14,500	LIFE	* *			В
			nt : Light, Area Af	fected : 1	15%			
	Location	: Both Abi	utments					
Mat (scour & erosion)	400							_
Earth	100%			LIFE	* *			В
Pedestals	1000/							ъ
Not Accessible	100%							D
Stem (breastwall)	1000/							D
Not Accessible	100%							D
Wingwalls Footings								
Not Accessible	100%							D
Mat (scour & erosion)	10070							
Earth	100%			LIFE	* *			C
Piles	10070							
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	100%	4+	\$27,700	2025	\$554,300	4	\$12,100	C
			t, Area Affected : I	10%				
		: Random						
			ight, Area Affected	l : 10%				
		: Random						
		Other Observation, Extent: Light, Area Affected: 100%						
		: Both App						
		ion : Cons	ists Of 50 Percent A					
Concrete	100%	4+	\$6,700	2033	* *	4	\$18,100	C
		_	t, Area Affected : 5	5%				
	Location	: Random	Locations					
Curbs	1000/			TIPE	* *			
Concrete w/ Steel Face	100%			LIFE	~ *			A
Embankment	1000/			LIDE	* *			C
Earth	100%			LIFE	· · ·			С

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK

Asset #: 13716

Bridge Structure	Cur	rent Repair	Future	Replacement	M	aintenance	
System Component Type		Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches Guide Railing Concrete	Location: Box	ion, Extent : Light, Are th Approaches Consists Of 50 Percent			4	ca	A
Steel	100% Corrosion, Exte	ent : Light, Area Affecte	LIFE	**	2-8	i.e	A
Sidewalks Concrete Concrete		+ \$1,400 : Light, Area Affected : ndom Locations	LIFE LIFE 50%	* *			C C
Deck Elements Curbs Concrete w/ Steel Face	100% Corrosion, Exte Location : Th	ent : Light, Area Affecte roughout	LIFE d : 5%	* *			A
Railings/Parapets Concrete	Location: Box				4		A
Steel	100% Corrosion, Exte	Consists Of 50 Percent ent : Light, Area Affectendom Locations	LIFE	And 50 Percent C * *	orrugate 2-8	\$3,700	A
Sidewalks Concrete	100%		2029	* *	5	\$3,500	С
Wearing Surface Concrete	100% 4- Cracks, Extent . Location : The	: Light, Area Affected :	2033 5%	* *	5	\$20,600	C
Superstructure Deck,Structural Concrete	Location: Spe	ion, Extent : Light, Are nn 1 Underside Of Deck Stay In Place Forms O	k		5 ler Conci	\$8,000 rete Topping Over	A
Primary Member Prestressed Concrete Box Beam	100%		LIFE	* *			A
Secondary Member Steel	Location: Spe	ion, Extent : Light, Are un 1 Secondary Steel Memb			2-8 eams Are	\$112,500	В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK

Asset #: 13716

Print Date: 24-Oct-2014 **DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD

Address : BEDFORD PK BLVD, JEROME-PAUL AV

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 46,300 Project Type : HIGHWAY BRIDGES

Date of Survey : 19-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241930

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$102,500	\$654,000
Total	\$102,500	\$654,000
Priority C	\$102,500	\$654,000
Total	\$102,500	\$654,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$41,500		\$700	
Total	\$41,500		\$700	
Priority A	\$7,200		\$700	
Priority C	\$34,300			
Total	\$41,500		\$700	



^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD

Bridge Structure		Current Repair		Future	Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estin (Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							D
Backwall								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			В
	Misaligne	d/Bulging, Extent	: Light, Area	ı Affected	1:2%			
	Location	: Random Both S	Sides					
Mat (scour & erosion)								
Earth	100%			LIFE	* *			В
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
Wingwalls	10070							
Footings								
Not Accessible	100%							D
Mat (scour & erosion)	10070							
Generic	100%			LIFE	* *			С
Walls	10070			LIITE				
Not Accessible	100%							D
	100%							D
Approaches								
Pavement	1000/	4.	¢11 500	2024	¢572.000	4	¢0 100	C
Asphalt		4+ ktent : Light, Arec c: Cracks And Sm			\$572,900 rn Approach	4	\$8,100	С
Concrete		4+ stent : Light, Arec : Random	\$17,800 a Affected : 5	2032	**	4	\$30,800	С
		Extent : Light, Are : At Joint Of We		2%				
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
	Corrosion	, Extent : Light, A : Random	Area Affected					
Guide Railing			·					
Concrete	100%			2032	* *	4		A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%	4+	\$5,100	LIFE	* *			C
-		xtent : Light, Area						-
		: Random Throu			heast			

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD

Bridge Structure		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers								
Cap Beam								
Not Accessible	100%							D
Pier,Columns								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Deck Elements								
Curbs	1000/			LIDE	* *			
Concrete w/ Steel Face	100%	T	1. 4. 4.00	LIFE	* *			A
		, Extent : L : Random	ight, Area Affected	: 5%				
D :11: /D	Location	. Kanaom						
Railings/Parapets Concrete	100%			2032	* *	4	\$21,500	Α
Steel	100%			LIFE	* *	2-8	\$21,300 \$19,700	A
Sidewalks	100%			LIFE		2-0	\$19,700	<u>A</u>
Concrete	100%	4+	\$47,200	2028	* *	5	\$17,100	С
Concrete			۶47,200 t, Area Affected : I			3	\$17,100	C
		_			k, Random Cracks	Through	out Roth	
Wearing Surface	Bocanon	· map era	ening III gouinern	Stacwan	c, Itanaom Craens	1111011811	out Bom	
Concrete	100%	4+	\$55,300	2032	* *	5	\$81,100	С
Concrete			t, Area Affected : 2			3	ψ01,100	C
		: Random	.,	., 0				
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Primary Member								
Not Accessible	100%							D
Secondary Member								
Not Accessible	100%							D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS

Address : W205TH ST, JEROME-PAUL AVES

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0060.000 / 2485 Yr Built/Renovated : 1935 /

Area Sq Ft : 37,800 Project Type : HIGHWAY BRIDGES

Date of Survey : 28-Oct-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241940

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$191,900	
Total	\$191,900	
Priority C	\$191,900	
Total	\$191,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$74,900		\$600	
Total	\$74,900		\$600	
Priority A	\$40,500		\$600	
Priority B	\$34,400			
Priority C				
Total	\$74,900		\$600	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS

Asset #: 2485

Bridge Structure		Current F	Repair	Future	Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
butments								
Bridge Seat&pedestals								
Not Accessible	100%							D
Backwall	400							_
Not Accessible	100%							D
Brngs, Ancr Blts, Pads	1000/							ъ
Not Accessible	100%							D
Footings Not Accessible	1000/							D
Joint with Deck	100%							D
Generic	100%	4+	\$14,700	LIFE	* *			В
Geliefic			derate, Area Affec					ь
	-		est Joint Header	ica . 50%	•			
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals	10070							
Not Accessible	100%							D
Stem (breastwall)	10070							
Concrete	90%			LIFE	* *			В
Concrete	10%	4+	\$19,700	LIFE	* *			В
			t, Area Affected : 5					
	Location	: Northeas	st Corner					
/ingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			С
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
pproaches								
Pavement	1000/		Φ114 COO	2026	* *	4	Φ0.100	
Asphalt	100%	4+	\$114,600	2026	* *	4	\$8,100	С
			t, Area Affected : I	0%				
		: East App		1 a 1 ff a	otod . 200/			
			Extent : Moderate, A	<i>А</i> геа А <u></u> IJе	ctea : 30%			
		: East App						
			en Surface	2024	* *		Φ.c.1. 7 .00	
Concrete	100%	4+	\$35,600	2034		4	\$61,700	C
			nt : Light, Area Affe	ectea : 5%	<i>o</i>			
			est Joint Header	50/				
		_	ht, Area Affected : nt Header	3%				
Curbs	Locuiton	. wesi Jol	ni 11euuei					
	1000/			LIFE	* *			A
Concrete w/ Steel Force								A
Concrete w/ Steel Face Embankment	100%			LIIL				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS

Asset #: 2485

Bridge Structure	Current Repair	Future Replace	ment	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches						
Mat (scour & erosion)						
Earth	100%	LIFE	* *			A
Railings/Parapets	400-1		ata ata			
Concrete	100% 4+ \$2,60 Spalling, Extent: Light, Area Affect Location: Northwest Corner		* *			A
Steel	100% Other Observation, Extent: Light, A Location: Throughout	LIFE Area Affected : 100%	* *			A
	Explanation : Chain Link Fence					
Sidewalks	1000/	LICC	* *			C
Concrete	100%	LIFE	* *			С
Piers Cor. Boom						
Cap Beam Not Accessible	100%					D
Pier, Columns	100%					D
Not Accessible	100%					D
Stem, Solid Pier	10070					
Not Accessible	100%					D
Brngs, Ancr Blts, Pads	10070					
Not Accessible	100%					D
Footings	10070					ъ
Not Accessible	100%					D
Mat (scour & erosion)						
Not Accessible	100%					D
Pedestals						
Not Accessible	100%					D
Piles						
Not Accessible	100%					D
Deck Elements						
Curbs						
Concrete w/ Steel Face	100%	LIFE	* *			A
Railings/Parapets						
Concrete	100% 4+ \$27,80 Cracks, Extent : Light, Area Affecte Location : North Side		* *	4	\$12,400	A
Steel	100%	LIFE	* *	2-8	\$26,200	A
	Other Observation, Extent: Light, A Location: Throughout Explanation: Chain Link Fence				,,	
Sidewalks	•					
Concrete	100% 4+ \$41,70 Cracks, Extent: Light, Area Affecte Location: Throughout		* *	5	\$15,100	С
Wearing Surface	Ü					
Concrete	100%	2038	* *	5		C
Superstructure						

Superstructure

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS

Bridge Structure	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure							
Deck,Structural							
Not Accessible	100%						D
Joints							
Not Accessible	100%						D
Primary Member							
Not Accessible	100%						D
Secondary Member							
Not Accessible	100%						D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH

Address : RAMP TO W. 158TH STREET / AMTRAK RAILS

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0157.000 / 13520 Yr Built/Renovated :

Area Sq Ft : 29,170 Project Type : HIGHWAY BRIDGES

Date of Survey : 17-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2245250

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$107,200	\$918,600
Total	\$107,200	\$918,600
Priority A	\$71,800	\$288,700
Priority B	\$35,400	\$288,700
Priority C		\$341,200
Total	\$107,200	\$918,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$131,900		\$58,900	\$7,400
Total	\$131,900		\$58,900	\$7,400
Priority A	\$61,100		\$29,900	
Priority B			\$29,000	
Priority C	\$70,800			\$7,400
Total	\$131,900		\$58,900	\$7,400



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.

DEPARTMENT OF TRANSPORTATION - 841 WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH

Asset #: 13520

Bridge Structure		Current F	Repair	Futur	e Replacement	N	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals	1000/							ъ.
Not Accessible	100%			A CC 4 i	1 . 00/			D
		servation, E 1 : South En	xtent : Light, Area	Affectea	t : 0%			
			a Abutment Exists At	This Rri	dae			
Backwall	Елрини	non . One z	doument Exists At	This Dri	uge			
Not Accessible	100%							D
Brngs, Ancr Blts, Pads	10070							- Б
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	4+	\$35,400	LIFE	* *			В
	Leakage,	Extent : Lig	ht, Area Affected :	50%				
		: Random						
			Light, Area Affecte	d: 10%				
		ı : Random						
			xtent : Moderate, 1		ected : 20%			
			alk At End Of Abu					
	Explana	tion : Dame	aged/ Misaligned E	Expansion	n Joint Membrane			
Mat (scour & erosion)								_
Earth	100%			LIFE	* *			В
Pedestals	1000/							-
Not Accessible	100%							D
Stem (breastwall)	1000/							ъ
Not Accessible	100%							D
Walls	1000/							D
Not Accessible	100%							D
Wingwalls Footings								
Not Accessible	100%							D
Mat (scour & erosion)	10070							D
Earth	100%			LIFE	* *			С
Piles	100/0			LII L				
Not Accessible	100%							D
Walls	10070							
Concrete	100%			LIFE	* *			С
Approaches	10070							

Approaches

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH

Asset #: 13520

Bridge Structure		Current R	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches									
Pavement Asphalt			\$5,000 t, Area Affected : I Locations	2025	\$251,700	4	\$7,000	С	
	Location	servation, E. n : South Ab tion : Aspha		Affected	: 100%				
Concrete	Location Other Obs Location	xtent : Light 1 : Random .	xtent : Light, Area outment		**	4	\$55,500	С	
Curbs Concrete w/ Steel Face	100% Rust Stain		Light, Area Affecte	LIFE d : 20%	* *			A	
Guide Railing									
Steel	100%			LIFE	* *	2-8	\$15,500	A	
Sidewalks									
Concrete	100%			LIFE	* *			С	
Piers Cap Beam Concrete			\$21,500 Light, Area Affecte	LIFE d : 2%	* *			A	
Pier, Columns									
Concrete	100%			LIFE	* *			В	
Stem,Solid Pier									
Concrete	Location	is, Extent : I 1 : Pier 6	Light, Area Affecte Extent : Light, Area		**			В	
	Location	ı : Pier 6 tion : Map (33					
Brngs,Ancr Blts,Pads Steel			\$33,300 ight, Area Affected out	LIFE l : 50%	* *	2-8	\$9,800	A	
Footings Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	* *			A	
Pedestals Concrete Piles	100%			LIFE	* *			В	
Not Accessible	100%							D	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH

Asset #: 13520

Bridge Structure	Current R	epair	Futur	Future Replacement Maintenance		aintenance		
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
eck Elements								
Curbs								
Concrete w/ Steel Face	100%		LIFE	* *			Α	
Guide Railing	1000/		T TEE	* *				
Steel	100%		LIFE	* *			A	
Railings/Parapets	100% 4+	\$6.400	2033	* *	4	\$400	٨	
Concrete	100% 4+ Cracks, Extent : Light	\$6,400			4	\$400	A	
	Location: Through		070					
	Spalling, Extent : Light		10%					
	Location : Span 4	,	,-					
Steel	100%		LIFE	* *	2-8	\$4,600	A	
Steel	Other Observation, E.	xtent : Light, Area		: 100%	2-0	Ψ+,000	Α	
	Location : East And	=	11990000	. 10070				
	Explanation : Steel I	Railing And Conci	rete Para	pet. Steel Fence A	t East Sid	le		
Sidewalks	<u> </u>	<u> </u>		<u>-</u>				
Concrete	100%		2029	* *	5	\$14,700	C	
Wearing Surface								
Concrete	100% 4+	\$30,900	2033	* *	5	\$89,500	C	
	Cracks, Extent : Light		2%					
	Location: Throughout							
	Spalling, Extent: Mod		ted : 2%					
	Location : Scattered	Throughout						
Scupper	1000/		r ree	* *				
Ductile Iron	100%		LIFE	* *			C	
uperstructure								
Deck,Structural Concrete	100% 4+	\$71,800	LIFE	* *	5	\$32,100	A	
Concrete	Settlement, Extent : M				3	\$52,100	A	
	Location : South Ab							
	Other Observation, E.			_				
	Location : Various I							
	Explanation : Stay I							
Joints	•							
Generic	100% 2-4	\$18,600	LIFE	* *			C	
	Leakage, Extent : Ligi	ht, Area Affected :	50%					
	Location: Span 3							
	Missing/Damaged Sec		ate, Area	Affected: 10%				
	Location: Span 4 E.	=						
	Other Observation, E.	xtent : Light, Area	Affected	: 50%				
	Location: Span 4	at Missier ~						
Drimany Marshan	Explanation : Sealar	u missing						
Primary Member Steel	100%		LIFE	* *	2-8	\$539,300	A	
Sicci	Rust Stains, Extent : I	ight. Area Affecte			2-0	φυυσ,υ00	A	
	Location: Span 6							
Secondary Member								
Steel	100%		LIFE	* *	2-8	\$451,700	В	
Dicci	10070		ти т		2.0	ψτ31,700	<u>u</u>	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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DEPARTMENT OF TRANSPORTATION - 841 WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH

Asset #: 13520

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/P&W

Address : WESTCHESTER AVE.

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0161.000 / 13569 Yr Built/Renovated : 1907 /

Area Sq Ft : 15,600 Project Type : HIGHWAY BRIDGES

Date of Survey : 30-Oct-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2241230

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$40,500		\$400	\$34,900
Total	\$40,500		\$400	\$34,900
Priority A	\$10,000		\$400	
Priority C	\$30,500			\$34,900
Total	\$40,500		\$400	\$34,900



DEPARTMENT OF TRANSPORTATION - 841 WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/P&W

Asset #: 13569

Bridge Structure		Current F	Repair	Future	Future Replacement Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck								
Steel	Location Spalling, E Location Other Obse	: Northwe Extent : Mo : Northwe	derate, Area Affec st And Southeast S Extent : Light, Area st Joint	ted : 10% ides				В
Mat (scour & erosion)	Ехрини	ion . vegei	anon					
Earth	100%			LIFE	* *			В
Pedestals	100,0							
Not Accessible Stem (breastwall)	100%							D
Not Accessible Walls	100%							D
Not Accessible	100%							D
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			С
Piles								
Not Accessible	100%							D
Walls Not Accessible	100%							D
Approaches								
Pavement Asphalt			\$22,800 t, Area Affected : L Locations Through		* *	4	\$18,600	С
Curbs Concrete w/ Steel Face	Location Rust Stains	: East App	t, Area Affected : 2 roach South Side Light, Area Affecte out		* *			A
Embankment Earth	100%			LIFE	* *			
	,0							-

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/P&W

Asset #: 13569

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Mat (scour & erosion)	400							
Earth	100%			LIFE	* *			A
Railings/Parapets	1000/	4	¢< 000	2024	* *			
Concrete	100%	4+ xtent : Liah	\$6,000 t, Area Affected : 2	2034				A
		_	t, Area Ajjectea . 2 Locations Through					
			ht, Area Affected :					
	-	_	Locations Through					
Steel	100%			LIFE	* *			A
Steel		ervation. F	Extent : Light, Area		: 100%			А
		: Through	_	11990000	. 100,0			
		_	Panel Wall					
Sidewalks								
Concrete	100%	4+	\$7,600	LIFE	* *			C
	Cracks, E.	xtent : Ligh	t, Area Affected : 3	5%				
	Location	: Random	Locations Through	hout				
Piers								
Cap Beam								
Not Accessible	100%							D
Pier,Columns								_
Not Accessible	100%							D
Stem, Solid Pier	1000/							ъ
Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
	100%							<u> </u>
Footings Not Accessible	100%							D
Mat (scour & erosion)	10070							<u>D</u>
Not Accessible	100%							D
Pedestals	10070							
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
			Light, Area Affecte	ed: 15%				
	Location	: Through	out					
Median					_	-		
Concrete	100%			LIFE	* *	5	\$1,400	A
Railings/Parapets	1000:			2021	ala -1-		A 100	
Concrete	100%			2034	* *	4	\$400	A
Steel	100%	amatica E	rtont . Links Acce	LIFE		2-8	\$8,700	A
		ervanon, E : Through	Extent : Light, Area	Ајјестеа	. 100%			
			oui Panel Wall					
	Блрини	non . sieel	ı ancı mun					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/P&W

Bridge Structure	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements						
Sidewalks						
Concrete	100%	2030	* *	5	\$7,500	С
Wearing Surface						
Concrete	100%	2034	* *	5	\$69,800	C
Superstructure						
Deck,Structural						
Not Accessible	100%					D
	Other Observation, Extent:	Light, Area Affected : 0%				
	Location:					
	Explanation : Material Is C	Concrete				
Joints						
Not Accessible	100%					D
Primary Member						
Not Accessible	100%					D
Secondary Member						
Not Accessible	100%					D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : 145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER

Address : HARLEM RIVER, HARLEM RIV DR.

Borough : MANHATTAN:BX. Agency's Number : N/A

Area Sq Ft : 56,732 Project Type : WATERWAY BRIDGES

Date of Survey : 29-May-2014 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240089

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$2,481,000	\$1,331,700
Total	\$2,481,000	\$1,331,700
Priority A	\$933,900	\$933,900
Priority B	\$506,900	\$397,800
Priority C	\$1,040,200	
Total	\$2,481,000	\$1,331,700

	\$20,700		
	\$26,700		
\$130,200	\$79,200	\$101,100	\$79,200
\$299,400		\$86,900	
\$429,600	\$105,900	\$188,000	\$79,200
\$49,200	\$71,800	\$53,900	\$71,800
\$8,600	\$7,400	\$7,400	\$7,400
\$371,900	\$26,700	\$126,800	
FY 2016	FY 2017	FY 2018	FY 2019
	\$371,900 \$8,600 \$49,200 \$429,600 \$299,400	\$371,900 \$26,700 \$8,600 \$7,400 \$49,200 \$71,800 \$429,600 \$105,900 \$299,400	\$371,900 \$26,700 \$126,800 \$8,600 \$7,400 \$7,400 \$49,200 \$71,800 \$53,900 \$429,600 \$105,900 \$188,000 \$299,400 \$86,900 \$130,200 \$79,200 \$101,100



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2468

Bridge Structure	C	urrent Repair	Futur	e Replacement	Maintenance	
System Component Type		ail Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Abutments						
Bridge Seat&pedestals						
Concrete	100%		LIFE	* *		A
Backwall						
Concrete	100%		LIFE	* *		С
Brngs,Ancr Blts,Pads	1000/					ъ
Not Accessible	100%					D
Footings	1000/					D
Not Accessible	100%					D
Joint with Deck Generic	100%		LIFE	* *		В
	100%		LIFE			D
Pedestals Concrete	100%		LIFE	* *		A
Stem (breastwall)	10070		LIFE			А
Concrete	100%		LIFE	* *		В
Vingwalls	10070					ъ
Footings						
Not Accessible	100%					D
Piles						
Not Accessible	100%					D
Walls						
Granite	100%		LIFE	* *		C
Stream Channel						
Bank Protection						
Concrete		2-4 \$1,040,200	LIFE	* *		C
		ent : Severe, Area Affecte				
		The Concrete Bulkhead U	nder Span	3 On The Right Si	ide Is Spalled On Rotting	
D.	Timber Cri	bbing.	LIDE	* *		
Riprap	100%		LIFE	* *		C
Timber	100%		2033	- · · · · · · · · · · · · · · · · · · ·		С
Mat (scour & erosion)	1000/					ъ
Not Accessible	100%					D
Pier Protection Timber	10%	0-2 \$109,100	LIFE	* *		В
Timber		ing Element, Extent : Mod				Ь
		Pier 3 & 5 Right Side Dol		a ryjecica : 2070		
		t : Moderate, Area Affect				
	Location : I		ca . 2070			
		acked, Extent : Moderate,	Area Affe	cted : 20%		
	Location : I		33			
		vation, Extent : Moderate,	Area Affe	cted : 10%		
	Location : I		33			
		ı : Exhibits Impact Dama	ge To Dol _l	ohins.		
Timber	90%		LIFE	* *		В
1 41		vation, Extent : Light, Are		: 1%		2
	Location:		00			
		ı : New Pier Protection.				

Approaches

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 ${\it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2468

Bridge Structure	Current Repair	Future Replac	ement	M	aintenance		
System Component Type	% of Fail Date Estimate Total (Years)	ed Cost Year Estimat	ed Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches							
Pavement	1000/	2020	ale ale		400.000	~	
Asphalt	100%	2029	* *	4	\$80,000	С	
Curbs	1000/	LIEE	* *				
Concrete w/ Steel Face	100%	LIFE	* *			A	
Guide Railing	1000/	LIEE	* *	2.0			
Steel Pavement Base	100%	LIFE		2-8		A	
Not Accessible	100%					D	
Sidewalks	100%					D	
Concrete	100%	LIFE	* *			С	
Piers	10070	LIFE					
Cap Beam							
Concrete	100%	LIFE	* *			A	
Concrete	Other Observation, Extent: Lig					11	
	Location: Piers 6 & 7.	J_{J}					
	Explanation : Concrete Cap I	Beam					
Stem,Solid Pier	•						
Concrete	100%	LIFE	* *			В	
	Other Observation, Extent : Lig	ght, Area Affected : 1%					
	Location: Piers 1 - 3 & 5 Thi	ч. 7.					
	Explanation : Concrete Pier S	Stem					
Granite	100%	LIFE	* *			В	
	Other Observation, Extent: Lig Location: Pier 3 & 5.						
	Explanation : Granite Facade	2.					
Brngs,Ancr Blts,Pads	100-1	-0					
Elastomeric	100%	2055	* *			Α	
	Other Observation, Extent: Lig						
	Location: Piers 1 - 3 & 5 Th						
	Explanation : Elastomeric Br						
Steel	100%	LIFE	* *	2-8		Α	
	Other Observation, Extent: Lig	ght, Area Affected : 1%					
	Location: Piers 3, 4, 5.	~					
	Explanation: Steel Brgs. For	Spans 4 & 5.					
Footings	1000/					-	
Not Accessible	100%					D	
Pedestals	1000/	LIDE	* *			ъ	
Concrete	100%	LIFE	* *			В	
Deck Elements							
Curbs Concrete w/ Steel Face	1000/	LIDD	* *			٨	
Concrete w/ Steel Face	100% Other Observation, Extent: Lig	LIFE	4. 4.			Α	
	Location: Spans 1 - 3 & 6 Th						
	Explanation: Spans 1 - 3 & 6						
Guida Pailina	<u> Емринанон</u> . Spans 1 - 5 & 0	тии. О.					
Guide Railing	100%	I IEE	* *			٨	
Steel	100%	LIFE	* *			A	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Bridge Structure	Current Repair	Future Replacement		M	Maintenance				
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Deck Elements									
Railings/Parapets									
Steel	75%	LIFE	* *	2-8	\$46,900	Α			
	Other Observation, Extent: Light, A	Area Affected : 1%							
	Location : Spans 1 - 3 & 6 - 8.								
	Explanation: Chain Link Fence B								
Steel	25%	LIFE	* *	2-8	\$46,900	A			
	Other Observation, Extent: Light, A	Area Affected : 1%							
	Location: Spans 4 & 5.								
	Explanation : Chain Link Fence A	and Pedestrian Railii	ng On Both	Sides.					
Sidewalks	1000/	2025	* *	~	Φ20,000	C			
Concrete	100%	2035	* *	5	\$29,000	C			
	Other Observation, Extent: Light, Area Affected: 1% Location: Spans 1 - 3 & 6 Thru. 8.								
	-								
	Explanation: Spans 1 - 3 & 6 Thr		* *						
Grating w/ Concrete	100%	2055	* *			C			
	Other Observation, Extent: Light, A	Area Affected : 1%							
	Location: Spans 4 & 5.								
W . G .C	Explanation: Spans 4 & 5.								
Wearing Surface	1000/	2020	* *	_	¢45 500	C			
Asphalt	100%	2030		5	\$45,500	С			
uperstructure Deck,Structural									
Concrete	100%	LIFE	* *	5	\$138,300	A			
Concrete	Other Observation, Extent : Light, A			3	\$136,300	A			
	Location: Spans 1, 3 & 6 Thru. 8.								
	Explanation: Spans 1, 3 & 6 Thru								
Grating w/ Congreta	100%	LIFE	* *			A			
Grating w/ Concrete	Other Observation, Extent: Light, A					А			
	Location: Spans 4 & 5.	ней Ајјестей . 170							
	Explanation: Spans 4 & 5.								
Joints	Explanation : Spans 4 & 5.								
Steel	100%	LIFE	* *			C			
Steel	Other Observation, Extent : Light, A					C			
	Location: Piers 3 & 5.	rearyceiea : 170							
	Explanation: Piers 3 & 5.								
Generic	100%	LIFE	* *			C			
Generic	Other Observation, Extent: Light, A					C			
	Location: Piers 1, 2 & 6 Thru. 7.	nearyjeetea . 1/0							
		7							
	Explanation: Piers 1, 2 & 6 Thru.	. /.							

Asset #: 2468

Bridge Structure	Current Repair	Future Replac	cement	M					
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code			
Superstructure									
Primary Member									
Concrete	100%	LIFE	* *	5		A			
	Other Observation, Extent : Light, Area Affected : 1%								
	Location: Span 2.								
	Explanation: Span 2.								
Steel	100%	LIFE	* *	2-8	\$2,707,800	A			
	Other Observation, Extent: Light, Area Affected: 1%								
	Location: Spans 1, 3 & 6 Thru. 8.								
	Explanation: Spans 1, 3 & 6 Th								
Secondary Member	•								
Steel	100%	LIFE	* *	2-8	\$1,092,600	В			
	Other Observation, Extent: Light, Area Affected: 1%								
	Location: Spans 1, 3 & 6 Thru.	8.							
	Explanation: Spans 1, 3 & 6 Thru. 8.								
Movable Bridges									
Swing Span Truss									
Steel	100%	LIFE	* *			A			
Swing Span Pivot Pier									
Concrete	100%	LIFE	* *			A			

Bridge Electrical		Current Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Communication Electrical								
Intercom								
Generic	100%		2025	\$14,000			В	
Telephone								
Desk Top	100%		2025				В	
Control System Electrical								
Computer								
PLC	100%	Now \$1,200	2025	\$24,000			В	
	Other Obs	servation, Extent : Moderate,	Area Affe	ected : 20%				
	Location	n : Machinery Room						
	Explana	tion : Ups For Plc Power Has	Failed A	And Is Bypassed.				
Control Console								
Stainless Steel	100%		LIFE	* *			В	
Control Devices								
Relay	100%		2045	* *			В	
Disconnect Switch								
Non Fused	100%		2045	* *	1	\$35,900	В	
Limit Switch								
Generic	100%		2045	* *			В	
Local Starter								
Magnetic	100%		2045	* *			В	

Drive

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2468

Bridge Electrical		Current Repair		e Replacement	M		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Drive							
Machinery Brake							
Thruster	100%		2055	* *	1	\$600	В
Motor Brake							
Thruster	100%		2055	* *	1	\$1,100	В
Electrical Power							
MCC							
Generic	100%		2045	* *			В
PanelBoard							
Circuit Breaker	100%		2045	* *	1	\$6,700	В
Transfer Switch							
Auto	100%		2045	* *			В
Transformer							
Dry	100%		2045	* *			В
Exterior Lighting							
Lighting Contactor							
Generic	100%		2045	* *	1	\$5,600	В
Lighting Fixture							
HID	100%		2025				В
Ground/Lightning Protection							
Ground Bus							
Copper	100%		2030	* *			В
Ground Rod							
Not Accessible	100%						D
Ground Wire							
Green	100%		2030	* *			В
Lightning Terminals							
Copper	100%		2025	\$1,300			В
Interior Lighting							
Exit Lighting							
Battery Operated	100%		2030	* *			В
Lighting Fixture							
Fluorescent	100%		2030	* *	1	\$5,600	В
Navigation Lighting							
Fender Lighting							
Incandescent	100%		2025		1	\$3,400	В
Pier Lighting							
Incandescent	100%		2025		1	\$4,500	В
Span Lighting							
Incandescent	100%		2025		1	\$2,300	В
Raceway							
Box							
Terminal	100%		2035	* *	1	\$4,500	В
Collector Ring							
Metal	100%		2035	* *			В
Communications							
Twisted Shielded pair	100%		2025				В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2468

Bridge Electrical		Current Repair	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Raceway							
Conduit							
Metal	100%		2065	* *			В
Submarine Control Cables							
Control	100%		2030	* *			В
Submarine Power Cable							
Power	100%		2030	* *			В
Wires							
Thermoplastic	100%		2045	* *			В
Stand-by Power							
Transfer Switch							
Auto	100%		2045	* *			В
Traffic System Electrical							
Barrier Gate Lighting							
Incandescent	100%		2025		1	\$1,100	В
Traffic Gate Lighting							
Incandescent	100%		2025		1	\$1,100	В
Traffic Gong							
Generic	100%		2025		1	\$600	В
Traffic Signal							
Generic	100%		2025		1	\$600	В

idge Mechanical		Current Repai	r	Futur	e Replacement	M	aintenance	
stem Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ing								
Center Latch								
Generic	100%			2065	* *	2	\$22,500	В
Center Pivot/Rim Assembly								
Generic	100%			2065	* *	2	\$67,400	В
Emergency Drive								
Emergency Power	100%			2065	* *	2	\$44,900	В
End Lift								
Generic	100%	Now	\$24,500	2065	* *	2	\$35,900	В
	Other Observation, Extent : Light, Area Affected : 2%							
	Location	: End Lift						
	Explanat	ion : Minor Oil	Leakage. One	Wheel I	Does Not Have Ful	l Bearing	3	
Fuel Tanks								
Generic	100%			2045	* *			В
Houses								
Control House	100%	Now	\$4,600	2065	* *			В
	Other Obs	ervation, Extent	: Light, Area	Affected	: 2%			
	Location	: Bathroom						
	Explanat	ion : Plumbing	For The Bath	room Red	quires Repair.			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Bridge Mechanical	(Current Repair	Futur	e Replacement	M	aintenance	
System Component Type		Tail Date Estimated C (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Swing							
Main Drive System							
Generic	Other Obser	Now \$13,80 vation, Extent : Light, A Drive Machinery		* *	2	\$179,600	В
	Explanatio Gauge	n : Pinion Bearing Boli	s Require Pa	int. Secondary Red	lucers D	o Not Have Sight	
Generic	50%		2065	* *	2	\$224,500	В
Live Load Supports							
Generic	100%		2040	* *			В
Traffic Devices							
Barrier Gate	100%		2040	* *			В
Warning Gate	100%	Now \$6,30	0 2040	* *			В
C	Other Obser	vation, Extent : Light, A	rea Affected	: 2%			
	Location:	Nw & Ne Gate					
	Explanatio	n: Two Cwt Arms Are	Bent.				

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK

Address : BELT SHORE PKWY AT FRESH CREEK

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0134.000 / 4214 Yr Built/Renovated : 1931 /

Area Sq Ft : 23,021 Project Type : WATERWAY BRIDGES

Date of Survey : 16-Jul-2008 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2231509

CAPITAL	FY 2016 - 2019	FY 2020 - 202		
Bridge Structure	\$7,618,500	\$1,905,300		
Total	\$7,618,500	\$1,905,300		
Priority A	\$7,049,400	\$418,100		
Priority B	\$474,000	\$418,100		
Priority C	\$95,100	\$1,069,200		
Total	\$7,618,500	\$1,905,300		

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$37,600		\$84,400	
Total	\$37,600		\$84,400	
Priority A	\$4,900		\$42,500	
Priority B			\$41,900	
Priority C	\$32,800			
Total	\$37,600		\$84,400	



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.

Asset #: 4214

Bridge Structure		Current I	Repair	Futur	e Replacement	M	laintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
butments	•							
Bridge Seat&pedestals Not Accessible	Location	:	Extent : Light, Area					D
Backwall	Expianai	ion : Ine I	Bridge Abutments	vere ken	abilitatea Since La	ist inspec	споп.	
Not Accessible	100%							D
Brngs, Ancr Blts, Pads Not Accessible	100%							D
Footings	10070							<u>D</u>
Not Accessible	100%							D
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			В
Pedestals								
Not Accessible	100%							D
Stem (breastwall)	1000/		42 5 5 5 0 0		* *			
Concrete	Location Spalling, I	: Random Extent : Lig	ht, Area Affected :					В
	Location	: Random						
ringwalls Footings Not Accessible	Location	:	Extent : Light, Ared				atan.	D
Mat (scour & erosion)	Expianai	non : I ne I	Bridge Wingwalls 1	vere Kend	авинатеа Since La	st inspec	enon.	
Earth	100%			LIFE	* *			С
Piles								
Not Accessible	100%							D
Walls								
Concrete	50%			LIFE	* *			C
Concrete	Location Spalling, I	: Beginnir Extent : Mo	\$95,100 ent, Extent : Mode ng Abutment oderate, Area Affec ng Abutment		* * n Affected : 2%			С
tream Channel	Locuion	. Degiiiii	18 110 mmen					
Bank Protection	100%			LIFE	* *			С
Riprap Mat (scour & erosion)	100%			LIFE				C
Stream Bed	100%			LIFE	* *			A
Pier Protection Timber		4+ tent : Ligh : Through	\$135,400 t, Area Affected : 2 out	LIFE	* *			В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4214

Bridge Structure	Current Repair	Future Replace	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimate FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches Pavement Asphalt	100% 4+ \$10,40 Cracks, Extent : Light, Area Affecte Location : Along Center Line And	ed:5%	20,700	4	\$7,900	С
Curbs Concrete	100% 4+ \$1,30 Cracks, Extent: Light, Area Affecte Location: Random Old Repair, Extent: Light, Area Aff Location: Random Spalling, Extent: Light, Area Affect Location: Random	ed : 2% fected : 5%	* *			A
Embankment Generic	100%	LIFE	* *			С
Guide Railing Steel	100% 4+ \$2,90 Damaged Railing, Extent : Light, A Location : Random	00 LIFE	* *	2-8	\$5,300	A
Mat (scour & erosion)						
Earth	100%	LIFE	* *			A
Pavement Base Not Accessible	100%					D
Sidewalks Asphalt	100% 4+ \$1,90 Spalling, Extent : Light, Area Affect Location : Random		38,500	4	\$1,200	С
Piers						
Cap Beam Concrete	100% 4+ \$58,20 Cracks, Extent: Light, Area Affecte Location: Random Exposed Reinforcement, Extent: Li Location: Random Other Observation, Extent: Severe, Location: Piers Explanation: The Bridge Pier Ca	ed : 2% ght, Area Affected : 1% Area Affected : 100%		st Inspec	tion.	A
Pier,Columns Concrete	100% Other Observation, Extent : Moderd Location : Pier Columns Explanation : The Bridge Pier Co			Last Ins	pection.	В
Brngs,Ancr Blts,Pads	2.100		2	2.20		
Not Accessible	100%					D
Footings Not Accessible Mat (scour & erosion)	100%					D
Not Accessible	100%					D

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4214

idge Structure	Current Repair	Future	Future Replacement		Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
iers						
Pedestals	1000		ata ata			
Concrete	100% Other Observation, Extent: Modera Location: Pier Pedestals Explanation: The Bridge Piers Pe			ce Last Ii	nspection.	В
eck Elements						
Curbs						
Concrete	100% Old Repair, Extent : Light, Area Affo Location : Random	2039 ected : 5%	* *			A
Guide Railing						
Steel	100%	LIFE	* *			A
Median	0.504		ata ata	_	Φ2.000	
Concrete	95%	LIFE	* *	5	\$2,000	A
Concrete	5% 4+ \$70 Old Repair, Extent : Light, Area Affo Location : Random Spalling, Extent : Light, Area Affecto Location : Throughout	ected : 5%	* *	5	\$2,000	A
Railings/Parapets Steel	100% 4+ \$36,40 Corrosion, Extent : Light, Area Affec Location : Random		* *	2-8	\$11,200	A
Sidewalks						
Concrete	100% 4+ \$3,40 Cracks, Extent : Light, Area Affected Location : Right And Left Sidewalk	d:5%	\$169,600	5	\$1,300	С
Wearing Surface						
Asphalt	100% 4+ \$17,00 Cracks, Extent : Light, Area Affected Location : Over Piers And At Abut Old Repair, Extent : Light, Area Affa Location : Over Pier	d : 5% ments	\$340,400	5	\$14,200	С
uperstructure						
Deck,Structural						
Concrete	100% Other Observation, Extent: Modera Location: Underside			5	\$23,200	A
Titure	Explanation : The Bridge Deck Wa	as Rehabilitate	d Since Last Insp	ection.		
Joints Not Accessible	100% Other Observation, Extent: Light, A Location: Explanation: Joints Paved Over	rea Affected :	100%			D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Superstructure									
Primary Member									
Steel	80%			LIFE	* *	2-8	\$390,400	A	
Steel	20%	4+	\$6,954,800	LIFE	* *	2-8	\$390,400	A	
	Corrosion	Extent : L	ight, Area Affectea	1:30%					
	Location	:							
Secondary Member									
Steel	90%			LIFE	* *	2-8	\$327,100	В	
Steel	10%	4+	\$72,000	LIFE	* *	2-8	\$327,100	В	
	Corrosion	Extent : L	ight, Area Affectea	1:30%					
	Location	: Random							

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER

Address : HARLEM RIVER, B'WAY

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0044.070 / 2558 Yr Built/Renovated :

Area Sq Ft : 38,100 Project Type : WATERWAY BRIDGES

Date of Survey : 28-May-2014 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240137

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$5,175,000	\$1,638,600
Bridge Electrical	\$2,359,500	\$5,395,300
Bridge Mechanical	\$3,561,100	
Total	\$11,095,500	\$7,033,900
Priority A	\$4,459,100	\$753,500
Priority B	\$6,297,300	\$5,772,100
Priority C	\$339,200	\$508,300
Total	\$11,095,500	\$7,033,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019		
Bridge Structure	\$309,100		\$120,900			
Bridge Electrical	\$84,200					
Bridge Mechanical	\$31,100					
Total	\$424,400		\$120,900			
Priority A	\$191,200		\$77,000			
Priority B	\$201,500	\$37,800		\$37,800		
Priority C	\$31,700		\$6,000			
Total	\$424,400		\$120,900			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2558

Bridge Structure	Current Repair	Future Replacen	nent Maintenance	
ystem Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated FY	Cost Cycle Estimated (Yrs)	Cost Priorit
outments		•	•	
Bridge Seat&pedestals				_
Not Accessible	100%	1 1000/		D
	Other Observation, Extent: Light,		Essert Off Asses	
	Location: North Abutment - Mta			
Backwall	Explanation: North Abutment - M	Ata Irack. South Abutme	nt - Fencea Off Area.	
Granite	100%	LIFE	* *	С
Granic	Other Observation, Extent: Light,			C
	Location: Begin Abutment	in cu rijjecicu . 170		
	Explanation: Begin Abutment			
Not Accessible	100%			D
Not Accessible	Other Observation, Extent: Light,	Area Affected · 0%		D
	Location: North Abutment - Mta	==		
	Explanation: North Abutment - M			
Brngs,Ancr Blts,Pads	Expression : 1101111 Houmetti - 19	2.07 27 00000		
Not Accessible	100%			D
1 (of 1 ledessione	Other Observation, Extent: Light,	Area Affected : 0%		D
	Location : North Abutment - Mta		Fenced Off Area.	
	Explanation : North Abutment - M			
Footings	1		33	
Not Accessible	100%			D
Joint with Deck				
Steel	100%	LIFE	* *	В
	Other Observation, Extent: Light,	Area Affected : 1%		
	Location: End Abutment			
	Explanation: End Abutment			
Generic	100%	LIFE	* *	В
	Other Observation, Extent: Light,	Area Affected : 1%		
	Location: Begin Abutment			
	Explanation: Begin Abutment			
Mat (scour & erosion)				
Earth	100%	LIFE	* *	В
Pedestals				
Concrete	90%	LIFE	* *	A
Concrete	10% 2-4 \$5	00 LIFE	* *	A
	Exposed Reinforcement, Extent: M		20%	
	Location: End Abutment Center	Pedestal		
	Spalling, Extent : Moderate, Area A			
	Location: End Abutment Center	Pedestal		
Stem (breastwall)				
Concrete	100%	LIFE	* *	В
Walls				
Not Accessible	100%			D
ingwalls				
Footings	1000/			_
Not Accessible	100%			D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2558

Bridge Structure	Curren	t Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vingwalls							
Mat (scour & erosion)							
Earth	100%		LIFE	* *			С
Walls	1000/ 2.4	\$22.4.7 00		* *			~
Concrete	100% 2-4	\$224,500	LIFE	* *			C
		ght, Area Affected: I	10%				
	_	And End Abutments : Moderate, Area Affo	Control : 50	0/2			
		. Moderdie, Ared Ajj Abutment Left Side.	eciea . 57				
		Light, Area Affected :	20%				
		And End Abutments					
		, Extent : Light, Area	ı Affected	! : 20%			
	Location: Begin	Abutment					
tream Channel							
Bank Protection							
Concrete	100% 4+	\$12,400	LIFE	* *			C
		Light, Area Affected :	5%				
	Location : North	Bank					
Riprap	75%		LIFE	* *			C
Riprap	25% 0-2	\$3,400	LIFE	* *			C
		Ioderate, Area Affect					
	Location : Missin	ng Riprap Causing Er	rosion Of		Abutmer	ıt	
Timber	100%		2030	* *			С
Mat (scour & erosion)	100-						_
Not Accessible	100%						D
Pier Protection	000/		, in	* *			ъ
Timber	80%	¢17.600	LIFE	* *			В
Timber	20% 4+	\$17,600 oderate, Area Affecte	LIFE	* *			В
		naeraie, Area Affecie. 1 & 2 Top Of Dolphii					
pproaches	Location . Tiers	1 & 2 10p Oj Doipiii	i i iies.				
Pavement							
Asphalt	100%		2030	* *	4	\$12,100	C
Curbs						+,	
Concrete w/ Steel Face	100%		LIFE	* *			Α
Embankment							
Earth	100%		LIFE	* *			C
Mat (scour & erosion)							
Earth	100%		LIFE	* *			Α
Sidewalks							
Concrete	100%		LIFE	* *			C
iers							
Footings	400-						_
Not Accessible	100%		1.00	00/			D
		, Extent : Light, Area	Affected	: 0%			
	Location: Piers						
	Explanation : Pie	ers 1 & 2.					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2558

ridge Structure	Current Rep	air Futu	re Replacement	N	aintenance	
rstem Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori Co
ers						
Mat (scour & erosion)						
Not Accessible	100%					D
Pedestals						_
Concrete	100%	LIFE	**			В
	Other Observation, Exte	nt : Light, Area Affected	t : 1%			
	Location: Piers 1 & 2.	2.2				
1. 171	Explanation : Piers 1 &	½ 2.				
ck Elements						
Curbs	1000/	LIDE	* *			٨
Steel	100%	LIFE				A
Gratings Steel	100%	LIFE	* *			٨
Steel	Other Observation, Exte					Α
	Location : Span 2	и . Ligii, Агей Ајјестес	1.1/0			
	Explanation: Grating	On Sidewalk Retween T	russ Members			
Median	Explanation . Graing	On Sidewaik Deiween 1	russ members			
Steel	100%	LIFE	* *	4-8	\$65,900	A
Mono Deck Surface	10070	<u> </u>		10	Ψ05,200	- 11
Concrete	90%	2045	* *	5	\$186,000	C
Concrete	10% 4+	\$2,300 2045	* *	5	\$93,000	C
Concrete	Cracks, Extent : Modera			5	Ψ,2,000	Č
	Location : Spans 1 & 3					
Railings/Parapets	<u> </u>					
Steel	33%	LIFE	* *	2-8	\$33,800	A
	Other Observation, Exte	nt : Light, Area Affected	d: 1%		. ,	
	Location: Span 2					
	Explanation : Steel Rai	ling And High Fence O	n Each Side.			
Steel	67%	LIFE	* *	2-8	\$33,800	A
	Other Observation, Exte	nt : Light, Area Affected	d: 1%		. ,	
	Location: Spans 1 & 3					
	Explanation : Steel Rai	ling On Each Side.				
Sidewalks						
Grating w/ Concrete	100%	2045	* *			C
Wearing Surface						
Concrete	90%	2034	* *	5	\$84,100	C
Concrete	10% 4+	\$2,900 2034	* *	5	\$42,000	C
	Cracks, Extent : Modera					
	Location: Spans 1 & 3					
Steel Grating	90%	LIFE	* *	5	\$145,300	С
-	Other Observation, Exte	nt : Light, Area Affected	d : 1%			
	Location: Span 2					
	Explanation: Span 2					
Steel Grating	10% Now	\$10,700 LIFE	* *	5	\$72,600	С
5	Broken, Missing Pave, Ex	' '	Affected : 10%		. ,	
	Location : Pier 2					

Superstructure

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2558

Bridge Structure	Current Repair	Future Replaceme	nt	M	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated (FY	Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure						
Deck,Structural						
Concrete	100%	LIFE	* *	5	\$28,600	Α
Joints						
Steel	100%	LIFE	* *			C
	Other Observation, Extent : Light, A	Area Affected : 1%				
	Location: Pier 2					
	Explanation: Pier 2					
Steel Finger Joints	100%	2053	* *			С
<u> </u>	Other Observation, Extent: Light, A	Area Affected : 1%				
	Location: Pier 1					
	Explanation : Pier 1					
Primary Member	-					
Steel	90%	LIFE	* *	2-8	\$1,206,100	A
Steel	10% 4+ \$922,1	00 LIFE	* *	2-8	\$703,700	A
	Corrosion, Extent : Moderate, Area	a Affected : 20%				
	Location: Spans 1 & 3 Stringers	Below The Joints At Abutm	ents A	nd Pier	s.	
	Loss of Section, Extent: Moderate,	Area Affected : 50%				
	Location: Spans 1 & 3 Stringers		ents A	nd Pier	s.	
Secondary Member						
Steel	100%	LIFE	* *	2-8	\$1,034,800	В
Movable Bridges					, , ,	
Vertical Lift Span						
Steel	85%	LIFE	* *			A
Steel	10% 2-4 \$1,051,7		* *			A
2323	Other Observation, Extent: Severe					
	Location : Span 2	, 33				
	Explanation : Random Areas Of C	Corrosion And Section Loss				
Steel	5% Now \$1,051,7		* *			A
Steel	Other Observation, Extent: Severe					Λ
	Location: Span 2	, meangeciea . 1570				
	Explanation : Span 2 Has 17 Flag	and Locations				
Vertical Lift Tower	Explanation : Span 2 Has 17 Plas	ggeu Locuitons.				
Steel	100%	LIFE	* *			A
Vertical Lift Pier	100/0	LIIT	-			А
Concrete	80%	LIFE	* *			٨
			* *			A
Concrete	20% 4+ \$1,056,9 Other Observation, Extent: Modern					A
	Location : Piers 1 And 2 Cap Bea					
	-	шы				
	Explanation: Cracks And Spalls					

Bridge Electrical	Current Repa	ir Futur	e Replacement	Ma	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Communication Electrical

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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DEPARTMENT OF TRANSPORTATION - 841 BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER

Asset #: 2558

Bridge Electrical	Current	Repair	Future	Replacement	Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year l FY	Estimated Cost	Cycle Estimated Co (Yrs)	est Priorit Cod
Communication Electrical						
Communications						
Generic	100% Now	\$33,500	2025	\$33,500		В
	Other Observation, I		ea Affected	: 100%		
	Location : Entire E	_				
	Explanation: 100%	% System Obsolete 1	And Inoper	rative.		
Control System Electrical						
Control Console	1000/ 17	#17.000	LIPP	* *		D
Stainless Steel	100% Now	\$17,800	LIFE			В
	Other Observation, I	_	Affectea :	20%		
	Location : Bridge		. C	Minning Come I	diamian Italia Na	
	Explanation : Key Functioning	Covers 10 Overriae	e Switches	Missing. Some In	dication Lights Not	
Disconnect Switch	Tunctioning					
Generic	100%		2023	\$66,900		В
Limit Switch				+		
Generic	100%		2023	\$123,400		В
Electrical Power				, ,, ,,		
Dist Equip & Motor Contro	11					
Generic	100% Now	\$697,400	2023	\$3,487,000		В
	Other Observation, I	Extent : Light, Area	Affected:	100%		
	Location : Motor C	Control Center				
	Explanation: Brid	ge Not Operable D	ue To Cont	rol System Issues	S.	
Raceway						
Submarine Control Cables						
Generic	100% 2-4	\$1,612,000	2030	* *		В
	Other Observation, I		Area Affect	ted : 50%		
	Location: Submar					
	Explanation : No S	pares Remaining. (Conductors	Fail Randomly.		
Wiring						_
Generic	100%		2023	\$1,553,500		В
Traffic System Electrical						
Traffic Signal	1000/ 17	ф 22 000	2020	¢1.64.600		ъ
Generic	100% Now	\$32,900	2020	\$164,600		В
	Other Observation, I Location : All	Extent : Lignt, Area	Ајјестеа :	7370		
		ananaund Canduit I	Damagad (Congs Not Onorga	tional	
ighting	Explanation : Und	ergrouna Conault L	zamagea C	iongs ivoi Operai	ини.	
ighting Lighting Devices						
Generic	100% Now	\$50,100	2029	* *		В
Generic	Other Observation, I					ט
	Location : West Lig		. ijjecieu .	20/0		
	Explanation: The	-	r	I. M.:		

Bridge Mechanical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Con Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code

Vertical Lift

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

ridge Mechanical		Current R	lepair	Futur	e Replacement	N	laintenance	
stem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
rtical Lift								
Buffers								
Generic	Location Explanat	: Air Buffe ion : Some	\$31,100 Extent : Moderate, A ers Broken Fittings, C Have Not Worked I	one Uppe	er Buffer Is Stuck l	In Up Pos	sition. Upper	В
CTRWT Ropes & Guides	Bujjers H	ppeur 101	Tave Trot Worked I	n gome 1				
Generic			\$80,700 extent : Moderate, A and Guides.	2040 Area Affe	* * ected : 10%			В
	-	ion : No O _l ated Debri:		. North S	Span Guide Rails I	Bent. Pige	eon Droppings And	!
Counter Weight								
Auxiliary CTRWT	100%			2040	* *			В
Main CTRWT	Location	: Tops Of	\$79,100 extent : Moderate, A Counterweight					В
	-		Tower Not Access and Debris.	sible. Top	o Of South Tower	Has Som	e Coverage Of	
Elevators Generic	100%	Now	\$273,000	2028	* *			В
	Location	: North An	xtent : Severe, Are d South Elevators. Elevators Are Not					
Emergency Drive	1			1				
Emergency Power	Location	: Emergen	=		* * ! : 100%			В
F. 11 1 .	Explanat	ion : No O	peration Observed					
End Locks With Motor		Now ervation, E : Span Loc	\$86,600 Extent : Moderate, 1 Eks	2040 Area Affe	* * ected : 10%			В
			lotor Coupling Not Iotor Feet, Adj Red		l, Damaged Seals,	Missing	Shaft End Covers,	

Bridge Mechanical	Current Repair Future Replacement Maintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost FY Cycle Estimated Cost (Yrs)	Priority Code
ertical Lift		
Houses		
Access Ways	100% Now \$61,800 2028 **	В
	Other Observation, Extent: Moderate, Area Affected: 80%	
	Location: All Areas	
G + 111	Explanation : Access Ways Are Covered In Pigeon Droppings. 100% Now \$43,500 2028 **	D
Control House	100/0 NOW \$43,300 2020	В
	Other Observation, Extent : Light, Area Affected : 5% Location : Control House	
	Explanation: Plumbing Not Working. Broken Window.	
Machinery Doom		D
Machinery Room	100% Now \$151,200 2040 ** Other Observation, Extent: Light, Area Affected: 20%	В
	Location : South Machine Room, North Machine Room Not Accessible	
	Explanation: South Machine Room - Broken Window And Corner Room Covered In Pigeon	
	Droppings. North Tower Not Accessible	
Main Drive System	11.0	
Generic	100% Now \$749,200 2040 **	В
	Other Observation, Extent: Moderate, Area Affected: 20%	
	Location: South Machine Room, North Not Accessible	
	Explanation: Not Operational. South Tower Sheave Rooms Covered In Pigeon Droppings And One Motor Brake Is Not Functioning.	
Sheaves		
Generic	100% 4+ \$857,900 2040 **	В
	Other Observation, Extent: Moderate, Area Affected: 5%	
	Location: South Machinery Room, North Not Accessible	
	Explanation: Sheave Rooms Covered In Pigeon Droppings. No Operation Observed. Check During Operation	
Live Load Supports	Zuring Operanion	
Generic	100% Now \$35,400 2028 **	В
	Other Observation, Extent: Moderate, Area Affected: 10%	
	Location: Southwest	
	Explanation: Movement At Live Load Support Under Traffic Loading.	
Traffic Devices		
Barrier Gate	100% Now \$788,200 2028 **	В
	Other Observation, Extent : Severe, Area Affected : 50%	
	Location: Barrier Gates	
	Explanation: South Net Requires Adjustment. North Gate Net Missing. Repairs Required	
Warning Gate	100% Now \$354,600 2040 **	В
	Other Observation, Extent : Severe, Area Affected : 100%	
	Location: Warning Gates	
	Explanation: All Gates Are Not Functioning, Crash Trucks Are Used Instead. Some Pedestrian Arm Missing.	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 533

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER

Address : HARLEM RIVER, B'WAY

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0044.080 / 2559 Yr Built/Renovated :

Area Sq Ft : 38,100 Project Type : WATERWAY BRIDGES

Date of Survey : 18-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240138

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$950,400	\$375,200
Total	\$950,400	\$375,200
Priority A	\$285,100	
Priority B	\$540,500	
Priority C	\$124,700	\$375,200
Total	\$950,400	\$375,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$43,000		\$800	
Total	\$43,000		\$800	
Priority A	\$4,800		\$800	
Priority C	\$38,200			
Total	\$43,000		\$800	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER

Asset #: 2559

Bridge Structure		Current F	Repair	Futur	e Replacement	N	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	* *			В
Mat (scour & erosion) Earth	100%			LIFE	* *			В
Pedestals Not Accessible	100%							D
Stem (breastwall) Not Accessible	100%							D
Walls Not Accessible	100%							D
Wingwalls	10070							
Footings								
Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			С
Piles Not Accessible	100%							D
Walls								
Concrete		4+ tent : Ligh : Southeas	\$3,300 at, Area Affected : 2 st Wall	LIFE 20%	* *			С
Concrete	98%			LIFE	* *			С
Stream Channel Bank Protection								
Timber		4+ ssing Elen : Both Abi	\$124,700 nent, Extent : Light utments	2029 , Area A <u>f</u>	* * fected : 50%			С
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pier Protection								
Timber		4+ ssing Elen : Both Abi	\$540,500 nent, Extent: Light	LIFE , Area A <u>f</u>	* * fected : 50%			В

Approaches

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER

Asset #: 2559

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches				•				
Pavement								
Asphalt	Location Spalling,	xtent : Ligh 1 : South A _l	ht, Area Affected :		\$375,200	4	\$4,800	С
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Railings/Parapets								
Steel	100%	4+	\$4,800	LIFE	* *			A
	Location Misaligne Location Other Obs	1: Through d/Bulging, 1: North Ap servation, E 1: South Ap	Extent : Light, Ared oproach, East Side Extent : Light, Area	a Affecte Affected	! : 100%			
Sidewalks			8		TT			
Concrete	Location Spalling,	t, Extent : L 1 : South Ar Extent : Lig	\$16,600 .ight, Area Affected ad North Approach ht, Area Affected : ad North Approach	es 5%	* *			С
Piers								
Cap Beam								
Not Accessible	100%							D
Pier,Columns								
Not Accessible	100%							D
Stem,Solid Pier								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings				_				
Not Accessible	100%							D
Pedestals				_				
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER

Bridge Structure	Current Repair	Future Replacem	ent	M		
System Component Type	% of Fail Date Estimated (Years)	Cost Year Estimated FY	Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements						
Gratings						
Steel	100% 0-2 \$204,		* *			Α
	Broken/Missing Element, Extent:		5%			
	Location: Broken Welds At Gra	-				
	Other Observation, Extent : Light,	Area Affected: 80%				
	Location: Deck	11.6.16.1.01				
G : 1 P :::	Explanation: 80 Percent Of Dec	ck Is Steel Grating Only				
Guide Railing	1000/	LIDD	* *			A
Steel	100%	LIFE				Α
Median Steel	100%	LIFE	* *	4-8		٨
Mono Deck Surface	100%	LIFE		4-0		A
Grating w/ Concrete	100% 2-4 \$10,	800 2044	* *	5	\$15,900	С
Grating w/ Concrete	Other Observation, Extent : Mode			3	\$15,900	C
	Location: Throughout	ruie, meu mjecieu . 1570				
	Explanation : Cracks And Spalli	no				
Stool Grating	100%	2044	* *			С
Steel Grating	Other Observation, Extent : Light,					C
	Location: Throughout	Area Affectea . 100/0				
	Explanation: Repair Is Account	ad For In Staal Grating Co	mnone	ent Above	2	
Railings/Parapets	Explanation : Repair 13 Account	ed I of In Sieel Graiing Co	тропе	111 1100 VE	*	
Steel	100% 4+ \$80,	700 LIFE	* *	2-8	\$21,200	A
Steel	Corrosion, Extent : Light, Area Af			2 0	Ψ21,200	71
	Location: Throughout	,				
	Rust Stains, Extent : Light, Area A	ffected : 10%				
	Location: Throughout					
	Other Observation, Extent : Light,	Area Affected : 100%				
	Location: Throughout					
	Explanation : Safety Steel Fence					
uperstructure						
Deck,Structural						
Not Accessible	100%					D
Joints						
Generic	100%	LIFE	* *			C
Primary Member						
Not Accessible	100%					D
	Other Observation, Extent : Light,	Area Affected : 0%				
	Location: Throughout					
	Explanation: Bird Nesting					
Secondary Member	100-1					-
Not Accessible	100%					D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY

Address : EASTCHESTER BAY, CITY ISL RD.

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0046.000 / 2470 Yr Built/Renovated : 1901 /

Area Sq Ft : 29,019 Project Type : WATERWAY BRIDGES

Date of Survey : 28-Oct-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240210

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$3,438,200	\$1,267,600
Total	\$3,438,200	\$1,267,600
Priority A	\$2,343,900	\$635,000
Priority B	\$877,600	\$574,500
Priority C	\$216,700	\$58,100
Total	\$3,438,200	\$1,267,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$300,900		\$124,500	
Total	\$300,900		\$124,500	
Priority A	\$198,500		\$64,700	
Priority B	\$29,300		\$57,600	
Priority C	\$73,100		\$2,200	
Total	\$300,900		\$124,500	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY

Asset #: 2470

Bridge Structure	Current	Current Repair Future Replacement Maintenance		aintenance			
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals Not Accessible	100%						D
Backwall Not Accessible	100%						D
Brngs,Ancr Blts,Pads Not Accessible	100%						D
Footings Not Accessible	100%						D
Joint with Deck							
Steel Steel	50% 50% 4+	\$24,100	LIFE LIFE	* *			B B
		oderate, Area Affecte					
	Spalling, Extent : L	nt To Joints At Both					
		igni, Area Ajjeciea . nt To Joints At Both					
	Other Observation,			00%			
	Location : Throug	_	11,500,000				
	· ·	se Repairs Are Spec	ific To The C	Concrete Heade	r		
Mat (scour & erosion)							
Riprap	100%		LIFE	* *			В
Pedestals Not Accessible	100%						D
Stem (breastwall)							
Masonry	100% 4+	\$39,000	LIFE	* *			В
	Cracks, Extent : Mo		ed : 5%				
	Location : Both A		ACC . 1 50	,			
	Efflorescence, Exter Location : Both A	butments					
	Joint Motar Miss/E Location : Deterio	rod, Extent : Modero orated Joint Mortar .					
Wingwalls							
Footings Not Accessible	100%						D
Mat (scour & erosion) Riprap	100%		LIFE	* *			С
Piles Not Accessible	100%						D
Walls							
Masonry	100% 4+ Cracks, Extent: Mo Location: Both A		LIFE ed : 10%	* *			С
	Efflorescence, Exter Location : Both A		cted : 10%				
	Joint Motar Miss/E. Location : Both A	_	Area Affectea	l : 20%			
	Misaligned/Bulging Location : Both A	=	a Affected : 2	20%			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY

Asset #: 2470

Bridge Structure	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
Stream Channel				
Bank Protection	1000/	TIEE **		C
Riprap	100%	LIFE		С
	Other Observation, Extent: Moderate Location: Random Locations Throu			
	Explanation: Vegetation	gnoui		
Mat (scour & erosion)	Explanation : Vegetation			
Generic	100%	LIFE **		A
Pier Protection				
Timber	100% 4+ \$360,400	LIFE **		В
	Split/Dry/Cracked, Extent : Light, Are Location : Center Pier	a Affected : 50%		
	Other Observation, Extent : Light, Are	ea Affected : 100%		
	Location: Center Pier			
	Explanation: Timber Fender At Cen	nter Pier Only		
Approaches Pavement				
Asphalt	75%	2026 **	4 \$4,400	C
Asphalt	25% 4+ \$25,800	2026 * *	4 \$4,400	C
	Cracks, Extent: Light, Area Affected			
	Location: Random Locations Throw	=		
	Other Observation, Extent: Light, Are			
	Location: Middle Of East Approach Explanation: Uneven Surface	ı		
Curbs	Explanation . Oneven surjuce			
Concrete w/ Steel Face	100% 4+ \$9,800	LIFE **		A
	Corrosion, Extent : Moderate, Area A			
	Location : At Steel Fencing And Ran	adom Locations Throughout		
Embankment				
Earth	100% 4+ \$1,100			C
	Erosion, Extent: Light, Area Affected	: 5%		
	Location: Localized			
	Vegetation Growth, Extent: Light, Ar	ea Affected : 100%		
	Location: Throughout			
Processed Stone	100% 4+ \$2,000			С
	Other Observation, Extent: Light, Arc Location: East Approach South Fac Scattered Throughout	ce And West Approach North	-	
	Explanation: Misaligned Stones At Face; Vegetation Growth Scattered		na west Approach North	
Guide Railing	- acc, regenuion Growin Scuieren	1 in oughout		
Concrete	100% 4+ \$1,600	2034 **	4 \$3,400	A
	Cracks, Extent: Light, Area Affected Location: Northeast Side		, , , , ,	
	Spalling, Extent: Light, Area Affected			
	Location: Random Locations Throu			
	Other Observation, Extent: Light, Ard Location: Random Locations Throu			
	Explanation: Out Of Alignment	znoui		
Note: All component repairs \$ estin	nates are in current dollars and are not esca	ulated for notantial future inflati		

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY

Bridge Structure	Current Repa	air Futur	e Replacement	M		
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches						
Mat (scour & erosion) Earth	100%	LIFE	* *			A
Railings/Parapets	4000		de de			
Steel	100% 4+ Broken/Missing Element, Location: Northwest Si Other Observation, Exter Location: Throughout Explanation: Chain Lin	de at : Light, Area Affected				A
Timber	10% Now Broken/Missing Element, Location: Southwest	\$6,000 LIFE Extent : Severe, Area A	* * Affected : 100%			A
Timber	90%	LIFE	* *			A
Sidewalks Concrete	30% 4+ Cracks, Extent: Moderat Location: Random Loc Settlement, Extent: Light Location: Random Loc	ations Throughout , Area Affected : 30%	* *			С
	Spalling, Extent: Light, A Location: Random Loc Vegetation Growth, Exter Location: Random Loc	Area Affected: 30% ations Throughout nt: Light, Area Affected ations Throughout				
Concrete	70%	LIFE	* *			С
Piers Cap Beam Steel	100%	LIFE	* *	2-8	\$234,300	A
Brngs,Ancr Blts,Pads Steel	100%	LIFE	* *	2-8	\$4,600	A
Footings						
Masonry	15% 4+ Other Observation, Exter Location : Fourth Foots Explanation : Concrete	ing From The East Abu				В
Masonry	85%	2045	* *			В
Piles Steel	100% Corrosion, Extent : Light Location : Throughout Other Observation, Exter		**			A
	Location : Throughout Explanation : Concrete		. 100/0			
Deck Elements	Empirimenton : Concrete	Zcasea Siect I iies				
Curbs						
Steel	100% 4+ Corrosion, Extent : Mode Location : Throughout	\$22,600 LIFE erate, Area Affected : 30	* *			A

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY

Asset #: 2470

Bridge Structure	Current Repair	Future Replacer	nent	М	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated FY	l Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
eck Elements						
Gratings	1000	20.45	.11.			
Grating w/ Concrete	100% Other Observation, Extent: Light, Area Location: Center 2 Spans Explanation: Bridge Swing Spans Ha Of Bridge		* *	1/2Ft x 1.	Ft Each On Sides	A
Railings/Parapets						
Steel	100% 0-2 \$275,500 Broken/Missing Element, Extent: Mode Location: Corrosion, Extent: Moderate, Area Aff	-	**: 20%	2-8	\$24,200	A
	Location:	20/0				
	Other Observation, Extent : Light, Area Location : Both Sides Of Bridge Explanation : Chain Link Fence In Fr					
Sidewalks	Explanation . Chain Link I ence in I i	oni Oj Sieei Kaiting				
Concrete	90%	2030	* *	5	\$18,200	С
Concrete	10% 0-2 \$6,900	2030	* *	5	\$9,100	C
	Other Observation, Extent : Light, Area Location : Local Area Near Fence Explanation : Both Sides Spalled And				. ,	
Wearing Surface	Explanation . Both States Spatieu / Inc	Стискей				
Asphalt	100% 4+ \$112,600 Cracks, Extent: Moderate, Area Affecte Location: Throughout Spalling, Extent: Light, Area Affected: Location: Random Locations Through	20%	* *	5	\$13,400	С
	Other Observation, Extent : Light, Area	Affected : 100%				
	Location: Throughout					
	Explanation: Wearing Surface 40 Per					
Concrete	100% 4+ \$43,300 Cracks, Extent: Light, Area Affected: Location: Random Locations Through		* *	5	\$58,100	С
	Spalling, Extent : Light, Area Affected : Location : Random Locations Throug					
	Other Observation, Extent : Light, Area Location : Throughout					
	Explanation: Wearing Surface 60 Per	rcent Concrete				
perstructure						
Deck,Structural Concrete	100%	LIFE	* *	5	\$44,700	A
Concrete	Other Observation, Extent : Light, Area Location : Throughout	Affected: 100%		J	φ 44 ,/00	А
	Explanation : Not Accessible From Un					
Grating w/ Concrete	100%	LIFE	* *			A

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY

Asset #: 2470

Bridge Structure	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					
uperstructure									
Joints									
Steel	95%	LIFE **		C					
Steel	5% Now \$30,700	LIFE **		C					
	Broken/Missing Element, Extent : Ligh	==							
	Location : Northwest Side, Split Join	t Cover Plate Next To Weldi	ing						
Primary Member									
Steel	45% 4+ \$1,720,600	LIFE **	2-8 \$536,500	Α					
	Corrosion, Extent : Severe, Area Affect								
	Location : Random Locations Throug								
	Other Observation, Extent: Light, Area Affected: 100%								
	Location: Both Sides, Entire Span								
	Explanation: Top Of Girder Is Actin Accessible	g As Barrier, Remaining Pa	rt Of Girder Is Not						
Steel	55%	LIFE **	2-8 \$919,500	A					
Secondary Member									
Steel	15% 4+ \$197,900	LIFE **	2-8 \$449,400	В					
	Corrosion, Extent : Severe, Area Affect	ted : 100%							
	Location : Adjacent To South Sidewa	lk							
Steel	85% 4+ \$280,400	LIFE **	2-8 \$449,400	В					
	Broken/Missing Element, Extent: Mod	erate, Area Affected : 5%	. ,						
	Location: Random Locations Below Deck								
	Corrosion, Extent : Moderate, Area Af	fected : 5%							
	Location: Random Locations Below Deck								
	Loss of Section, Extent : Moderate, Area Affected : 2%								
	Location : Random Locations Below	Deck							
	Other Observation, Extent: Light, Are	a Affected : 10%							
	Location: Random Locations Below								
	Explanation : Medium To Severe Con Missing Elements	rosion On Eyebars And Con	nnections With Broken/						

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER

Address : BOSTON RD X-ING HUTCH RIVER

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0015.090 / 4317 Yr Built/Renovated : 1965 /

Area Sq Ft : 95,683 Project Type : WATERWAY BRIDGES

Date of Survey : 19-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2229579

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$7,853,100	\$5,833,100
Total	\$7,853,100	\$5,833,100
Priority A	\$6,783,800	\$2,250,500
Priority B	\$682,000	\$1,894,100
Priority C	\$387,300	\$1,688,500
Total	\$7,853,100	\$5,833,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$234,500	\$23,000	\$407,700	
Total	\$234,500	\$23,000	\$407,700	
Priority A	\$65,900		\$200,600	
Priority B	\$64,600		\$190,000	
Priority C	\$104,000	\$23,000	\$17,100	
Total	\$234,500	\$23,000	\$407,700	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4317

Bridge Structure	Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals							
Concrete	90%		LIFE	* *			A
Concrete	10% 4+	\$1,900	LIFE	* *			A
	Recent Repair Evident, I	_					
	Location: West Abutm			Rehab And Painte	ed		
	Rust Stains, Extent : Lig Location : Random	nt, Area Affectea	t : 10%				
Backwall	Location : Kanaom						
Concrete	80%		LIFE	* *			C
Concrete	20% 4+	\$9,800	LIFE	* *			C
Concrete	Cracks, Extent : Light, A						C
	Location : Random	rea ryjecica . re	370				
	Rust Stains, Extent : Lig	ht. Area Affected	l : 10%				
	Location : Random	, 33					
Brngs,Ancr Blts,Pads							
Steel	90%		LIFE	* *			A
Steel	10% 4+	\$13,300	LIFE	* *			A
	Corrosion, Extent : Ligh	t, Area Affected	: 10%				
	Location: Random						
Footings							
Not Accessible	100%						D
Joint with Deck							_
Generic	80%	40.400	LIFE	* *			В
Generic	20% 4+	\$8,400	LIFE	**			В
	Leakage, Extent: Model		ed : 20%	<i>o</i>			
	Location : At Joint Sur	-	A CC	1 - 200/			
	Other Observation, Exte		.rea Ађе	естеа : 20%			
	Location : Beginning F Explanation : Joint Fil						
Mat (scour & erosion)	Explanation . Joint Fit	iei Depresseu					
Earth	100%		LIFE	* *			В
Stem (breastwall)							
Concrete	80%		LIFE	* *			В
Concrete	20% 4+	\$28,000	LIFE	* *			В
	Cracks, Extent : Light, A	Area Affected : 10	0%				
	Location: Random						
	Recent Repair Evident, I	Extent : Light, Ai	rea Affe	cted : 100%			
	Location: West Abutm	ent Recently Pai	inted				
	Rust Stains, Extent : Lig	ht, Area Affected	l : 10%				
11	Location: Random						
Wingwalls							
Footings Not Accessible	100%						D
Piles	10070						ע
Not Accessible	100%						D

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4317

Bridge Structure		Current R	lepair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ingwalls	•			•				
Walls	0.50				de de			a
Concrete	85%	4	\$67,000	LIFE	* *			C C
Concrete	15% Cracks Ex	4+ tent : Ligh	\$67,900 t, Area Affected : 5	LIFE	4. 4.			C
	Location		і, Агей Ајјесіей	70				
			ht, Area Affected :	5%				
	Location		, J,					
	Other Obse	ervation, E	xtent : Light, Area	Affected	: 10%			
	Location		· ·					
	Explanati	ion : Paint	Peeling					
ream Channel								
Bank Protection								
Sheet Piling	100%			LIFE	* *			C
			xtent : Light, Area	Affected	: 100%			
			bankments	Tl F	Of The Cheer Dille			
pproaches	Explanati	on : 1 imbe	er Rub Rail Is On '	ine race	Of The Sheet Pilli	ıg		
Pavement								
Asphalt	80%			2024	\$1,350,800	4	\$31,400	C
Asphalt	20%	2-4	\$67,500	2024	\$337,700	4	\$20,900	Č
•	Cracks, Ex.		erate, Area Affecte	ed: 20%				
Concrete	85%			2032	* *	4	\$120,200	С
Concrete	15%	2-4	\$37,900	2032	* *	4	\$80,200	C
			ight, Area Affected	l : 5%				
		: End App						
			ht, Area Affected :	5%				
-	Location	: Random						
Curbs Concrete w/ Steel Face	90%			LIFE	* *			A
Concrete w/ Steel Face Concrete w/ Steel Face	90% 10%	4+	\$2,900	LIFE	* *			A A
Concrete w/ Steel Face			\$2,900 ight, Area Affectea					А
		: At Surfac						
			Severe, Area Affect	ed : 75%	,)			
		: At Surfac						
Guide Railing								
Steel	90%			LIFE	* *	2-8	\$5,800	A
Steel	10%	4+	\$800	LIFE	* *	2-8	\$5,800	A
			ight, Area Affectea	! : 10%				
	Location	: At Surfac	ce					
Pavement Base								_
Not Accessible	100%							D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4317

ridge Structure	Current Repair	Future Repla	cement	Maintenance	
stem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estim FY	ated Cost Cy	cle Estimated Cost rs)	Priorit Cod
proaches					
Sidewalks	0.50/	LIEE	* *		C
Concrete	85%	LIFE	**		C
Concrete	15% 4+ \$7,800		* *		C
	Cracks, Extent: Light, Area Affected	: 5%			
	Location: At Surface	. 1 20/			
	Settlement, Extent : Light, Area Affect Location : Random	tea : 2%			
		1 50/			
	Spalling, Extent: Light, Area Affected	1:5%			
	Location: Random	1.00			
	Vegetation Growth, Extent : Light, Ar	ea Affected : 5%			
	Location : Random				
ers Cap Beam					
Concrete	80%	LIFE	* *		A
Concrete	20% 4+ \$341,200		* *		A
Concrete	Delaminations, Extent : Moderate, Ar				А
	Location: Random	ea rijjeeiea . 2070			
	Exposed Reinforcement, Extent: Ligh	nt Area Affected	5%		
	Location: Random	u, mea mjecica	<i>570</i>		
	Spalling, Extent: Moderate, Area Aff	Factod : 20%			
	Location : At Surface	ecieu . 2070			
Pier,Columns	·				
Concrete	80%	LIFE	* *		В
Concrete	20% 4+ \$436,100) LIFE	* *		В
	Cracks, Extent: Light, Area Affected	: 10%			
	Location : At Surface				
	Delaminations, Extent: Light, Area A	iffected : 10%			
	Location: Random				
	Other Observation, Extent : Light, Ar	ea Affected : 10%			
	Location: Random				
	Explanation: Paint Peeling				
Brngs,Ancr Blts,Pads					
Steel	80%	LIFE	** 2-	8 \$47,600	A
Steel	20% 2-4 \$346,700) LIFE	** 2-	8 \$47,600	Α
	Other Observation, Extent: Light, Ar	ea Affected : 5%			
	Location: Random				
	Explanation: Missing Anchor Bolt	As Per Recent Bier	inial Inspection		
Footings					
	100%				D
Not Accessible	10070				
Mat (scour & erosion)		LIPP	sk sk		
Mat (scour & erosion) Earth	100%	LIFE	* *		A
Mat (scour & erosion) Earth Pedestals	100%				
Mat (scour & erosion) Earth Pedestals Concrete	100% 95%	LIFE	* *		В
Mat (scour & erosion) Earth Pedestals	100%	LIFE LIFE			

Deck Elements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4317

ridge Structure	Curr	ent Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail l Total (Yea	Date Estimated Coars)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ck Elements							
Curbs							
Concrete w/ Steel Face	70%		LIFE	* *			A
Concrete w/ Steel Face	30% 4+	. ,		**			Α
	Misaligned/Bulg Location : Ran	ging, Extent : Light,	Area Affecte	d: 2%			
		aom ent : Moderate, Ared	a Affected : 3	50/			
	Location : At S		a rijjeciea . 2	.570			
Median	Location . The S	-urjace					
Concrete	95%		LIFE	* *	5	\$15,100	A
Concrete	5% 4+	- \$7,90		* *	5	\$15,100	A
00	- /	: Light, Area Affect				Ψ10,100	
Steel	95%		LIFE	* *	4-8	\$122,600	Α
Steel	5% 4+	- \$1,20		* *	4-8	\$122,600	A
	Location: Ran	on, Extent : Light, Andom Paint Peeling And R		! : 10%			
Railings/Parapets	- T						
Steel	95%		LIFE	* *	2-8	\$86,700	A
Steel	5% 4+	- \$16,50	00 LIFE	* *	2-8	\$86,700	A
	Misaligned/Bulg Location : Top	ging, Extent : Light, Rail	Area Affecte	d : 2%			
	Rust Stains, Exte Location : At S	ent : Light, Area Aff Surface	fected : 10%				
Sidewalks							
Concrete	70%		2028	* *	5	\$34,300	C
Concrete	30% 4+ Cracks, Extent : Location : Ran	Light, Area Affecte		* *	5	\$17,100	С
	Spalling, Extent Location : At S	: Light, Area Affect Surface	ed : 5%				
Wearing Surface	0001		2025	راد وال	_	A. 5.000	~
Concrete	90% Recent Repair E Location : Nor	Svident, Extent : Ligi thbound Lane	2032 ht, Area Affe	* * cted : 2%	5	\$46,000	С
Concrete	10% 4+ Cracks, Extent: Location: Thre	Moderate, Area Aff		* *	5	\$23,000	С
	Old Repair, Exte	ent : Moderate, Arec thbound Lanes	a Affected : 2	20%			
	Spalling, Extent Location: Thre	: Light, Area Affect oughout	ed: 2%				
Scupper		<u> </u>					
Cast Iron	100% 4+ Drains Clogged, Location: Ran	, Extent : Light, Are		* *			С

Superstructure

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4317

ridge Structure	Current Repair	Future Replacement		M		
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated C FY	ost	Cycle (Yrs)	Estimated Cost	Priority Code
perstructure						
Deck,Structural						
Concrete	85%	LIFE	* *	5	\$105,300	Α
	Other Observation, Extent : Severe, Are	ea Affected : 100%				
	Location: Underside Of Deck					
	Explanation: Sip Forms Throughout					
Concrete	15% 4+ \$138,700	LITE	* *	5	\$105,300	Α
	Cracks, Extent: Light, Area Affected:	10%				
	Location: Random					
	Spalling, Extent: Light, Area Affected:	10%				
	Location: Random					
	Other Observation, Extent: Light, Area	ı Affected : 10%				
	Location : Sip Form Under Deck					
-	Explanation : Corrosion And Deform	ation				
Joints	750/	LICC	* *			C
Generic	75%	LIFE	* *			C C
Generic	25% 4+ \$27,300 Loose Elements, Extent : Moderate, Are	LIFE				C
	Location: Random	ей Ајјестей . 2576				
	Other Observation, Extent : Light, Area	Affected : 10%				
	Location : Random	і Ајјесіей . 1070				
	Explanation : Joint Filler Depressed A	And Filled With Debris				
Primary Member	Explanation . Joint Pitter Depressed I	And Filled With Debris				
Steel	90%	LIFE	* *	2-8	\$1,768,900	Α
Steel	Other Observation, Extent : Light, Area			2 0	φ1,700,200	71
	Location : Bottom Flange					
	Explanation : Fatigue Prone Detail, I	Partial Cover Plate				
Steel	10% 4+ \$5,957,100		* *	2-8	\$1,768,900	A
Steel	Corrosion, Extent : Light, Area Affected			2 0	φ1,700,200	7.1
	Location : At Surface					
Secondary Member	<u> </u>					
Steel	95%	LIFE	* *	2-8	\$1,481,800	В
Steel	5% 4+ \$245,900		* *	2-8	\$1,481,800	В
	Corrosion, Extent : Light, Area Affected			-	. ,,	-
	Location : At Surface					

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER

Address : BRUCKNER EXPWY N.B. BRONX RIVER

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0004.020 / 2916 Yr Built/Renovated : 1952 /

Area Sq Ft : 22,300 Project Type : WATERWAY BRIDGES

Date of Survey : 21-Nov-2006 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2066672

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$175,200	\$512,800
Bridge Electrical		\$96,600
Bridge Mechanical	\$190,500	\$917,200
Total	\$365,700	\$1,526,600
Priority A	\$139,100	\$143,600
Priority B	\$226,600	\$1,382,900
Total	\$365,700	\$1,526,600

Priority B \$52,200 \$37	300 \$14,600
Bridge Electrical \$29,000 Bridge Mechanical \$23,200 Total \$52,200 \$2,100 \$73 Priority A \$100 \$2,100 \$10	\$14,600
Bridge Electrical \$29,000 Bridge Mechanical \$23,200 Total \$52,200 \$2,100 \$73	000
Bridge Electrical \$29,000 Bridge Mechanical \$23,200	300
Bridge Electrical \$29,000	\$14,600
Bridge Structure \$100 \$2,100 \$73	
	\$14,600
EXPENSE FY 2016 FY 2017 FY)18 FY 2019



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2916

Bridge Structure	Current Repair		Futur	e Replacement	M		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals							
Concrete	100%		LIFE	* *			A
Backwall							
Concrete	100%		LIFE	* *			С
Brngs,Ancr Blts,Pads							
Elastomeric	100%		2048	* *			Α
Steel	100%		LIFE	* *			A
Footings	400						_
Not Accessible	100%						D
Joint with Deck	400			ate ate			_
Generic	100%		LIFE	* *			В
Mat (scour & erosion)	1000/			ate ate			
Earth	100%		LIFE	* *			В
Stem (breastwall)	1000/		T TEE	* *			ъ
Concrete	100%		LIFE	* *			В
Wingwalls							
Footings	1000/						Ъ
Not Accessible	100%						D
Mat (scour & erosion)	100%		LIFE	* *			C
Earth Piles	100%		LIFE				C
	100%						D
Not Accessible Walls	100%						<u> </u>
Not Accessible	1000/						D
Stream Channel	100%						<u>D</u>
Bank Protection							
Riprap	100%		LIFE	* *			С
Mat (scour & erosion)	10070		LILE				
Not Accessible	100%						D
Pier Protection	10070						<u> </u>
Timber	100%		LIFE	* *			В
Approaches	10070		LIIL				
Pavement							
Concrete	100%		2031	* *	4	\$29,100	C
Curbs	10070		2001		•	Ψ25,100	
Concrete w/ Steel Face	100%		LIFE	* *			A
Embankment	100,0						
Earth	100%		LIFE	* *			C
Guide Railing	100,0						
Concrete	100%		2033	* *	4	\$6,400	A
Mat (scour & erosion)						, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Not Accessible	100%						D
Pavement Base							
Not Accessible	100%						D
Sidewalks	70						
Concrete	100%		LIFE	* *			C
D'	-0070						

Piers

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2916

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance	
System Component	% of Total	Fail Date Estimated C (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Type							
Piers Cap Beam							
Steel	100%		LIFE	* *	2-8		A
Pier, Columns	10070		LIIL		2-0		П
Concrete	100%		LIFE	* *			В
Steel	100%		LIFE	* *	2-8	\$427,400	В
Stem,Solid Pier	10070					ψ. = 7,.00	
Brick Veneer	100%		LIFE	* *			В
Concrete	90%		LIFE	* *			В
Concrete	10%	4+ \$36,20		* *			В
	Delaminat	ions, Extent : Moderate, A		1:5%			
		: West Face Of Pier 1					
		ervation, Extent : Modera	ate, Area Affe	ected : 30%			
		: West Face Of Pier 1	14.1	a ti			
		tion : Pier 1 Has Fire Da					
Granite	100%		LIFE	* *			В
Brngs,Ancr Blts,Pads	1000		20.40	de de			
Elastomeric	100%		2048	* *	2.0	Ф1 000	A
Steel	100%		LIFE	* *	2-8	\$1,800	A
Footings	1000/						Ъ
Not Accessible	100%						D
Mat (scour & erosion) Not Accessible	100%						D
Pedestals	10070						D
Concrete	100%		LIFE	* *			В
Steel	100%		LIFE	* *			В
Piles	10070		LII L				
Not Accessible	100%						D
Deck Elements	10070						
Curbs							
Concrete w/ Steel Face	100%		LIFE	* *			Α
Guide Railing							
Concrete	100%		2038	* *			A
Median							
Concrete	100%		LIFE	* *	5	\$2,000	A
Railings/Parapets							
Masonry	100%		2033	* *	5		A
Steel	98%		LIFE	* *	2-8	\$9,900	A
Steel	2%	Now \$10		* *	2-8	\$9,900	A
		ssing Element, Extent : S		Affected: 2%			
C' 1 11	Location	: Median, Bolts at Acces	s Laader				
Sidewalks	1000/		2020	* *	=	¢2 000	C
Concrete	100%		2028	~ ~ ~	5	\$3,900	С
Wearing Surface	1000/		2022	* *	=	¢ 40 000	C
Concrete	100%		2033	4- 4-	5	\$48,200	С

Superstructure

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2916

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure							
Deck,Structural							
Concrete	100%		LIFE	* *	5	\$4,400	Α
Grating w/ Concrete	100%		LIFE	* *			A
Joints							
Generic	100%		LIFE	* *			C
Primary Member							
Concrete	100%		LIFE	* *	5	\$49,100	A
Prestressed Concrete	100%		LIFE	* *			A
Box Beam							
Steel	100%		LIFE	* *	2-8	\$176,600	A
Secondary Member							
Steel	100%		LIFE	* *	2-8	\$345,300	В
Iovable Bridges						·	
Bascule Span							
Steel	90%		LIFE	* *			A
Steel	10%	4+ \$139,100	LIFE	* *			A
	Other Obse	rvation, Extent : Moderate,	Area Affe	ected : 5%			
	Location	: Bascule Span					
	Explanati	on : Previous Losses To Fla	nges. Mir	nor Corrosion.			
Bascule Span Pier	•						
Concrete	100%		LIFE	* *			A

Current Repair	Future Replacen	nent Maintenance	
% of Fail Date Estimated Total (Years)	Cost Year Estimated FY	Cost Cycle Estimated (Yrs)	Code Priority
100%	2018		В
Other Observation, Extent: Light,	, Area Affected : 100%		
Location : Overall			
Explanation: System Deenergize Condition.	ed Could Not Verify Opera	tion. Visually looks In God	od
100%	2038	* *	В
Other Observation, Extent : Light,	, Area Affected : 100%		
Location : Overall			
Explanation : System Deenergiz. Condition.	ed Could Not Verify Opera	tion. Visually looks In God	od
100%	2038	* *	В
100%	2035	* *	В
Other Observation, Extent: Light,	, Area Affected : 100%		
Location : All	••		
Explanation : Not Maintained C	ould Not Verify Operation		
	% of Fail Date Estimated Total (Years) 100% Other Observation, Extent: Light Location: Overall Explanation: System Deenergiz Condition. 100% Other Observation, Extent: Light Location: Overall Explanation: System Deenergiz Condition. 100% 100% Other Observation, Extent: Light Location: All	7% of Fail Date Estimated Cost Total (Years) 100% 2018 Other Observation, Extent: Light, Area Affected: 100% Location: Overall Explanation: System Deenergized Could Not Verify Operation. 100% 2038 Other Observation, Extent: Light, Area Affected: 100% Location: Overall Explanation: System Deenergized Could Not Verify Operation. 100% 2038 Other Observation, Extent: Light, Area Affected: 100% Condition. 2038	Wof Fail Date Estimated Cost Year Estimated Cost Cycle C

Electrical Power

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2916

Bridge 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		
Electrical Power						
Transfer Switch						
Auto	100%	2038 **		В		
	Other Observation, Extent: Light, Area	a Affected : 100%				
	Location : Overall Explanation : System Deenergized Co	ould Not Varify On anation	Visually looks In Cood			
	Condition.	ula Noi verijy Operation.	visually looks In Good			
Transformer						
Dry	100%	2038 * *		В		
	Other Observation, Extent: Light, Area Location: Partial	a Affected : 100%				
	Explanation: System Deenergized Condition.	ould Not Verify Operation.	Visually looks In Good			
Dist Equip & Motor Contro						
Generic	100%	2038 **		В		
	Other Observation, Extent: Light, Area	a Affected : 100%				
	Location: Overall	and Not Varify On austion	Vigually looks In Cood			
	Explanation: System Deenergized Co Condition.	nua Noi verijy Operation.	visually looks in Good			
Raceway						
Submarine Control Cables						
Generic	100%	2022		В		
Wiring Generic	1000/	2022		D		
Generic	100% Other Observation, Extent: Light, Area	2022 a Affactad : 10%		В		
	Location: Underdeck	i Affectea . 1070				
	Explanation: Needs Partial Repair.					
Lighting	.,					
Lighting Devices						
Generic	50%	2022 \$48,300		В		
	Other Observation, Extent : Light, Area	a Affected : 80%				
	Location : All					
	Explanation: Needs Relamping					
Generic	50% Now \$29,000	2023 \$48,300		В		
	Other Observation, Extent: Moderate, Area Affected: 20%					
	Location: Span Leaves	4 110° ° D 11 O 0	7 37			
	Explanation : Damaged Or Broken L On The	ens Ana Missing Bulbs On S	Span Navigational Lights			
	interior Side					

Bridge 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
Bascule				
Counter Weight				
Generic	100%	2046 **		В
Emergency Drive				
Emergency Power	100%	2046 **		В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2916

ridge Mechanical	Current Repair	Future Replacement	Maintenance	
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
ascule				
Fuel Tanks				
Generic	100%	2031 **		В
Houses	1000/	0001 0101 000		
Access Ways	100% 4+ \$9,200			В
	Other Observation, Extent : Severe, A Location : Access Ways in Pit Areas			
	Explanation : Access Ways In Fit Areas		Likely Health Hazard Due	
	To Pigeon Guano.	erea în Deoris în 1 ii Areas.	Likely Health Hazara Due	
Control House	100%	2046 **		В
Machinery Room	100%	2053 **		В
Lock Bars				
With Motor	50% Now \$183,100	2021 \$366,300		В
	Other Observation, Extent : Severe, A	rea Affected : 50%		
	Location : All Span (toe) Locks			
	Explanation : Sockets And Guides N		e Has Fallen Off At 2	
	Locations. Lock Bar Pins Failed At			
With Motor	50% 4+ \$7,300			В
	Other Observation, Extent : Moderate	, Area Affected : 100%		
	Location : All Tail Locks	I.D. C		
Main Drive Creaters	Explanation : Covered In Debris An	a Pigeon Guano.		
Main Drive System Generic	100%	2046 **		В
Generic	Other Observation, Extent : Light, Are			Ь
	Location : All Machinery	ea rijjeetea . 10070		
	Explanation : Not Operational Durin	ng Inspection.		
Rack	T			
Generic	100% Now \$14,000	2046 **		В
	Other Observation, Extent : Severe, A	rea Affected : 5%		
	Location: South East Inboard Rack			
	Explanation: 1 Sheared Rack Bolt (On South East Inboard Rack		
Live Load Supports				
Not Accessible	100%			D
Traffic Devices	100-1			_
Barrier Gate	100%	2027 **		В
	Other Observation, Extent : Light, Are Location : All Gates	еа Ајјества : 100%		
	Explanation : Not Operational Duri	na Inspaction		
Cionala				D
Signals Warning Coto	100%	2021		В
Warning Gate	100% Other Observation, Extent : Light, Are	2027		В
	Location : All Gates	ги пујестен . 10070		
	Explanation: Not Operational Durin	na Inspection		
	Explanation . Not Operational Durit	из пиресион.		

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Page: 555

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : EASTERN BLVD, BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER

Address : BRUCKNER EXPWY S.B. BRONX RIVER

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0004.010 / 2915 Yr Built/Renovated : 1952 /

Area Sq Ft : 12,400 Project Type : WATERWAY BRIDGES

Date of Survey : 21-Nov-2006 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2066671

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$118,700	\$366,200
Bridge Electrical	\$38,900	\$2,615,800
Bridge Mechanical		\$917,200
Total	\$157,500	\$3,899,200
Priority A	\$118,700	\$95,000
Priority B	\$38,900	\$3,804,200
Total	\$157,500	\$3,899,200

Total	\$72,200	\$2.000	\$66,800	\$14,600
Priority C	\$100		\$11,900	\$14,600
Priority B	\$72,100		\$44,300	
Priority A		\$2,000	\$10,500	
Total	\$72,200	\$2,000	\$66,800	\$14,600
Bridge Mechanical	\$42,800			
Bridge Electrical	\$29,300		\$17,100	
Bridge Structure	\$100	\$2,000	\$49,700	\$14,600
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2915

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals							
Concrete	100%		LIFE	* *			A
Backwall							
Concrete	100%		LIFE	* *			C
Brngs, Ancr Blts, Pads							
Steel	100%		LIFE	* *			A
Footings Not Accessible	100%						D
Joint with Deck							
Generic	100%		LIFE	* *			В
Mat (scour & erosion)							
Not Accessible	100%						D
Stem (breastwall)							
Concrete	100%		LIFE	* *			В
Wingwalls							
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							_
Not Accessible	100%						D
Piles							_
Not Accessible	100%						D
Walls							
Brick Veneer	100%		LIFE	* *			C
Concrete	100%		LIFE	* *			С
Stream Channel							
Bank Protection	1000/		LIDE	* *			C
Riprap	100%		LIFE	de de			С
Mat (scour & erosion) Not Accessible	1000/						Ъ
Pier Protection	100%						D
Timber	100%		LIFE	* *			В
	100%		LIFE				<u>D</u>
Approaches Pavement							
Concrete	100%		2031	* *	4	\$29,100	С
Curbs	10070		2031			Ψ27,100	
Concrete	100%		LIFE	* *			A
Concrete w/ Steel Face	100%		LIFE	* *			A
Embankment	10070		- LII L				
Not Accessible	100%						D
Guide Railing	10070						
Concrete	100%		2033	* *	4	\$4,300	A
Steel	100%		LIFE	* *	2-8	\$2,900	A
Mat (scour & erosion)						4-, 200	
Not Accessible	100%						D
Pavement Base							
Not Accessible	100%						D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2915

Bridge Structure		Current F	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Sidewalks								
Concrete	100%			LIFE	* *			C
Piers								
Cap Beam	400							
Steel	100%			LIFE	* *	2-8		A
Pier, Columns	1000				de de	2.0	4.25 400	-
Steel	100%			LIFE	* *	2-8	\$427,400	В
Stem,Solid Pier	400				de de			_
Masonry	100%			LIFE	* *			В
Brngs, Ancr Blts, Pads	400				de de			
Steel	100%			LIFE	* *	2-8	\$1,800	A
Mat (scour & erosion)	1000							-
Not Accessible	100%							D
Pedestals	1000				ale ale			
Steel	100%			LIFE	* *			В
Piles	1000/							ъ
Not Accessible	100%							D
Deck Elements								
Curbs	1000/			LIDE	* *			A
Concrete w/ Steel Face	100%			LIFE				A
Median	1000/			LIDE	* *	_	\$000	A
Concrete	100%			LIFE	-11-	5	\$900	A
Railings/Parapets Concrete	100%			2022	* *	4	¢1 600	٨
				2033 2033	* *	4 5	\$1,600	A
Masonry Sidewalks	100%			2033		3	\$1,700	A
	90%			2028	* *	5	¢1 200	C
Concrete	10%	4+	\$100	2028	* *	5 5	\$1,300 \$700	C C
Concrete			#100 t, Area Affected : 1			3	\$700	C
		: Approac		070				
Wearing Surface	Locuiton	. Approuc	п Брипз					
Concrete	100%			2033	* *	5	\$22,500	C
Superstructure	10070			2033			\$22,300	
Deck,Structural								
Grating w/ Concrete	100%			LIFE	* *			A
Joints	10070			LIII				Λ
Steel	100%			LIFE	* *			C
Primary Member	10070			LILE				
Steel	100%			LIFE	* *	2-8	\$177,500	A
Secondary Member	10070			LILE		2-0	φ177,500	Λ
Steel	100%			LIFE	* *	2-8	\$192,000	В
Moveble Pridges	100/0			LIII	·	2-0	Ψ192,000	ע

Movable Bridges

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2915

Bridge Structure	Current Repa	air I	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)		/ear FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Movable Bridges							
Bascule Span							
Steel	90%	L	IFE	* *			A
Steel	10% 4+	\$118,700 L	IFE	* *			A
	Other Observation, Exter	it : Moderate, Ared	a Affe	cted : 10%			
	Location : Bascule Spa	n					
	Explanation: Previous	Losses To Flange.	s And	Minor Corrosion			
Bascule Span Pier							
Concrete	100%	L	IFE	* *			A

Bridge Electrical	Current Repair	Future Rep	olacement	Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year Esti FY	mated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Communication Electrical					
Intercom					
Generic	100%	2018	\$14,000		В
	System Deenergized, Extent Location : Overall	: Light, Area Affected : 10	00%		
Telephone					
Desk Top	100%	2018			В
	System Deenergized, Extent	: Light, Area Affected : 10	00%		
	Location : Overall				
ontrol System Electrical					
Control Console					
Generic	100%	2038	* *		В
	System Deenergized, Extent	: Light, Area Affected : 10	00%		
	Location : Overall				
Disconnect Switch					
Generic	100%	2038	* *		В
Limit Switch					
Generic	100%	2035	* *		В
lectrical Power					
Transfer Switch					
Auto	100%	2038	* *		В
	System Deenergized, Extent	: Light, Area Affected : 10	00%		
	Location : Overall				
Transformer					
Dry	100%	2038	* *		В
Dist Equip & Motor Cor					
Generic	100%	2038	* *		В
	System Deenergized, Extent	: Light, Area Affected : 50	0%		
	Location : Partially				
nterior Lighting		<u> </u>			
Lighting Fixture					
Incandescent	100% Now	\$300 2018	\$3,100		В
	Relamping, Extent: Light, A	Area Affected : 100%			
	Location : Overall				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2915

Bridge Electrical	Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Raceway							
Submarine Control Cables							
Generic	100%		2022	\$576,500			В
	System Deenergized, Ex Location : All	xtent : Light, Are	a Affecte	d : 100%			
Wiring							
Generic	100% Now	\$38,900	2023	\$1,942,700			В
	Other Observation, Ext	ent : Light, Area	Affected	: 5%			
	Location : Under Dec	·k.					
	Explanation: New Co	onduit And Lighti	ng Fixtu	res Necessary.			
Stand-by Power							
Generator							
Diesel	100%		2038	* *			В
	Other Observation, Ext	Other Observation, Extent : Light, Area Affected : 100%					
	Location : Emergency	Generator					
	Explanation: Battery	Maintenance Ne	cessary.				
Lighting							
Lighting Devices							
Generic	50% Now	\$29,000	2023	\$48,300			В
	Other Observation, Ext	Other Observation, Extent: Moderate, Area Affected: 10%					
	Location : Span Leave	es					
	Explanation : Some L	amps Damaged A	And Or M	Aissing Light Bulbs	S		
Generic	50%		2022	\$48,300			В

Bridge Mechanical		Current Re	pair	Futur	e Replacement	Maintenance	
System Component Type	% of Total	Fail Date l (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Bascule							
Counter Weight							
Generic	100%			2046	* *		В
Emergency Drive							
Emergency Power	100%			2046	* *		В
Fuel Tanks							
Generic	100%			2023	\$8,500		В
Houses							
Access Ways	100%	4+	\$9,200	2021	\$184,600		В
	Covered in	Dirt/Debris	, Extent : Modero	ate, Area	Affected : 60%		
	Location .	: Access Wa	ys In Pit Areas				
Auxiliary	100%			2027	* *		В
Machinery Room	100%			2053	* *		В
Lock Bars							
With Motor	100%	4+	\$14,700	2021	\$732,600		В
	Other Obse	rvation, Ex	tent : Severe, Are	a Affecte	ed : 10%		
	Location .	: Tail Locks					
	Explanati	on : Tail Lo	cks Are Covered	In Debr	is And Filth.		
Not Accessible	100%						D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2915

ridge Mechanical	Current Repa	air F	uture Replace	ment	M	aintenance	
stem Component Type	% of Fail Date Es Total (Years)		ear Estimate FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority Code
scule							
Main Drive System							
Generic	100%	20)46	* *			В
	Other Observation, Exter	ıt : Light, Area Affe	ected : 100%				
	Location : All Machinery.						
	Explanation : Not Oper	ational During Ins _l	pection.				
Rack							
Generic	100% 4+	\$14,000 20)46	* *			В
	Corroded, Extent : Light,	Area Affected: 20	%				
	Location : Top Of Botto	om Girder Flange.					
	Covered in Dirt/Debris, I	Extent : Light, Area	Affected: 20%	6			
	Location : Top Of Botto	om Girder Flange.					
Live Load Supports							
Not Accessible	100%						D
Traffic Devices							
Barrier Gate	100% Now	\$2,000 20)27	* *			В
	Not Operable, Extent : Li	ght, Area Affected	: 100%				
	Location : All Gates.						
Signals	100%	20)27	* *			В
Warning Gate	100% Now	\$3,000 20)27	* *			В
warming Guid	Not Operable, Extent : Light, Area Affected : 100%						
	Location : All Gates						
Trunnion							
Generic	100%	20)46	* *			В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER

Address : NORTHERN BLVD. X-ING FLUSH. RIV.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0001.020 / 2560 Yr Built/Renovated :

Area Sq Ft : 78,894 Project Type : WATERWAY BRIDGES

Date of Survey : 02-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2055802

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$1,271,600	\$2,927,600
Total	\$1,271,600	\$2,927,600
Priority A	\$215,900	\$1,017,600
Priority B	\$596,200	\$1,176,800
Priority C	\$459,500	\$733,200
Total	\$1,271,600	\$2,927,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$71,400	\$26,500	\$202,700	
Total	\$71,400	\$26,500	\$202,700	
Priority A	\$13,700	\$13,500	\$84,600	
Priority B	\$21,600		\$118,000	
Priority C	\$36,100	\$13,000		
Total	\$71,400	\$26,500	\$202,700	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2560

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			A
Backwall	1000/	4	φ1 2 2 00	LIDE	* *			C
Concrete	_	_	\$12,200 tent : Light, Area I I Throughout	LIFE Affected :				С
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			A
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			В
Mat (scour & erosion)	400							_
Not Accessible	100%							D
Pedestals	1000/			LIDE	* *			
Concrete	100%			LIFE	* *			A
Stem (breastwall)	050/			LIEE	* *			D
Concrete	95% 5%	4+	\$13,400	LIFE LIFE	* *			B B
Concrete			\$15,400 t, Area Affected : I					D
		: Both Abı		.070				
Wingwalls								
Footings								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Concrete	90%			LIFE	* *			C
Concrete	10%	4+	\$5,700	LIFE	* *			C
		_	t, Area Affected : I	10%				
		: End Abu		. 1 50/	,			
			: Light, Area Affeo st Wingwall	ctea : 5%)			
Stream Channel								
Bank Protection	00				a. ·			
Concrete	80%	4	Φ1.4 2 .000	LIFE	* *			C
Concrete	20%	4+	\$142,900	LIFE	**			C
		_	ent, Extent : Sever	e, Area A	Affected: 10%			
		: West Sid	e Of Kiver t, Area Affected : I	100/				
		tient : Ligh : West Sid		U70				
Mat (scour & erosion)	Locuion	. Hesi sia	c oj mrei					
Not Accessible	100%							D
THUI ACCESSIBIC	10070							ע

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2560

Bridge Structure	Current Repair	Future R	Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year E	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
tream Channel								
Pier Protection								
Timber	100% Now \$468,50		* *			В		
	Broken/Missing Element, Extent : Se	evere, Area Affe	ected : 50%					
	Location: East And West Sides	A A CC . 1	500/					
	Other Observation, Extent : Severe, Location : East And West Sides	Агеа Ајјестеа :	30%					
	Explanation : Worn							
approaches	Explanation : Worn							
Pavement								
Asphalt	95%	2025	\$395,700	4	\$8,100	C		
Asphalt	5% 4+ \$4,20		\$20,800	4	\$5,400	C		
	Cracks, Extent : Moderate, Area Aff	fected : 20%						
	Location: Throughout							
	Other Observation, Extent: Light, Area Affected: 100%							
	Location: Both Approaches							
	Explanation: Pavement Consists (Of 40 Percent C	Concrete And 60	Percent	Asphalt			
Concrete	100%	2033	* *	4	\$30,800	C		
	Other Observation, Extent : Light, A	rea Affected : 1	100%					
	Location: Both Approaches							
	Explanation: Pavement Consists (Of 40 Percent C	oncrete And 60	Percent	Asphalt			
Embankment Generic	100%	LIFE	* *			С		
Guide Railing	100%	LIFE						
Concrete	100%	2033	* *	4	\$17,200	A		
Steel	100%	LIFE	* *	2-8	Ψ17,200	A		
iers	100,0							
Cap Beam								
Concrete	90%	LIFE	* *			A		
Concrete	10% 4+ \$127,80	00 LIFE	* *			A		
	Cracks, Extent : Moderate, Area Aff	ected : 30%						
	Location: Scattered Throughout							
	Delaminations, Extent : Moderate, A	Area Affected : .	30%					
	Location : Scattered Throughout							
	Spalling, Extent : Light, Area Affect							
	Location: End Of Pier 30 Cap Bed							
Steel	90%	LIFE	* *	2-8	\$520,900	Α		
Steel	10% 4+ \$88,10		* *	2-8	\$520,900	A		
	Rust Stains, Extent : Moderate, Area Affected : 20%							
	Location: Scattered Throughout							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2560

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance				
System		•					Duiouita			
Component		Fail Date Estimated Cost (Years)	Y ear FY	Estimated Cost	(Yrs)	Estimated Cost	Priority Code			
Туре		()			(===)		00.00			
Piers										
Pier,Columns Concrete	90%		LIFE	* *			В			
Concrete	90% 10%	4+ \$75,900	LIFE	* *			В			
Concrete		ent : Moderate, Area Affec					Б			
		Scattered Throughout								
		tent : Moderate, Area Affe	cted : 5%							
		Scattered Throughout								
	Other Obser	rvation, Extent : Severe, Ai	rea Affecte	ed : 50%						
	Location :	River Pier								
	Explanatio	on : Missing Mortar In Gra	ınite Maso	onry Veneer						
Steel	90%		LIFE	* *	2-8	\$569,900	В			
Steel	10%	4+ \$51,800	LIFE	* *	2-8	\$569,900	В			
		Extent: Light, Area Affect	ed : 15%							
	Location :									
		Other Observation, Extent : Moderate, Area Affected : 30% Location : Random Locations Throughout								
		-	-							
G. G. 1: 1 B:	Explanatio	on : Exfoliation Of Weathe	ring Steel							
Stem, Solid Pier	070/		LIDE	* *			D			
Concrete Concrete	97% 3%	4+ \$8,200	LIFE LIFE	* *			B B			
Concrete		ent : Light, Area Affected :					Б			
	Location: East And West Ends									
Brngs,Ancr Blts,Pads										
Elastomeric	100%		2044	* *			A			
Steel	100%		LIFE	* *	2-8	\$60,900	A			
Footings										
Not Accessible	100%						D			
Mat (scour & erosion)										
Not Accessible	100%						D			
Pedestals							_			
Concrete	100%		LIFE	* *			В			
Deck Elements										
Guide Railing Concrete	100%		2037	* *			A			
Mono Deck Surface	10070		2037				A			
Concrete	95%		2044	* *	5	\$316,700	C			
Concrete	5%		2044	* *	5	\$316,700	C			
Concrete		ent : Light, Area Affected :				φετο,//σσ				
		At Both Ends								
	Spalling, Ex	tent : Light, Area Affected	: 10%							
	Location :	At Both Ends								
Railings/Parapets										
Concrete	100%		2033	* *	4	\$23,400	A			
Scupper										
Ductile Iron	100%		LIFE	* *			C			
1 , ,										

Superstructure

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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DEPARTMENT OF TRANSPORTATION - 841 FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER

Asset #: 2560

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
uperstructure								
Deck,Structural								
Concrete	95%		LIFE	* *	5	\$86,800	A	
Concrete	5%	4+ \$13,700	LIFE	* *	5	\$86,800	A	
	Cracks, Ex	tent : Light, Area Affected :	10%					
	Location	: Throughout Structure						
	Efflorescence, Extent : Light, Area Affected : 4%							
	Location	: Throughout Structure						
	Other Obse	ervation, Extent : Severe, Arc	ea Affecte	ed : 30%				
		: East Side	55					
	Explanat	ion: Bird Nesting						
Joints								
Generic	100%	4+ \$14,000	LIFE	* *			C	
	Broken/Mi.	ssing Element, Extent : Light	, Area Af	fected : 10%				
	Location	: Scattered Throughout						
Primary Member								
Steel	100%		LIFE	* *	2-8	\$685,500	A	
Secondary Member								
Steel	100%		LIFE	* *	2-8	\$1,221,800	В	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER

Address : NORTHERN BLVD. X-ING FLUSH. RIV.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0001.010 / 2665 Yr Built/Renovated :

Area Sq Ft : 71,900 Project Type : WATERWAY BRIDGES

Date of Survey : 02-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2055801

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$1,155,800	\$3,527,000
Total	\$1,155,800	\$3,527,000
Priority A	\$230,200	\$1,231,200
Priority B	\$603,000	\$1,740,000
Priority C	\$322,700	\$555,700
Total	\$1,155,800	\$3,527,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$91,000	\$2,800	\$282,300	\$7,400
Total	\$91,000	\$2,800	\$282,300	\$7,400
Priority A	\$16,700	\$1,400	\$107,800	
Priority B	\$43,700		\$174,500	
Priority C	\$30,600	\$1,300		\$7,400
Total	\$91,000	\$2,800	\$282,300	\$7,400



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2665

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	* *			A
Backwall								
Concrete	98%			LIFE	* *			C
Concrete	2%	4+	\$3,300	LIFE	* *			C
		ctent : Ligh : End Abu	t, Area Affected : 2 tment	20%				
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			A
Footings								
Not Accessible	100%							D
Joint with Deck								_
Generic	95%			LIFE	* *			В
Generic	5%	4+	\$20,100	LIFE	* *			В
	Other Obs	ervation, E	Extent : Light, Area	Affected	: 20%			
	Location	: Begin Ap	pproach					
	Explanat	tion : Missi	ng Cover Plate					
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	* *			A
Stem (breastwall)								
Concrete	95%			LIFE	* *			В
Concrete	5%	4+	\$7,200	LIFE	* *			В
			lerate, Area Affecte	ed: 10%				
		: Begin Al						
			: Light, Area Affe	cted : 159	%			
	Location	: Begin Al	outment					
Wingwalls								
Footings								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								_
Concrete	2%	4+	\$9,000	LIFE	* *			C
		_	t, Area Affected : I					
			st Face At Begin A					
			Extent : Light, Area		1:5%			
	Location	: Northwe	st Face At End Abi	utment				
Concrete	98%			LIFE	* *			С

Stream Channel

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2665

Bridge Structure	Current Rep	air	Futur	e Replacement	M	aintenance		
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Stream Channel	•	•		•				
Bank Protection								
Concrete	85%		LIFE	* *			C	
Concrete	15% Now	,	LIFE	* *			C	
	Broken/Missing Element		ate, Are	a Affected : 20%				
	Location: West Side O							
	Cracks, Extent : Light, A)%					
	Location : West Side O							
	Spalling, Extent: Light,		0%					
	Location : West Side O	f The River						
Mat (scour & erosion)								
Not Accessible	100%						D	
Pier Protection	400	*					_	
Timber	100% Now	. ,	LIFE	**			В	
	Broken/Missing Element		Area A	Affected: 50%				
	Location : Both Fender	-	00/					
	Rotted, Extent : Severe, A		0%					
-	Location : Both Fender	r System						
Approaches								
Pavement	050/		2025	¢107.000	4	¢4,000	C	
Asphalt	95%	\$6,200	2025	\$197,800	4	\$4,000	C C	
Asphalt	5% 4+ \$6,200 2025 \$10,400 4 \$2,700							
	Cracks, Extent : Light, Area Affected : 20% Location : Throughout							
	Locanon : Inrougnout Spalling, Extent : Light, Area Affected : 20%							
	Location: Throughout	Агеи Ајјестеи . 2	.070					
			2022	* *				
Concrete	100%	. T. 1. A	2033		4		C	
	Other Observation, Exte	nt : Light, Area A	Affected	: 100%				
	Location : Approaches	. 20 D	G.	. 00 D . 4 1	1.			
T. 1. 1.	Explanation : Approac	hes: 20 Percent (Concret	e; 80 Percent Asph	ialt			
Embankment	1000/		LIDD	* *			C	
Generic	100%		LIFE	* *			С	
Guide Railing	1000/		2022	* *	4	¢4.200	A	
Concrete	100%		2033	* *	4	\$4,300	A	
Steel	100%		LIFE	* *	2-8		A	
Sidewalks	050/		TIPP	* *			C	
Concrete	95%	#2.100	LIFE	* *			C	
Concrete	5% 4+	\$2,100	LIFE	* *			C	
	Cracks, Extent: Light, A		1%0					
iers	Location : Scattered Th	irougnout						

Piers

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2665

Bridge Structure		Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers								
Cap Beam								
Concrete	90%		** **********************************	LIFE	* *			A
Concrete	10%	4+	\$39,900	LIFE	* *			Α
		tent : Light, : East Abut	Area Affected : I	10%				
			meni t, Area Affected :	50/				
		xieni . Lign : East Abut		370				
Cr 1		. Lusi Houi	meni	LIEE	* *	2.0	¢427.000	
Steel	90%	4	¢72 200	LIFE	* *	2-8	\$427,900	A
Steel	10%	4+ Extent · Ma	\$72,300 oderate, Area Affa	LIFE		2-8	\$427,900	A
			ocations Through		7/0			
			tent : Moderate, 1		octed · 80%			
			ocations Through		cieu . 0070			
			ating Weathering					
Pier,Columns	Expreneri	он . Длуон	ung weamering	Bicci				
Concrete	10%	4+	\$79,100	LIFE	* *			В
		tent : Light,	Area Affected :	10%				
	Location : Scattered Throughout							
	Spalling, E.	xtent : Ligh	t, Area Affected :	5%				
	Location .	: Scattered	Throughout					
Concrete	90%			LIFE	* *			В
Steel	90%			LIFE	* *	2-8	\$455,900	В
Steel	10%	4+	\$41,500	LIFE	* *	2-8	\$455,900	В
	Corrosion, Extent : Light, Area Affected : 15% Location : Throughout							
	Other Obse	rvation, Ex	tent : Moderate, .	Area Affe	ected : 30%			
	Location .	: Random L	ocations Through	hout				
	Explanati	on : Weath	ering					
Stem,Solid Pier								
Concrete	90%			LIFE	* *			В
Concrete	10%	4+	\$50,000	LIFE	* *			В
		tent : Light, : Througho	Area Affected : 5 ut	5%				
Brngs,Ancr Blts,Pads				· ·				
Elastomeric	100%			2044	* *	•		A
Steel	100%			LIFE	* *	2-8	\$64,100	Α
Footings	1000/							Ъ
Not Accessible	100%							D
Mat (scour & erosion) Not Accessible	100%							D
Pedestals	100%							ע
Concrete	100%			LIFE	* *			В
Deck Elements	10070			<u> </u>				ע
Guide Railing								
Concrete	100%			2037	* *			A
Median								
Concrete	100%			LIFE	* *	5	\$11,300	A
Concrete	100%			LIFE		3	\$11,500	А

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2665

ridge Structure	Current	Repair	Futur	e Replacement	M	aintenance			
ystem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod		
eck Elements									
Mono Deck Surface							_		
Concrete	90%	* · = * * * * * * * * * * * * * * * * *	2044	* *	5	\$347,500	C		
Concrete	10% 4+	\$47,300	2044	* *	5	\$173,700	C		
	Cracks, Extent : Lig		10%						
	Location : Scattere	_	100/						
	Spalling, Extent : Li Location : At Both		10%						
Dailings/Danagets	Location : At Both	Enas							
Railings/Parapets	000/		LIDD	* *	20	\$21,000	٨		
Steel	90%	¢117.000	LIFE	* *	2-8	\$31,000	A		
Steel	10% 4+	\$117,900	LIFE		2-8	\$31,000	A		
	Other Observation, Location : At Nort	_	Ajjeciea	: 100%					
		n siae Only lequate Pedestrian l	Railina C	Consists Of Cables	And Mos	h As Maans Of			
	Falling Protection		taning C	onsisis Of Cables I	Ana mes	n As Means Oj			
Sidewalks	Ü								
Concrete	100%		2029	* *	5	\$14,900	C		
Scupper									
Ductile Iron	100%		LIFE	* *			С		
perstructure									
Deck,Structural					_				
Concrete	5% 4+	\$16,700	LIFE	* *	5	\$79,100	Α		
	Cracks, Extent: Light, Area Affected: 10%								
	Location : East Sig			,					
	Spalling, Extent: Moderate, Area Affected: 80%								
	Location : East Sig								
	Other Observation,		Area Affe	ected : 80%					
	Location : East Sig								
		osed Steel Reinforce				A=0.100			
Concrete	95%		LIFE	* *	5	\$79,100	A		
Joints	600/		LIDE	ታ ታ			a		
Generic	60%	Φ101 7 00	LIFE	* *			C		
Generic	40% 4+	\$101,700	LIFE				C		
	Broken/Missing Elen	ment, Extent : Mode utment And Througi							
		_							
	Misaligned/Bulging, Location : Throug		а Ајјесте	a : 10%					
Driman: Mamban	Locuion . Throug.	пош							
Primary Member Steel	99%		LIFE	* *	2-8	\$611,400	A		
Steel	99% 1%		LIFE	* *	2-8 2-8	\$611,400 \$611,400	A A		
Sicci	1 % Rust Stains, Extent :	Light Area Affecte			2-0	φ011,400	А		
		n Locations Through		-					
Secondary Member									
Steel	95%		LIFE	* *	2-8	\$1,113,500	В		
Steel	5% 4+	\$16,400	LIFE	* *	2-8	\$1,113,500	В		
	Rust Stains, Extent :								
	Location : Scattere								

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET

Address : BELT SHORE PKWAY(BSP)

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0021.000 / 2452 Yr Built/Renovated : 1939 /

Area Sq Ft : 46,446 Project Type : WATERWAY BRIDGES

Date of Survey : 03-Aug-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2231450

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$46,872,500	\$3,624,700
Total	\$46,872,500	\$3,624,700
Priority A	\$23,979,800	\$1,092,700
Priority B	\$21,959,600	\$919,400
Priority C	\$933,000	\$1,612,600
Total	\$46,872,500	\$3,624,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$73,500	_	\$197,800	\$25,700
Total	\$73,500		\$197,800	\$25,700
Priority A	\$36,800		\$92,900	
Priority B	\$5,400		\$92,200	
Priority C	\$31,300		\$12,700	\$25,700
Total	\$73,500		\$197,800	\$25,700



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2452

Bridge Structure	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Footings Not Accessible	100%						D
Joint with Deck Generic	100% 2-4 Other Observation, Location: Through Explanation: Join	hout	LIFE ea Affecte	* * d : 100%			В
Mat (scour & erosion) Earth	100% 2-4 Other Observation, Location: Randon Explanation: Soil	_					В
Stem (breastwall)							
Concrete Concrete	70% 30% 2-4 Cracks, Extent : Mod Location : Randon Delaminations, Exte	ı		**			B B
	Location: Randon Efflorescence, Exten Location: Randon Exposed Reinforcem Location: Randon Spalling, Extent: Mo Location: Randon	t : Moderate, Area : ent, Extent : Moder oderate, Area Affec	ate, Area	Affected : 20%			
Wingwalls							
Footings Not Accessible	100%						D
Mat (scour & erosion) Earth	100% 4+ Erosion, Extent : Mo Location : Randon		LIFE ed : 20%	* *			С
Piles Timber	100% Other Observation, L Location : Southea Explanation : Visil	_		**			С
Walls							
Concrete Concrete	90% 10% 4+ Cracks, Extent : Lig Location : Randon Exposed Reinforcem Location : Randon	ent, Extent : Light,		** ** ected : 2%			C C
Stream Channel							
Bank Protection Riprap	100%		LIFE	* *			С

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2452

Bridge Structure	Current	Repair	Futur	e Replacement	M	aintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
tream Channel									
Mat (scour & erosion)									
Stream Bed	100%		LIFE	* *			A		
Pier Protection									
Concrete	100% 4+	\$65,600	LIFE	* *			В		
	Other Observation, I	=	Affected	! : 10%					
	Location : Random								
	Explanation : Crac	k, Efflorescence, A	nd Rust S	Stain					
pproaches									
Pavement		402.400		****		* * * * * * * * * * * * * * * * * *	~		
Asphalt	100% 2-4	\$83,400	2024	\$833,900	4	\$10,700	C		
	Cracks, Extent: Light	==	5%						
	Location: Random			00.4					
	Settlement, Extent :		ected : 20	0%					
	Location : Random		207						
	Spalling, Extent : Lig Location : Random		3%						
	Other Observation, I	Extent : Light, Area	Affected	! : 8%					
	Location: Random	!							
	Explanation: Rave	ling Pavement							
Curbs									
Concrete	40%		LIFE	* *			A		
Concrete	60% Now	\$9,100	LIFE	* *			A		
	Cracks, Extent : Ligi	ht, Area Affected : 5	%						
	Location : Various								
	Settlement, Extent: Light, Area Affected: 5%								
	Location:								
	Spalling, Extent : Lig	ght, Area Affected :	5%						
	Location: Random	!							
Embankment									
Earth	90%		LIFE	* *			C		
Earth	10% 4+	\$100	LIFE	* *			C		
	Vegetation Growth,	Extent : Severe, Are	a Affecte	ed : 30%					
	Location: Various	Locations							

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2452

Bridge Structure	Current Repair Future Replacement Maintenance				aintenance				
System Component Type		Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches									
Guide Railing									
Concrete	100%	4+	\$6,100	2026	* *	4	\$5,100	Α	
			t, Area Affected : 3	%					
	Location :		1.4 A A CC	20/					
	Spailing, Ex Location :		ht, Area Affected :	3%					
			Sutant . Liaht Anaa	Affordad	1.100/				
	Location :		xtent : Light, Area	Ајјестеа	1:10%				
	Explanation .								
Cr. 1		m . Scau	ıg	LIPE	* *	2.0	Φ 5 000		
Steel	80%	2.4	\$2,000	LIFE	* *	2-8	\$5,800	A	
Steel	20%	2-4	\$3,000	LIFE		2-8	\$5,800	A	
			tent : Light, Area	Ајјестеа .	. 370				
	Location: Random Rust Stains, Extent: Light, Area Affected: 10%								
	Location :			u . 10/0					
Mat (scour & erosion)	Location .	various	Locuitons						
Earth	100%			LIFE	* *			A	
Pavement Base	10070			LII L				71	
Not Accessible	100%							D	
Sidewalks									
Asphalt	90%			2024	\$50,800	4	\$2,300	C	
Asphalt	10%	4+	\$600	2024	\$5,600	4	\$1,500	C	
		_	t, Area Affected : .	10%					
	Location :								
	Settlement, Extent : Light, Area Affected : 10%								
	Location: Random								
	Other Observation, Extent: Light, Area Affected: 25%								
	Location : Northeast Corner Explanation : Unpaved Area								
· ————	Explanatio	on : Unpa	ved Area						
Piers Con Poom									
Cap Beam Concrete	100%	0-2	\$3,054,300	LIFE	* *			A	
Concrete			ent, Extent : Modei		a Affected · 30%			Λ	
			Of Concrete Beam	, 11700	ingceied . 5070				
			derate, Area Affec	ted : 30%	6				
	Location :		,	/	•				
			xtent : Light, Area	Affected	l : 100%				
	Location :		_	33					
		_	ition Is As Per Nys	dot Insp	ection Report				

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2452

ridge Structure	Current Repair	Future Replacer	nent	Maintenance			
stem Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated FY	Cycle (Yrs)	e Estimated Cost	Priori		
rs Bi G I							
Pier, Columns	900/	LIDE	* *		D		
Concrete Concrete	80% 20% 2-4 \$13,982,2	LIFE 200 LIFE	* *		B B		
Colletete	Efflorescence, Extent: Light, Area				Ъ		
	Location: Random	Tijjecica : 1070					
	Exposed Reinforcement, Extent : Li	ight, Area Affected : 10%					
	Location : Random	0 / W					
	Spalling, Extent : Light, Area Affec	cted : 30%					
	Location: Random						
Stem,Solid Pier							
Concrete	60%	LIFE	* *		В		
Concrete	40% 4+ \$6,164,8		* *		В		
	Efflorescence, Extent : Light, Area	Affected: 10%					
		Location: Random					
	Other Observation, Extent : Moder Location : Various Locations	rate, Area Affectea : 40%					
	Explanation: Spalling With Expo	asad Rainforcament					
Brngs, Ancr Blts, Pads	Explanation . Spatting with Expo	жей Кетуотсетет					
Steel	100% 2-4 \$366,7	700 LIFE	** 2-8	\$10,100	Α		
	Corrosion, Extent : Light, Area Affe			, ,, ,,			
	Location : Random						
	Rust Stains, Extent : Moderate, Are	ea Affected : 20%					
	Location : Random						
Footings	400-				_		
Not Accessible	100%				D		
Pedestals	1000/				ъ		
Not Accessible	100%				D		
ck Elements Curbs							
Concrete	70%	2043	* *		A		
Concrete	30% Now \$4,387,5		* *		A		
	Cracks, Extent : Light, Area Affecte						
	Location : Random						
	Exposed Reinforcement, Extent : Light, Area Affected : 10%						
	Location: Various Locations						
	Recent Replace Evident, Extent: Light, Area Affected: 30%						
	Location: Random						
	Spalling, Extent : Light, Area Affec	cted : 15%					
	Location: Various Locations						
Guide Railing	000/	TIPE	* *				
	90%	LIFE	ጥ ጥ		Α		
Steel			* *		A		
Steel Steel	10% 4+ \$46,2 Rust Stains, Extent : Light, Area Af	200 LIFE	* *		A		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset # : 2452

Bridge Structure	Current Repair	Future R	eplacement	M						
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code				
Deck Elements										
Median										
Steel	90%	LIFE	* *	4-8	\$31,500	A				
Steel	10% 4+ \$4,600	LIFE	* *	4-8	\$31,500	A				
	Rust Stains, Extent : Light, Area Affect Location : Random	rea : 20%								
	Other Observation, Extent : Light, Are	a Affected · 1	00%							
	Location: Throughout	а пуреска . 1	0070							
	Explanation: The Condition Of The	Center Throu	gh Is Recorded	In Super	structure Under					
	Primary Member		5	~ _F						
Railings/Parapets										
Concrete	90%	2032	* *	4	\$7,100	A				
Concrete	10% 4+ \$11,600	2032	* *	4	\$4,700	A				
	Cracks, Extent: Light, Area Affected:	10%								
	Location: Random	A A CC .	1 100/							
	Exposed Reinforcement, Extent: Light	, Area Affecte	a: 10%							
	Location : Random Spalling, Extent : Moderate, Area Affected : 20%									
	Location: Various Locations	ciea . 2070								
Sidewalks	Zeedinen , antens Zeedinens									
Concrete	50%	2028	* *	5	\$25,300	C				
Concrete	50% Now \$571,700	2028	* *	5	\$12,700	C				
	Cracks, Extent: Moderate, Area Affected: 20%									
	Location: Various Locations									
	Spalling, Extent: Moderate, Area Affected: 25%									
	Location : Various Locations									
	Vegetation Growth, Extent: Light, Area Affected: 15%									
	Location: Various Locations									
Wearing Surface	000/	2024	Φ <i>577</i> , 000	~	Φ 51 500	C				
Asphalt	80% 20% 2-4 \$28,900	2024	\$577,800	5	\$51,500	C				
Asphalt	20% 2-4 \$28,900 Cracks, Extent : Light, Area Affected :	2024	\$144,400	5	\$25,700	C				
	Location: Random	1370								
	Settlement, Extent : Moderate, Area Aj	fected : 20%								
	Location : Random	<i>y</i>								
Superstructure										
Deck,Structural										
Concrete	60%	LIFE	* *	5	\$51,100	A				
Concrete	40% 2-4 \$1,008,000	LIFE	* *	5	\$51,100	A				
	Cracks, Extent: Light, Area Affected:	20%								
	Location: Various Locations									
	Exposed Reinforcement, Extent: Light, Area Affected: 20%									
	Location: Various Locations									
	Spalling, Extent : Light, Area Affected : 20% Location : Various Locations									
	Other Observation, Extent: Light, Are	a Affected · 5	0%							
	_	а гујескей . Э	0,0							
	Location: Random									

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET

Asset #: 2452

Bridge Structure	Current Repair	Future Replacement	Maintenance					
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code				
uperstructure								
Joints								
Generic	100% 0-2 \$190,600	LIFE **		C				
	Loose Joint Plates, Extent : Moderate,	Area Affected : 50%						
	Location: Throughout							
Primary Member	700/		7					
Concrete	70%	LIPE	5 \$29,400	A				
Concrete	30% 2-4 \$1,305,100	LIFE	5 \$29,400	A				
	Cracks, Extent : Light, Area Affected : Location : Random	13%						
	Location : Random Efflorescence, Extent : Light, Area Affected : 15%							
	Location : Random	естей . 1570						
	Exposed Reinforcement, Extent: Mode	erate Area Affected : 20%						
	Location : Various Location	eraic, mea myeetea . 2070						
	Spalling, Extent : Moderate, Area Affe	ected · 20%						
	Location: Random	20,0						
Steel	80%	LIFE **	2-8 \$858,600	A				
Steel	20% 2-4 \$13,811,900	LIFE **	2-8 \$858,600	A				
Steel	Corrosion, Extent : Moderate, Area Aj		2-0 ψ030,000	А				
	Location: Random	yeerea . 2 570						
	Loss of Section, Extent : Light, Area A	ffected : 10%						
	Location: Random),)						
	Rust Stains, Extent : Moderate, Area A	Affected : 25%						
	Location : Random	33						
Secondary Member								
Steel	80%	LIFE **	2-8 \$719,300	В				
Steel	20% 2-4 \$476,600	LIFE **	2-8 \$719,300	В				
	Corrosion, Extent : Light, Area Affecte	ed : 15%						
	Location: Random							
	Rust Stains, Extent : Moderate, Area A	Affected : 25%						
	Location: Random							

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK

Address : GARDNER AVENUE BROOKLYN 47TH STREET QUEENS

Borough : BROOKLYN:QNS. Agency's Number : N/A

Program / Asset # : DOT0150.000 / 13513 Yr Built/Renovated : 1903 /

Area Sq Ft : 5,100 Project Type : WATERWAY BRIDGES

Date of Survey : 26-Apr-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240390

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$1,248,800	
Bridge Electrical	\$1,023,500	\$183,800
Bridge Mechanical	\$226,300	\$100,700
Total	\$2,498,600	\$284,400
Priority A	\$974,600	
Priority B	\$1,524,000	\$284,400
Total	\$2,498,600	\$284,400

\$39,000			
¢20,600			
\$74,500	\$11,200		
		\$200	
\$114,000	\$11,200	\$200	
\$49,200			
\$25,200	\$11,200		
\$39,600		\$200	
FY 2016	FY 2017	FY 2018	FY 2019
	\$39,600 \$25,200 \$49,200 \$114,000 \$74,500	\$39,600 \$25,200 \$49,200 \$114,000 \$11,200	\$39,600 \$200 \$25,200 \$11,200 \$49,200 \$11,200 \$200 \$74,500 \$11,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13513

Current Repair		Future Replacement		Maintenance			
% of Fail Date E Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
100%		LIFE	* *			A	
100%		LIFE	* *			C	
Location: Beginning Loose Fastenings, Exter	t, Extent : Severe, & End Abutments, nt : Severe, Area A	, North Affected	Side Bearings Mis : 100%	esing 1 To	o 2 Anchor Bolts.	A	
100%						D	
Location: End Abutm	ent : Light, Area A ent South Side			uth Sidev	valk	В	
Zupranamen i Zirage i	3.000 1.000.000 1.00 1.00		8.10. 1.10.1.110.20	in State i			
100%						D	
Location: Beginning	ent : Moderate, A & End Abutments	rea Affe	* * cted : 15%			В	
			* *			В	
9070		LIIT				Ъ	
100%						D	
100%						D	
100%						D	
Location: Beginning	ent : Moderate, Ai & End Abutments		* * cted : 5%			С	
	<i>y</i> = 0g = 1.00	-					
100%			* *			C	
	rate, Area Affecte		* *			С	
		2024				С	
						D	
	100% 100% 100% 100% 100% 100% Now Broken/Missing Elemen Location: Beginning Loose Fastenings, Exter Location: All 4 Beari 100% 100% Other Observation, Exte Location: Bridge 100% 10% 10% 4+ Other Observation, Exte Location: Beginning Explanation: Masonr 90% 100%	100% 100% 100% 100% 100% 100% 100% 100% Seginning & End Abutments Loose Fastenings, Extent: Severe, Area A Location: All 4 Bearings Have Loose A 100% 100% Other Observation, Extent: Light, Area A Location: Bridge Side Raised 1.5 In 100%	100% LIFE	100% LIFE ** 100% LIFE ** 100% Now \$61,200 LIFE ** 100% LIFE ** 100% Now \$61,200 LIFE ** 100% LOCATION: Beginning & End Abutments, North Side Bearings Mis Loose Fastenings, Extent: Severe, Area Affected: 20% Location: Beginning & End Abutments, North Side Bearings Mis Loose Fastenings, Extent: Severe, Area Affected: 100% LOCATION: All 4 Bearings Have Loose Anchor Bolt Nuts. 100% LIFE ** Other Observation, Extent: Light, Area Affected: 10% Location: Bridge Side Raised 1.5 Inches Higher Than The So	100% LIFE **	Total Fail Date Estimated Cost Year Estimated Cost Yers Ye	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13513

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
tream Channel								
Pier Protection								
Timber	80%			LIFE	* *			В
Timber	20%	Now	\$152,000	LIFE	**			В
		_	ent, Extent : Mode	rate, Are	ea Affected : 15%			
			oan Pivot Pier					
			xtent : Moderate, A	Area Affe	cted: 25%			
-	Location	: Swing Sp	oan Pivot Pier					
Approaches								
Pavement	1000/			2020	* *	4	¢15.700	C
Asphalt	100%			2028	* *	4	\$15,700	С
Curbs	1000/			LIEE	* *			
Concrete w/ Steel Face	100%			LIFE	**			A
Granite	100%			LIFE				A
Guide Railing	1000/			LIFE	* *	2.0	¢7.500	٨
Steel	100%			LIFE		2-8	\$7,500	A
Sidewalks Concrete	900/			LIFE	* *			C
Concrete	80% 20%	4+	\$10,700	LIFE	* *			C C
Concrete								C
	Cracks, Extent : Moderate, Area Affected : 20% Location : Begin North And South Sidewalks							
		_	ht, Area Affected :					
	-	_	orth Sidewalk	2070				
Movable Bridges								
Swing Span Truss								
Steel	10%	4+	\$228,400	LIFE	* *			A
			Extent : Moderate, 1		ected : 10%			
		: Swing Sp		33				
	Explana	tion : Struc	tural Steel Exhibits	Section	Loss And Corrosi	on In Loc	alized Areas.	
Steel	20%	0-2	\$685,100	LIFE	* *			A
Steel			Extent : Severe, Are		ed : 20%			11
		: Swing Sp		33				
	Explana	tion : Sectio	on Loss And Corro	sion On .	Primary And Seco	ndary Me	embers. Sidewalks	
		Deteriorat			•	J		
Steel	70%			LIFE	* *			A
Swing Span Pivot Pier								
Concrete	100%			LIFE	* *			A
	Other Obs	ervation, E	xtent : Moderate, A	Area Affe	ected : 10%			
	Location	: Swing Sp	oan Pivot Pier					
	Explana	tion : Maso	nry Pointing Need	ed				

Bridge Electrical	Current Re	epair Futi	ıre Replacement	Maintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Communication Electrical Communications	1000/	2015	¢11.200		D
Generic	100%	2017	\$11,200		В

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13513

Bridge Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	* *			В
Disconnect Switch								
Generic	100%			2022	\$10,300			В
Limit Switch								
Rotary	100%			2017				В
Generic	100%	2-4	\$19,000	2044	* *			В
			Extent : Moderate, 1 mit Switches	Area Affe	ected : 75%			
	Explana Exposed		2 Limit Switch Cov	ers Corre	oded And Leaving	Interior (Components	
Electrical Power								
Dist Equip & Motor Controll	[
Generic	100%			2022	\$183,800			В
Raceway								
Submarine Control Cables								
Generic	100%			2018	\$306,300			В
Wiring								
Generic	100%			2018	\$484,100			В
Traffic System Electrical								
Traffic Signal								_
Generic	100%		\$39,300	2019	\$131,200			В
		_	, Extent : Moderat					
			proach, North Stop	_	_			
			Extent : Light, Area		: 10%			
			Mounted On Struc		<i>a</i> .			
T : 1	Explana	tion : Gong	s Inoperative On V	'enicular	Gates			
Lighting								
Lighting Devices	900/	Now	\$6.200	2010	\$62,600			D
Generic	80%		\$6,300 Extent : Light, Area	2018	\$62,600			В
		servanon, E 1 : Roadwa	· ·	Ајјестеа	. 1070			
		-	v Ligniing Fixture Inoperative					
Commi			плите торегануе		* *			D
Generic	20%			2029	* *			В

Bridge 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	
Swing					
Center Latch					
Generic	100% Now \$10,400	2027 * *		В	
	$Other\ Observation,\ Extent:\ Moderate,$	Area Affected : 50%			
	Location : Center Latch				
	Explanation: Components Are Corroded And Need Manual Assistance For Operation.				
Center Pivot/Rim Assembly					
Generic	100%	2027 **		В	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13513

ridge Mechanical	Current Repair	Future Replacement	Maintenance	
stem Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
ring	•		•	
End Lift Generic	100% Now \$68,30 Other Observation, Extent: Severe, Location: End Lifts Explanation: Roller Assemblies A	Area Affected : 100%		В
Houses	Repair.			
Access Ways	100% Now \$27,80 Other Observation, Extent : Severe, Location : Center Pivot Pier And I	Area Affected : 10%		В
	Explanation : Some Center Pivot I Severely Corroded.	Deck Boards Need To Be Repa	ired. Grating At End Lifts Is	
Control House	100% Now \$75,90 Other Observation, Extent : Modera Location : Control And Bridge Ho	te, Area Affected : 100%		В
	Explanation: The Bridge House Is Control House Require Repairs.	At The End Of Its Useful Life	. The Bridge House And	
Main Drive System	100% Now \$42.10	00 2027 **		В
Generic	100% Now \$42,10 Other Observation, Extent: Light, A Location: Operating Machinery	0 2027		Б
_	Explanation : Some Oil Leakage. I	Brakes Are Not Functioning, R	Repairs Needed.	
Rack	1000	IIEE **		-
Generic	100%	LIFE **		В
Live Load Supports Generic	100% Now \$5,00 Other Observation, Extent: Modera Location: Raceways, Roller Nest A Explanation: Components Are Ne	te, Area Affected : 75% And Bases		В
	Bolts.	anning the 2nd of their obeju	. Eger some Bronen imenor	
Traffic Devices	1000/ N	nn 2033 **		D
Barrier Gate	100% Now \$6,00 Other Observation, Extent : Severe, Location : Barrier Gates			В
	Explanation: Gates Do Not Lock			
Warning Gate	100% Now \$40,00 Other Observation, Extent: Severe, Location: Warning Gates Explanation: Some Missing Gate	Area Affected : 50%		В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK

Address : NEW TOWN CREEK, LIRR

Borough : BROOKLYN:QNS. Agency's Number : N/A
Program / Asset # : DOT0047.000 / 2500 Yr Built/Renovated : 1927 /

Area Sq Ft : 76,106 Project Type : WATERWAY BRIDGES

Date of Survey : 23-Apr-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240370

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$169,200	\$1,893,600
Bridge Electrical		\$1,084,400
Bridge Mechanical	\$528,900	
Total	\$698,100	\$2,978,000
Priority A		\$904,800
Priority B	\$528,900	\$1,903,900
Priority C	\$169,200	\$169,200
Total	\$698,100	\$2,978,000

Total	\$227,800	\$20,000	\$249,900	\$26,500
Priority C	\$23,500	\$3,600		\$19,300
Priority B	\$189,900	\$16,400	\$164,400	\$7,200
Priority A	\$14,400		\$85,600	
Total	\$227,800	\$20,000	\$249,900	\$26,500
Bridge Mechanical	\$129,700		\$71,800	
Bridge Electrical	\$38,100	\$16,400	\$10,300	\$7,200
Bridge Structure	\$60,000	\$3,600	\$167,800	\$19,300
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2500

Bridge Structure		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			A
Backwall	10070			LIIL				П
Concrete	100%			LIFE	* *			С
Brngs, Ancr Blts, Pads	10070			LIIL				
Steel	100%			LIFE	* *			A
Footings	10070			LIIL				П
Not Accessible	100%							D
Joint with Deck	10070							
Generic	100%	4+	\$22,100	LIFE	* *			В
Conomi			ent, Extent : Mode		ea Affected : 5%			
		_	ment 2ft Of Armor					
			derate, Area Affec	_				
			g And End Abutme					
Pedestals								
Concrete	100%			LIFE	* *			A
Stem (breastwall)								
Concrete	100%			LIFE	* *			В
Wingwalls								
Footings								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
Stream Channel								
Bank Protection								
Sheet Piling	100%			LIFE	* *			C
			xtent : Moderate, 1					
			nately 40ft To The					
	Explanat	ion : Steel .	Bulkhead Damage	d For 25	ft			
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	100%			LIFE	* *			В
		_	Area Affected : 1					
		_		-	iles At Bascule Pie	rs 5 & 6		
			ctent : Light, Area					
Annroaches	Location	: Random	Locations On Base	cule Pier	s 3 & 6			

Approaches

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2500

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Pavement								
Asphalt	Location Other Obs Location	: Beginning ervation, E : Beginning	ight, Area Affected g And End Approd extent : Light, Area g And End Approd alt Recently Repay	iches Affected iches	* *	4	\$10,700	С
Concrete			\$15,100 derate, Area Affect g Approach	2039 ted : 2%	* *	4	\$26,100	С
Curbs								
Concrete w/ Steel Face			\$14,400 ight, Area Affected es Of The Beginnin		* * nd Approaches			A
Guide Railing								
Steel	100%			LIFE	* *	2-8		A
Pavement Base Not Accessible	100%							D
Sidewalks								
Concrete	100%			LIFE	* *			C
Piers								
Cap Beam	1000/			LIEE	* *			
Concrete	100%			LIFE	* *	2.0		A
Steel	100%			LIFE	* *	2-8		A
Pier, Columns	1000/			LIDE	* *			D
Concrete	100%			LIFE				В
Stem, Solid Pier	1000/			LIDD	* *			В
Concrete	100%			LIFE	4- 4-			В
Brngs,Ancr Blts,Pads Steel	100%			LIFE	* *	2-8	\$29,500	٨
Footings	100%			LIFE		2-0	\$29,300	A
Not Accessible	100%							D
Mat (scour & erosion)	10070							
Not Accessible	100%							D
Pedestals	10070							
Concrete	100%			LIFE	* *			В
Deck Elements	10070			- En E				
Curbs								
Concrete w/ Steel Face			ight, Area Affected 5 & 7 - 12	LIFE l : 30%	**			A
Railings/Parapets								
Steel	Location	: Spans 1	Extent : Light, Area - 5 & 7 - 12 s With Railings.	LIFE Affected	* *	2-8	\$58,600	A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK

Asset #: 2500

Bridge Structure	Current Repair	Future Replacement		Maintenance						
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimate FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority Code				
Deck Elements		•								
Sidewalks										
Concrete	100%	2034	* *	5	\$38,600	C				
	Other Observation, Extent : Light, Area	a Affected : 1%								
	Location : Spans 1 - 5 & 7 - 12									
	Explanation: Only Spans 1 - 5 & 7 -	12								
Wearing Surface	400-		ata ata	_	4.2.2.4.2.2	~				
Concrete	100%	2039	* *	5	\$338,400	C				
Superstructure										
Deck,Structural	100%	LIEE	* *	_	\$66,000					
Concrete	100% Other Observation, Extent : Severe, Ar	LIFE	* *	5	\$66,000	A				
	Location : Span 3	ей Ајјестей . 176								
	Explanation: 3 Sqft Stay In Place Fo	rm Is Corroded								
Joints	Explanation . 5 Sqft Stay In 1 tace 1 o	Im 13 Corroaea.								
Generic	100% 2-4 \$8,400	LIFE	* *			C				
Generie	Leakage, Extent : Moderate, Area Affe					C				
	Location: Pier 10									
	Missing/Damaged Seal, Extent : Moderate, Area Affected : 2%									
	Location: Pier 4 Armored Joint At North Curb Damaged									
	Other Observation, Extent : Moderate, Area Affected : 20%									
	Location : Spans 3, 4, 7 & 10									
	Explanation: Joints Filled With Dirt.									
Primary Member										
Steel	100%	LIFE	* *	2-8	\$1,530,700	A				
Secondary Member										
Steel	100%	LIFE	* *	2-8	\$1,282,300	В				
Movable Bridges										
Bascule Span										
Steel	100%	LIFE	* *			Α				
	Other Observation, Extent : Light, Area	a Affected : 1%								
	Location: Bascule Span 6									
D 1 0 D'	Explanation : Sidewalk & Roadway V	Vearing Surface Is I	Vew							
Bascule Span Pier	1000/	LIEC	* *							
Concrete	100%	LIFE				A				
	Other Observation, Extent : Moderate, Location : Bascule Span Piers 5 & 6	Area А <u></u> ђестеа : 15%	О							
	Location : Basewie Span Fiers 5 & 0 Explanation : Base Of Trunnion Tower Columns Exhibit Corrosion,									
	Explanation : Base Of Trunnion Tow	er Columns Exhibit	Corrosia	ırı,						

Bridge Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical								
Intercom								
Generic	100%	Now	\$14,000	2024	\$14,000			В
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	ed : 100%			
	Location	: Entire B	ridge					

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.

Explanation: Intercom Not Functioning

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2500

Bridge Electrical	Current Rep	pair Fut	Future Replacement		Maintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost Yea	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical						
Telephone						
Desk Top	100%	202	3			В
Control System Electrical						
Control Console	1000/	Φ0.000 III	□ **			ъ
Stainless Steel	100% 4+	\$8,900 LIF	٠			В
	Broken/Missing Elem, E Location : Knob On P					
	Other Observation, Exte Location : Control De	=	ea : 10%			
			ndicatina Liahta			
Control Devices	Explanation : Power I	reeder Khob Broken, I	naicaiing Lignis			
Relay	100% Now	\$7,200 202	0 **			В
Relay	Other Observation, Exte					Ъ
	Location : Motor Driv		jjecica i 5070			
	Explanation : Meters S		uring Operation Of	Drives		
Disconnect Switch	Expression: Herers :	nion current surge D	uring operation of I	377765		
Non Fused	100%	203	7 **	1	\$35,900	В
Limit Switch	10070		,		422,500	
Generic	100%	203	7 **			В
Local Starter			·			
Magnetic	100%	203	7 **			В
Drive						
Machinery Brake						
Thruster	100%	205	0 **	1	\$1,100	В
Motor Brake						
Thruster	100%	204	4 **	1	\$1,100	В
Span Lock Motor						
Generic	100%	204	4 **	1	\$1,100	В
Electrical Power						
MCC						
Contactors	100%	203	7 **			В
PanelBoard	400-	• 0.4			* 00	_
Circuit Breaker	100%	204	1 **	1	\$6,700	В
Service Equipment	1000/					
Not Accessible	100%					D
Transfer Switch	1000/					ъ
Not Accessible	100%					D
Transformer	1000/	202	7 **			D
Dry Enterior Lighting	100%	203	1			В
Exterior Lighting						
Lighting Contactor Generic	100%	203	7 **	1	\$5,600	В
Lighting Fixture	100/0	203	<u> </u>	1	φ5,000	ע
HID	100%	201	7			В
Ш	Broken/Missing Elem, E					ע
	Location: Northeast A					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2500

Bridge Electrical		Current Repair		Future Replacement		Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior Lighting							
Pole							
Steel	100%		2025				В
Spot Lighting							
Generic	40%		2017	\$6,100			В
Generic	60%	·	2022	\$9,100			В
	Broken/M	issing Elem, Extent : Moderate	e, Area A	Affected : 10%			
	Location	a : Areaways					
Ground/Lightning Protection							
Ground Rod							
Not Accessible	100%						D
Interior Lighting							
Lighting Fixture							
Fluorescent	100%		2018	\$3,100	1	\$5,600	В
HID	100%		2022	\$3,100		72,000	В
Incandescent	100%		2017	\$3,100			В
Wiring Device	10070		2017	ψ5,100			ь
Generic	100%		2029	* *			В
	10070		2029				ъ
Navigation Lighting							
Fender Lighting	1000/		2010				D
Incandescent	100%		2019				В
Span Lighting	400		• • • •				_
Incandescent	100%		2019		1	\$2,300	В
Raceway							
Box							
Pull Junction	100%		2024		1	\$6,700	В
Terminal	100%		2029	* *	1	\$2,300	В
Communications							
Twisted Shielded pair	100%		2023				В
Conduit							
Metal	100%		2052	* *			В
Submarine Control Cables							
Generic	100%		2025	\$1,084,400			В
Submarine Power Cable				. , , ,			
Generic	100%		2025				В
Trough	10070		2028				
Metal	100%		2059	* *	1	\$1,100	В
Wires	10070		2037		1	Ψ1,100	
Thermoplastic	100%		2029	* *			В
	100%		2029				Б
Span Lock							
Motor	1000/		2027	* *			n
Squirrel Cage	100%		2027	* *			В
Stand-by Power							
Transfer Switch	, = =						_
Not Accessible	100%						D
Traffic System Electrical							
Traffic Gate Lighting							
Incandescent	100%		2019		1	\$1,100	В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2500

Bridge Electrical	Current Re	epair Fu	ure Replacement	М	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	r Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Traffic System Electrical						
Traffic Gong						
Generic	100%	201	9	1	\$600	В
Traffic Signal						
Generic	100%	202	2	1	\$600	В

		Estimated Cost	Year FY	Estimated Cos		Estimated Cost	Priority Code
							_
		,		·	* 2	\$71,800	В
			Area Affe	ectea : 100%			
		_	t				
Ехріанано	m . some C	20110sion 1 resen	ı				
100%	Now	\$24,000	2027	*	*		В
				ected : 10%			_
Location:	Throughou	ut All Areas					
Explanatio	on : Some (Grating And Doo	r/ Hatch	Repair Necessai	ry. Cwt Ac	cess Platform	
		t & Northeast					
		\$54,200			*		В
			Area Affe	ected : 10%			
			4 1 117.				
-		-	And Wind	lows Need Repa	ır. Some F	loor Panels Need	
			2052	*	*		В
				ected : 10%			Ъ
Explanatio	n : Machii	nery Rooms Are (Corroded	. Some Doors,	Hatches A	nd Locks Need	
Repair.							
					_		_
		. ,			*		В
			Area Affe	ected : 20%			
			Need To	Do Doduced O	il I aakaaa	From Coar	
				ве кешисеа. О	и сеикиде	Trom Gear	
reducers	та сотре	menus III e corre					
100%	Now	\$230,500	2052	*	* 2	\$215,500	В
Other Obser	vation, Ex	tent : Light, Area	Affected	: 20%			
Location:	Operating	Machinery					
-				-	pling Gasi	kets Are	
Deteriorat	ing. South	west Differential	Makes Ai	typical Noise			
1000/	Now	\$27,000	2052	sle	*		D
					•		В
		ieni . Ligni, Area	Ајјестеа	. 4/0			
Locuion.	MUKS						
	100% Other Obser Location: Explanation 100% Other Obser Location: Explanation Missing At 100% Other Obser Location: Explanation Repair. We 100% Other Obser Location: Explanation Repair. 100% Other Obser Location: Explanation Reducers At 100% Other Obser Location: Explanation Other Obser Location: Explanation Deteriorat	100% 2-4 Other Observation, Ex Location: Counterwe Explanation: Some Of 100% Now Other Observation, Ex Location: Throughout Explanation: Some Of Missing At Northwest 100% Now Other Observation, Ex Location: Control H Explanation: The Roc Repair. Water Heater 100% Now Other Observation, Ex Location: Machinery Explanation: Machinery Explanation: Machinery Explanation: Lock Bars Explanation: All Loc Reducers And Composition 100% Now Other Observation, Ex Location: Operating Explanation: Oil Lec Deteriorating. South	100% 2-4 \$48,500 Other Observation, Extent: Moderate, Incoation: Counterweights Explanation: Some Corrosion Present 100% Now \$24,000 Other Observation, Extent: Moderate, Incoation: Throughout All Areas Explanation: Some Grating And Door Missing At Northwest & Northeast 100% Now \$54,200 Other Observation, Extent: Moderate, Incoation: Control House Explanation: The Roof, Some Doors of Repair. Water Heater Leaks. 100% Now \$33,300 Other Observation, Extent: Moderate, Incoation: Machinery Rooms Explanation: Machinery Rooms Explanation: Machinery Rooms Are Of Repair. 100% Now \$103,300 Other Observation, Extent: Moderate, Incoation: Lock Bars Explanation: All Lockbar Clearances Reducers And Components Are Corrosion 100% Now \$230,500 Other Observation, Extent: Light, Area Location: Operating Machinery Explanation: Oil Leakage. Component Deteriorating. Southwest Differential 100% Now \$27,900 Other Observation, Extent: Light, Area	100% 2-4 \$48,500 2052 Other Observation, Extent: Moderate, Area Affelocation: Counterweights Explanation: Some Corrosion Present 100% Now \$24,000 2027 Other Observation, Extent: Moderate, Area Affelocation: Throughout All Areas Explanation: Some Grating And Door/ Hatch Missing At Northwest & Northeast 100% Now \$54,200 2039 Other Observation, Extent: Moderate, Area Affelocation: Control House Explanation: The Roof, Some Doors And Winder Repair. Water Heater Leaks. 100% Now \$33,300 2052 Other Observation, Extent: Moderate, Area Affelocation: Machinery Rooms Explanation: Machinery Rooms Explanation: Machinery Rooms Are Corroded Repair. 100% Now \$103,300 2033 Other Observation, Extent: Moderate, Area Affelocation: Lock Bars Explanation: All Lockbar Clearances Need To Reducers And Components Are Corroding. 100% Now \$230,500 2052 Other Observation, Extent: Light, Area Affected Location: Operating Machinery Explanation: Oil Leakage. Components Are Coderiorating. Southwest Differential Makes Ail 100% Now \$27,900 2052 Other Observation, Extent: Light, Area Affected	100% 2-4 \$48,500 2052 * Other Observation, Extent: Moderate, Area Affected: 100% Location: Counterweights Explanation: Some Corrosion Present 100% Now \$24,000 2027 * Other Observation, Extent: Moderate, Area Affected: 10% Location: Throughout All Areas Explanation: Some Grating And Door/ Hatch Repair Necessar Missing At Northwest & Northeast 100% Now \$54,200 2039 * Other Observation, Extent: Moderate, Area Affected: 10% Location: Control House Explanation: The Roof, Some Doors And Windows Need Repair Repair. Water Heater Leaks. 100% Now \$33,300 2052 * Other Observation, Extent: Moderate, Area Affected: 10% Location: Machinery Rooms Explanation: Machinery Rooms Are Corroded. Some Doors, Repair. 100% Now \$103,300 2033 * Other Observation, Extent: Moderate, Area Affected: 20% Location: Lock Bars Explanation: All Lockbar Clearances Need To Be Reduced. O Reducers And Components Are Corroding. 100% Now \$230,500 2052 * Other Observation, Extent: Light, Area Affected: 20% Location: Operating Machinery Explanation: Oil Leakage. Components Are Corroding & Couder Observation, Extent: Light, Area Affected: 20% Location: Operating Southwest Differential Makes Atypical Noise 100% Now \$27,900 2052 * Other Observation, Extent: Light, Area Affected: 2% Other Observation, Extent: Light, Area Affected: 2%	Total (Years) FY (Yrs) 100% 2-4 \$48,500 2052 ** 2 Other Observation, Extent: Moderate, Area Affected: 100% Location: Counterweights Explanation: Some Corrosion Present 100% Now \$24,000 2027 ** Other Observation, Extent: Moderate, Area Affected: 10% Location: Throughout All Areas Explanation: Some Grating And Door/ Hatch Repair Necessary. Cwt Active Missing At Northwest & Northeast 100% Now \$54,200 2039 ** Other Observation, Extent: Moderate, Area Affected: 10% Location: Control House Explanation: The Roof, Some Doors And Windows Need Repair. Some Faepair. Water Heater Leaks. 100% Now \$33,300 2052 ** Other Observation, Extent: Moderate, Area Affected: 10% Location: Machinery Rooms Explanation: Machinery Rooms Explanation: Machinery Rooms Are Corroded. Some Doors, Hatches Arepair. 100% Now \$103,300 2033 ** Other Observation, Extent: Moderate, Area Affected: 20% Location: Lock Bars Explanation: All Lockbar Clearances Need To Be Reduced. Oil Leakage Reducers And Components Are Corroding. 100% Now \$230,500 2052 ** 2 Other Observation, Extent: Light, Area Affected: 20% Location: Operating Machinery Explanation: Oil Leakage. Components Are Corroding & Coupling Gast Deteriorating. Southwest Differential Makes Atypical Noise 100% Now \$27,900 2052 **	Total (Years) FY (Yrs) 100% 2-4 \$48,500 2052 ** 2 \$71,800 Other Observation, Extent: Moderate, Area Affected: 100% Location: Counterweights Explanation: Some Corrosion Present 100% Now \$24,000 2027 ** Other Observation, Extent: Moderate, Area Affected: 10% Location: Throughout All Areas Explanation: Some Grating And Door/ Hatch Repair Necessary. Cwt Access Platform Missing At Northwest & Northeast 100% Now \$54,200 2039 ** Other Observation, Extent: Moderate, Area Affected: 10% Location: Control House Explanation: The Roof, Some Doors And Windows Need Repair. Some Floor Panels Need Repair. Water Heater Leaks. 100% Now \$33,300 2052 ** Other Observation, Extent: Moderate, Area Affected: 10% Location: Machinery Rooms Explanation: Machinery Rooms Are Corroded. Some Doors, Hatches And Locks Need Repair. 100% Now \$103,300 2033 ** Other Observation, Extent: Moderate, Area Affected: 20% Location: Lock Bars Explanation: All Lockbar Clearances Need To Be Reduced. Oil Leakage From Gear Reducers And Components Are Corroding. 100% Now \$230,500 2052 ** 2 \$215,500 Other Observation, Extent: Light, Area Affected: 20% Location: Operating Machinery Explanation: Oil Leakage. Components Are Corroding & Coupling Gaskets Are Deteriorating. Southwest Differential Makes Atypical Noise 100% Now \$27,900 2052 ** Other Observation, Extent: Light, Area Affected: 2% Other Observation, Extent: Light, Area Affected: 2% Other Observation, Extent: Light, Area Affected: 2%

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK

Asset #: 2500

ridge Mechanical	Current Rep	oair	Future Re	eplacement	M	aintenance	
ystem Component Type	% of Fail Date E Total (Years)	stimated Cost	Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
scule							
Live Load Supports							
Generic	100% Now	\$1,100	2033	* *			В
	Other Observation, Ext	ent : Moderate, A	Area Affectea	d: 100%			
	Location : Live Load	Bearings					
	Explanation : Bearing	s Need To Be Ad	ljusted In Co	onjunction With	Locks.		
Traffic Devices							
Barrier Gate	100% Now	\$19,400	2027	* *			В
	Other Observation, Ext	ent : Severe, Are	a Affected : 2	2%			
	Location : Barrier Ga	tes					
	Explanation : Vehicle Locks On Some Gates		ı Requires R	epair. Broken/	Missing	Hardware &	
Warning Gate	100% Now	\$24,000	2027	* *			В
_	Other Observation, Ext	ent : Moderate, A	Area Affectea	d: 10%			
	Location : Warning G	ates					
	Explanation: Broken	Guy Wire And A	nchor Bolt C	On One Gate. M	Aissing L	ocks.	
Trunnion							
Generic	100% Now	\$92,400	2052	* *			В
	Other Observation, Extent : Moderate, Area Affected : 10%						
	Location: Trunnion Assemblies						
	Explanation : Corrosi Likely Small Dry Spot	0 1	k On West Fo	or A Few Degi	ees Of O	peration. Most	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HAMILTON AVENUE BRIDGE NORTHBOUND LEAF

Address : HAMILTON AVE./GOWANUS CANAL

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 7,300 Project Type : WATERWAY BRIDGES

Date of Survey : 19-May-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240232

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$491,300	\$1,364,400
Total	\$491,300	\$1,364,400
Priority A		\$72,300
Priority C	\$491,300	\$1,292,100
Total	\$491,300	\$1,364,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure		\$4,800	\$8,500	\$29,000
Bridge Electrical	\$8,500	\$6,600	\$6,600	\$6,600
Bridge Mechanical	\$65,500		\$62,900	
Total	\$74,000	\$11,400	\$78,000	\$35,600
Priority A			\$8,500	
Priority B	\$74,000	\$6,600	\$69,400	\$6,600
Priority C		\$4,800		\$29,000
Total	\$74,000	\$11,400	\$78,000	\$35,600



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13434

Bridge Structure		Current R	epair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	* *			A
Backwall								
Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Stem (breastwall)								
Concrete	100%			LIFE	* *			В
Masonry: Granite	100%			LIFE	* *			В
Walls								
Concrete	100%			LIFE	* *			Α
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			С
Piles								
Not Accessible	100%							D
Walls								_
Concrete	100%			LIFE	* *			C
Stream Channel								
Bank Protection	1000/			LIDE	* *			a
Concrete	100%			LIFE				С
Timber	50%	NT	Ф2.42. 2 00	2022	\$1,144,000			C
Timber	50%	Now	\$343,200	2032				C
			ent, Extent : Sever		Ajjeciea : 25% Bulkhead Missing I	Elamanto		
M / / 0 :)	Location	. Begin Av	uimeni Kigni Side	1 imber 1	buikneaa missing i	Liemenis		
Mat (scour & erosion) Not Accessible	100%							D
Pier Protection								_
Timber	100%			LIFE	* *			В
Approaches Pavement								
Asphalt	100%			2027	* *	4	\$58,000	C
Concrete	100%			2037	* *	4		C
Curbs								
Steel	100%			LIFE	* *			A
Guide Railing Steel	100%			LIFE	* *	2-8	\$26,200	A
Pavement Base							· · · · · · · · · · · · · · · · · · ·	
Not Accessible	100%							D
Sidewalks								
Concrete	100%			LIFE	* *			C

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13434

Bridge Structure	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Piers	•							
Cap Beam								
Steel	100%		LIFE	* *	2-8		A	
Pier, Columns								
Concrete	100%		LIFE	* *			В	
Stem,Solid Pier								
Concrete	100%		LIFE	* *			В	
Brngs,Ancr Blts,Pads								
Steel	100%		LIFE	* *	2-8	\$6,900	A	
Footings								
Not Accessible	100%						D	
Mat (scour & erosion)								
Not Accessible	100%						D	
Pedestals								
Concrete	100%		LIFE	* *			В	
Deck Elements								
Curbs								
Steel	100%		LIFE	* *			A	
Guide Railing								
Steel	100%		LIFE	* *			A	
Median								
Cobblestone	100%		2052	* *			A	
Railings/Parapets								
Steel	100%		LIFE	* *	2-8	\$8,500	A	
Sidewalks								
Concrete	100%		2032	* *	5	\$9,600	C	
Wearing Surface								
Asphalt	100%		2027	* *	5	\$139,200	C	
Concrete	100%		2037	* *	5	\$156,900	C	
Superstructure								
Deck,Structural								
Concrete	100%		LIFE	* *	5	\$8,000	A	
Joints								
Steel	100%		LIFE	* *			C	
Primary Member								
Concrete	100%		LIFE	* *	5		A	
Steel	100%		LIFE	* *	2-8	\$135,000	A	
Secondary Member								
Concrete	100%		LIFE	* *	5		В	
Movable Bridges								
Bascule Span								
Steel	100%		LIFE	* *			A	
Bascule Span Pier								
Concrete	100%		LIFE	* *			A	

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13434

Bridge Electrical	Current Repa	ir Futur	e Replacement	М	aintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical		•	•			
Intercom						
Generic	100%	2022	\$17,500			В
Telephone						
Desk Top	100%	2022	\$300			В
Jack						
Telephone	100%	2022	\$200			В
Control System Electrical						
Computer						
PLC	100%	2022	\$24,000			В
Control Console						
Stainless Steel	100%	LIFE	* *			В
Control Devices						
Relay	100%	2042	* *			В
Disconnect Switch						
Non Fused	100%	2042	* *	1	\$35,900	В
Limit Switch						
Rotary	100%	2022				В
Local Starter						
Magnetic	100%	2042	* *			В
Drive						
Grating Motor						
Generic	100%	2052	* *			В
Machinery Brake						
Thruster	100%	2052	* *	1	\$1,100	В
Motor Brake					. , ,	
Thruster	100%	2052	* *	1	\$1,100	В
Span Lock Motor					+-,	
Generic	100%	2052	* *	1	\$600	В
Electrical Power	10070	2002			Ψ000	
PanelBoard						
Circuit Breaker	100%	2042	* *	1	\$6,700	В
Service Equipment	10070	2012		-	Ψ0,700	
Circuit Breaker	100%	2042	* *			В
Transfer Switch	10070	2042				В
Auto	100%	2042	* *			В
Exterior Lighting	10070	2072				
Lighting Fixture						
HID	100%	2022	\$6,000			В
Spot Lighting	10070	2022	\$0,000			
Generic	100%	2022	\$19,800			В
	10070	2022	\$19,000			ъ
Ground/Lightning Protection Ground Bus						
	1000/	2027	* *			В
Copper Crownd Rod	100%	2027				D
Ground Rod	1000/					D
Not Accessible	100%					D
Ground Wire	1000/	2027	* *			D
Green	100%	2027	* *			В

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13434

Bridge Electrical		Current F	Repair	Futur	e Replacement	Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior Lighting								
Exit Lighting								
Battery Operated	100%			2027	* *			В
Lighting Fixture								
HID	100%			2027	* *			В
Navigation Lighting								
Pier Lighting Incandescent	100%			2022	\$5,700	1	\$4,500	В
Span Lighting	100%			2022	\$3,700	1	\$4,300	D
Incandescent	100%	Now	\$2,200	2022	\$10,800	1	\$2,000	В
meandescent			\$2,200 Extent : Severe, Are			1	Ψ2,000	ъ
			Span Lights	33				
			Lights Not Working					
Raceway	<u> </u>							
Box								
Pull Junction	100%			2032	* *	1	\$4,500	В
Conduit								
Metal	100%			2062	* *			В
Submarine Control Cables	1000/			2027	* *			ъ
Control	100%			2027	* *			В
Submarine Power Cable Power	100%			2027	* *			В
Trough	100%			2027				Б
Metal	100%			2062	* *	1	\$1,100	В
Wires	10070			2002		1	ψ1,100	ь
Thermoplastic	100%			2042	* *			В
Span Lock								
Motor								
Squirrel Cage	100%			2037	* *			В
Stand-by Power								
Generator								
Diesel	100%			2042	* *	1	\$4,500	В
Transfer Switch	400				de de			_
Auto	100%			2042	* *			В
Traffic System Electrical								
Barrier Gate Lighting Incandescent	100%			2022	\$14,000	1	\$1,100	В
Traffic Gate Lighting	100%			2022	\$14,000	1	φ1,100	ע
Incandescent	100%			2022	\$14,000	1	\$1,100	В
Traffic Gong	10070			2022	Ψ11,000		Ψ1,100	
Generic	100%			2022	\$14,800	1	\$600	В
Traffic Sign							· -	
Fixed	100%			2022				В
Traffic Signal								
Generic	100%			2022	\$2,600	1	\$600	В

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13434

idge Mechanical	Current Rep	oair	Future	e Replacement	M	aintenance	
stem Component Type	% of Fail Date E Total (Years)	Stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
scule							
Counter Weight	1000/		2062	* *	2	¢44.000	D
Generic	100%		2062	* *	2	\$44,900	В
Emergency Drive Emergency Power	100% Now Other Observation, Exte Location : Hpu & Con		2062 ea Affecte	* * d : 5%	2	\$71,800	В
	Explanation : Operati The Presence Of Exha				ed. Check	k Operation & For	
Fuel Tanks							
Generic	100%		2042	* *			В
Houses	1000/ 37	фооо	2027	* *			ъ
Access Ways	100% Now Other Observation, Extending Counterwest Explanation: Locking	ight Access Plat	form	cted : 2%	. Ronairo	d	В
Control House				**	керине	<i>u</i> .	D
Control House	100% Now Other Observation, Exte Location: Control Ho Explanation: Leaky W	ouse		: 2%			В
Machinery Room	100% Now	\$1,700	2062	* *			В
	Other Observation, Exte Location : Machine Re	ent : Light, Area oom	Affected	: 2%			
	Explanation : Some W	ater Leakage In	to Room				
Lock Bars With Motor	100% 0-2 Other Observation, Ext Location : East Lock I	Bars			2	\$35,900	В
16	Explanation : Some C	overage Of Deb	ris. Missi	ng Nuts On Conne	ecting Ro	d Pin Bolts.	
Main Drive System Generic	100% Other Observation, Exte Location : East Machi Explanation : Breathe	ine Room			2	\$134,700	В
Rack				<u> </u>			
Generic	100%		2062	* *			В
Live Load Supports							
Generic	100% 0-2 Other Observation, Exte	_		**: 2%			В
Traffic Devices	Explanation : Bumper	DIOCK WOOd IS	<i>эринп</i> пд.				
Barrier Gate	100%		2037	* *			В
Warning Gate	100%		2037	* *			В
Trunnion Generic	100%		2062	* *			В
-							

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF

Address : HAMILTON AVE./GOWANUS CANAL

Borough : BROOKLYN Agency's Number : N/A

Area Sq Ft : 7,300 Project Type : WATERWAY BRIDGES

Date of Survey : 19-May-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240231

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$185,900	\$933,600
Bridge Electrical		\$133,000
Total	\$185,900	\$1,066,600
Priority A		\$427,600
Priority B		\$560,600
Priority C	\$185,900	\$78,500
Total	\$185,900	\$1,066,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$11,400	\$12,500	\$87,000	\$29,000
Bridge Electrical	\$8,300	\$6,600	\$6,600	\$6,600
Bridge Mechanical	\$74,900		\$62,900	
Total	\$94,700	\$19,100	\$156,500	\$35,600
Priority A			\$44,200	
Priority B	\$83,300	\$6,600	\$112,300	\$6,600
Priority C	\$11,400	\$12,500		\$29,000
Total	\$94,700	\$19,100	\$156,500	\$35,600



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4217

Bridge Structure		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals	1000/				de de			
Concrete	100%			LIFE	* *			<u>A</u>
Backwall	1000/			LIDD	* *			C
Concrete Brngs,Ancr Blts,Pads	100%			LIFE				C
Not Accessible	100%							D
Footings	10070							
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Stem (breastwall)								
Concrete	100%			LIFE	* *			В
Masonry: Granite	100%			LIFE	* *			В
Walls								
Concrete	100%			LIFE	* *			A
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion)	100%							
Generic	100%			LIFE	* *			C
Piles	10070			EII E				
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
Stream Channel								
Bank Protection								
Riprap			\$107,400 , Area Affected : tment Left Side	LIFE 10%	* *			С
Sheet Piling	100%			LIFE	* *			С
Timber	90%			2027	* *			C
Timber		Now	\$11,400	2027	* *			C
			nt, Extent : Sever nent Left Side	e, Area A	Affected : 10%			
Mat (scour & erosion) Not Accessible	100%							D
Pier Protection Timber	100%			LIFE	* *			В
Approaches								
Pavement	1000/			2027	* *	1	\$58,000	C
Asphalt Concrete	100% 100%			2027 2037	* *	4 4	\$58,000	C C
Curbs	100%			2037		4		
Steel	100%			LIFE	* *			A
Guide Railing	10070			- LII L				11
Steel	100%			LIFE	* *	2-8	\$26,200	A
				*		-	, .	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4217

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches							
Pavement Base Not Accessible	100%						D
Sidewalks							
Concrete	100%		LIFE	* *			C
Piers							
Cap Beam							
Steel	100%		LIFE	* *	2-8		A
Pier,Columns							
Concrete	100%		LIFE	* *			В
Stem,Solid Pier							
Concrete	100%		LIFE	* *			В
Brngs, Ancr Blts, Pads							
Steel	100%		LIFE	* *	2-8	\$6,900	A
Footings	,						_
Not Accessible	100%						D
Mat (scour & erosion)	400						_
Not Accessible	100%						D
Pedestals	1000/			de de			-
Concrete	100%		LIFE	* *			В
Deck Elements							
Curbs	1000/		LIPE	* *			
Steel	100%		LIFE	* *			A
Guide Railing	1000/		LIPE	* *			
Steel	100%		LIFE	* *			A
Median	1000/		2052	* *			
Cobblestone	100%		2052	* *			A
Railings/Parapets	1000/		LIEE	* *	2.0	Φ0.700	
Steel	100%		LIFE	* *	2-8	\$8,500	A
Sidewalks	1000/		2022	* *	~	Φ0. 600	0
Concrete	100%		2032	* *	5	\$9,600	С
Wearing Surface	1000/		2027	* *	~	Φ1 <i>5</i> , 5 00	0
Asphalt	100% 100%		2027	* *	5	\$15,500	C
Concrete	100%		2037	-11-	5	\$156,900	С
Superstructure Dools Structurel							
Deck,Structural Concrete	100%		LIFE	* *	5	\$3,300	٨
Joints	100%		LIFE		3	\$3,300	A
Joints Steel	100%		LIFE	* *			С
•	100%		LIFE				
Primary Member Concrete	100%		LIFE	* *	5		A
Steel	100%		LIFE	* *	2-8	\$798,600	A A
	10070		LITE		2-0	ψ170,000	А
Secondary Member Steel	100%		LIFE	* *	2-8	\$669,000	В
Movable Bridges	100%		LILE		2-0	φυυθ,υυυ	D
Bascule Span							
Steel	100%		LIFE	* *			A
Sieci	100%		LIFE				A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4217

Bridge Structure	Current	Repair	Future	e Replacement	Ma	aintenance	
System Component Type	% of Fail Dat Total (Years)		Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Movable Bridges							
Bascule Span Pier Concrete	100%	L	LIFE	* *			A

Bridge Electrical	Current I	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical							
Communications							
Generic	100%		2022	\$33,500			В
Control System Electrical							
Computer	400			** * * * * * * * * * * * * * * * * * *			_
PLC	100%		2022	\$24,000			В
Control Console	1000/		LIDE	* *			ъ.
Stainless Steel	100%		LIFE	* *			В
Control Devices	1000/		20.12	* *			ъ
Relay	100%		2042	* *			В
Disconnect Switch	1000/		2042	* *	1	¢25,000	D
Non Fused	100%		2042	* *	1	\$35,900	В
Limit Switch	1000/		2022				D
Rotary	100%		2022				В
Local Starter	1000/		2042	* *			D
Magnetic	100%		2042				В
Drive Grating Motor							
Generic	100%		2052	* *			В
Generic	Other Observation, I	Extent : Light, Area		: 100%			ъ
	Location : Machine		11990000	. 100,0			
	Explanation : Grat		ion Used	For Main Motor			
Machinery Brake	T	8					
Thruster	100%		2052	* *	1	\$1,100	В
Motor Brake						•	
Thruster	100%		2052	* *	1	\$1,100	В
Span Lock Motor							
Generic	100%		2052	* *	1	\$600	В
Electrical Power							
PanelBoard							
Circuit Breaker	100%		2042	* *	1	\$6,700	В
Service Equipment							
Circuit Breaker	100%		2042	* *			В
Transfer Switch							
Auto	100%		2042	* *			В
Exterior Lighting							
Lighting Fixture							
HID	100%		2022				В
Spot Lighting	1000/		2025				
Generic	100%		2022				В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4217

Bridge Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2027	* *			В
Ground Rod								
Not Accessible	100%							D
Ground Wire	400				de de			_
Green	100%			2027	* *			В
Interior Lighting								
Exit Lighting	1000/			2027	* *			D
Battery Operated	100%			2027				В
Lighting Fixture	1000/			2027	* *			D
HID Novication Linking	100%			2027				В
Navigation Lighting Pier Lighting								
Incandescent	100%	Now	\$300	2022	\$5,700	1	\$4,000	В
meandescent	Other Obs Location	ervation, E : North Pi	Extent : Light, Area			1	Ψ+,000	Б
Span Lighting	1							
Incandescent	Location	: East And	\$2,200 Extent : Moderate, A I West Bascule Ligh	hts	\$10,800 ected : 100%	1	\$2,000	В
D	Explana	tion : Red L	Lights Not Working	•				
Raceway Box								
Pull Junction	100%			2032	* *	1	\$4,500	В
Conduit	10070			2032		1	Ψ+,500	
Metal	100%			2062	* *			В
Submarine Control Cables	10070			2002				ь
Control	100%			2027	* *			В
Submarine Power Cable	10070							
Power	100%			2027	* *			В
Trough								
Metal	100%			2062	* *	1	\$1,100	В
Wires							•	
Thermoplastic	100%			2042	* *			В
Span Lock								
Motor								
Squirrel Cage	100%			2037	* *			В
Stand-by Power						_		
Generator								_
Diesel	100%			2042	* *	1	\$4,500	В
Transfer Switch								_
Auto	100%			2042	* *			В
Traffic System Electrical								
Barrier Gate Lighting	1000/			2022		1	¢1 100	D
Incandescent	100%			2022		1	\$1,100	В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4217

Bridge Electrical	Curre	nt Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Year	ate Estimated Cost (s)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Traffic System Electrical							
Traffic Gate Lighting							
Incandescent	100%		2022		1	\$1,100	В
Traffic Gong							
Generic	100%		2022		1	\$600	В
Traffic Sign							
Fixed	100%		2022				В
Traffic Signal							
Generic	100%		2022	\$133,000	1	\$600	В

idge Mechanical	Current Re	pair	Futur	e Replacement	M	aintenance			
stem Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priori		
cule									
Counter Weight									
Generic	100%		2062	* *	2	\$44,900	В		
Emergency Drive									
Emergency Power	100% Now	\$7,700	2062	* *	2	\$71,800	В		
	Other Observation, Ext		a Affecte	ed:5%					
	Location: Hpu & Control Rooms								
	Explanation: Operation Of Emergency Systems Was Not Observed. Check Operation And								
	For The Presence Of	Exhaust Gas In (Control T	Tower					
Fuel Tanks	4000						_		
Under Construction	100%						D		
Houses	400			de de			_		
Access Ways	100%		2037	* *			В		
Control House	100% Now	\$10,500	2062	* *			В		
	Other Observation, Ext	_	Affected	: 2%					
	Location : Control Ho		_						
	Explanation : Leaky V		ver Leve	l Door.					
Machinery Room	100% Now	\$3,300	2062	* *			В		
	Other Observation, Ext	ent : Light, Area	Affected	: 2%					
	Location: Machine Room								
	Explanation : Some W	ater Leakage In	to Room						
Lock Bars									
With Motor	100% 0-2	\$9,700	2037	* *	2	\$35,900	В		
	Other Observation, Ext		Area Affe	ected : 2%					
	Location: West Locks	· ·							
	Explanation : Some C			ing Nuts On Conne	ecting Ro	d Pin Bolts.			
	Pooling Of Water At I	nboard Crank B	ase						
Main Drive System	1000/		202		-	4.2.2 2-	_		
Generic	100%		2062	**	2	\$134,700	В		
	Other Observation, Extent : Light, Area Affected : 2%								
	Location: West Machine Room								
	Explanation: Brake Covers Have Been Removed And Need To Be Re-installed. Breathers								
Rack	Will Need To Be Char	igea Soon							
Generic	100%		2062	* *			В		
Generic	100%		2002				В		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF

Asset #: 4217

ridge Mechanical	Current Rep	air	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ascule							
Live Load Supports							
Generic	100% 0-2	\$1,100	2037	* *			В
	Other Observation, Exte	nt : Light, Area	Affected	: 5%			
	Location: Cwt Pit And	l Bascule Span					
	Explanation : Bumper Appeared To Be Loose		plitting.	Some Bolts On Sp	oan Cente	ering Guide	
Traffic Devices							
Barrier Gate	10% Now	\$6,600	2037	* *			В
	Other Observation, Exte	nt : Light, Area	Affected	1:1%			
	Location : North Barri	er Gate					
	Explanation: Barrier	Gate Locking Lir	nit Swite	ch Is Not Working	Properly	,	
Barrier Gate	90%		2037	* *			В
Warning Gate	100%		2037	* *			В
Trunnion							
Generic	100%		2062	* *			В
	Other Observation, Exte	nt : Light, Area A	Affected	: 2%			
	Location: West Trunni	ions					
	Explanation: Missing	Grease Fittings	And Loc	se Purge Plugs			

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS

Address : HUNTERS POINT AVE.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0178.000 / 13712 Yr Built/Renovated :

Area Sq Ft : 11,544 Project Type : WATERWAY BRIDGES

Date of Survey : 08-Apr-2009 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240450

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$486,200	\$405,200
Bridge Electrical	\$164,600	\$92,400
Bridge Mechanical	\$436,800	\$240,300
Total	\$1,087,500	\$737,900
Priority A		\$114,300
Priority B	\$1,087,500	\$447,000
Priority C		\$176,700
Total	\$1,087,500	\$737,900

Total	\$124,400	\$300	\$23,300	\$66,600
Priority C	\$10,100	\$300		\$33,100
Priority B	\$114,200		\$11,500	\$33,500
Priority A	\$100		\$11,900	
Total	\$124,400	\$300	\$23,300	\$66,600
Bridge Mechanical	\$75,500			
Bridge Electrical	\$38,700			\$33,500
Bridge Structure	\$10,200	\$300	\$23,300	\$33,100
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13712

Bridge Structure	Current Repair	Future R	Replacement	Maintenance	
System Component Type	% of Fail Date Estin Total (Years)	nated Cost Year E	stimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Abutments	•	•	•		
Bridge Seat&pedestals					
Steel	100%	LIFE	* *		A
	Other Observation, Extent		50%		
	Location: Begin & End A				
	Explanation: Debris On	Bridge Seat.			
Backwall					
Concrete	100%	LIFE	* *		С
Brngs,Ancr Blts,Pads					
Steel	100%	LIFE	* *		A
	Other Observation, Extent		50%		
	Location : Begin & End A				
	Explanation : Debris On	Bearings.			
Footings					·
Not Accessible	100%				D
Joint with Deck					
Generic	100% Now	\$106,100 LIFE	* *		В
	Missing/Damaged Seal, Ex	tent : Moderate, Area Af	fected : 50%		
	Location : Begin & End A	butment			
	Other Observation, Extent	: Severe, Area Affected :	50%		
	Location : Begin & End A	butment			
	Explanation : Joint Seale	r Cracked And Allows W	ater & Debris C	In Bridge Seat.	
Pedestals					
Concrete	100%	LIFE	* *		A
Stem (breastwall)					
Concrete	100%	LIFE	* *		В
Wingwalls					
Footings					
Not Accessible	100%				D
Mat (scour & erosion)	20070				
Riprap	100%	LIFE	* *		C
Piles					
Not Accessible	100%				D
Walls	10070				
Masonry: Stone	100%	LIFE	* *		С
Masomy. Stone	Other Observation, Extent		2%		C
	Location : All 4 Wingwal		., 0		
	Explanation : Efflorescen		mvalle		
Stream Channel	елрининон . Едиогевсен	ce Locuica On The Wing	, mans		
Bank Protection					
Riprap	100% 4+	\$500 LIFE	* *		C
Κιριαρ	Erosion, Extent : Moderate	1			C
	Location: Begin Abut. Le				
Mot (appro 9- approx	Locuiton . Degin Avui. Le	јі жие Етоинктет.			
Mat (scour & erosion)	1000/	I III	* *		A
Stream Bed	100%	LIFE	* *		A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13712

Bridge Structure	Current	Repair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year Est FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Stream Channel Pier Protection Timber	100% 4+ Broken/Missing Ele Location : Pier 1	& Bascule Pier 2		* * ed : 10%			В
	Rotted, Extent : Liga Location : Both Pa		0%				
Approaches Pavement							
Concrete	100% Spalling, Extent : La Location : End Ap		2029 5%	* *	4	\$1,000	С
Curbs	1000/		LIEE	* *			Δ.
Concrete w/ Steel Face Sidewalks	100%		LIFE	~ ~			A
Concrete	100% 4+ Settlement, Extent : Location : Both A		LIFE ected : 10%	* *			С
Piers							
Stem,Solid Pier Masonry	100% Other Observation, Location: Pier 1			**			В
Brngs,Ancr Blts,Pads	Explanation . Flet	r 1 Is In Good Condi	шон.				
Steel		\$100 Extent : Severe, Are Span 2 Side Right Bo ht Bearing At Pier 1	earing		2-8	\$900	A
Steel	95%		LIFE	* *	2-8	\$900	A
Footings Not Accessible	100%						D
Mat (scour & erosion) Not Accessible	100%						D
Pedestals Concrete	100%		LIFE	* *			В
Piles Not Accessible Deck Elements	100%						D
Curbs Concrete w/ Steel Face	100%		LIFE	* *			A
Railings/Parapets Steel	100%		LIFE	* *	2-8	\$9,600	A
Sidewalks Concrete	100%		2025	\$176,700	5	\$6,400	C

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13712

Bridge Structure	Current Repair	Future	Replacement	M	aintenance			
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Deck Elements								
Wearing Surface								
Concrete	90%	2029	* *	5	\$66,200	C		
	Other Observation, Extent: Light, Area	Affected .	: 1%					
	Location: Spans 1, 3 & 4.							
	Explanation: Conc. Wearing Surface							
Concrete	10% 4+ \$9,000	2029	* *	5	\$33,100	C		
	Cracks, Extent: Light, Area Affected:	25%						
	Location : Spans 1 And 4							
Superstructure								
Deck,Structural				_				
Concrete	100%	LIFE	**	5	\$12,700	Α		
	Other Observation, Extent: Light, Area Affected: 1%							
	Location: Spans 1, 3, & 4	0.4						
 	Explanation: Located In Spans 1, 3,	<u> </u>						
Joints	1000/	LIPE	* *			C		
Generic	100%	LIFE				С		
Primary Member Steel	100%	LIFE	* *	2-8	\$213,400	٨		
Steel				2-8	\$215,400	A		
	Other Observation, Extent: Light, Area Affected: 1% Location: Spans 1, 3 & 4.							
	Explanation: Located In Spans 1, 3 &	2, 1						
Secondary Member	Explanation : Located in Spans 1, 5 c	ι τ.						
Steel	100%	LIFE	* *	2-8	\$178,800	В		
Steel	Other Observation, Extent : Light, Area		: 1%	2 0	Ψ170,000	Ъ		
	Location: Spans 1, 3 & 4.	11990000	. 1,0					
	Explanation: Located In Spans 1, 3 &	2 4.						
Movable Bridges		<u> </u>						
Bascule Span								
Steel	100%	LIFE	* *			A		
Bascule Span Pier								
Concrete	100%	LIFE	* *			A		
	Other Observation, Extent : Light, Area	Affected	: 2%					
	Location: Piers 2 & 3							
	Explanation: Fine Vertical Cracks							

Bridge Electrical		Current Repa	ir	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical								
Communications								
Generic	100%	Now	\$700	2019	\$33,500			В
	Other Obs	ervation, Exten	t : Light, Area	Affected	! : 2%			
	Location	: Telephone						
	Explanat	ion : Telephone	In Control Re	om Nee	ds To Be Punched .	Down.		

Control System Electrical

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS

Asset #: 13712

Bridge Electrical	Current Rep	air Future	Replacement	Maintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Control System Electrical	•	•			•
Control Console					
Stainless Steel	100% Now	\$700 LIFE	**		В
		nt : Light, Area Affected	: 2%		
	Location: Indication I	лghts cation Lights Need Repla	/u .l		
Disconnect Switch	Explanation : The Inal	cation Lights Need Kepta	cemeni/reiamping		
Generic	100%	2040	* *		В
Limit Switch	10070	2040			ъ
Generic	100%	2040	* *		В
Electrical Power					
Transfer Switch					
Auto	100% 4+	\$1,800 2040	* *		В
	Other Observation, Exte	nt : Moderate, Area Affec	eted : 25%		
	Location : Circuit Bred	aker Transfer			
	Explanation : Circuit I	Breaker Transfer Switch I	Making Noise Whe	en Turned Off	
Transformer					
Dry	100%	2040	* *		В
Heating	1000/	20.40	* *		
Generic	100%	2040	* *		В
Dist Equip & Motor Contro Generic	100%	2040	* *		В
Raceway	100%	2040			Б
Submarine Control Cables					
Generic Generic	100%	2024			В
Wiring	10070	2021			
Generic	100%	2025			В
Stand-by Power					
Generator					
Natural Gas	100% Now	\$33,700 2033	* *		В
		nt : Moderate, Area Affec	eted : 100%		
	Location:				
	Explanation : Generate	or Is Inoperable			
Traffic System Electrical					
Traffic Signal Generic	100%	2019	\$164,600		В
Lighting	100 /0	2019	φ104,000		ט
Lighting Devices					
Generic	100% Now	\$1,800 2025	\$92,400		В
		nt : Light, Area Affected			_
	Location: Navigation				
	Explanation: Several I	Navigational Lights Need	Relamping.		

Bridge Mechanical		Current Repair	Future Replacement	Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year Estimated Cos FY	Cycle Estimated Cost (Yrs)	Priority Code

Bascule

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13712

idge Mechanical	Current Repair	Future Replacement	Maintenance	
tem Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estimated Cos FY	t Cycle Estimated Cost (Yrs)	Priority Code
cule				
Counter Weight Generic	100%	2055 **	*	В
Emergency Drive Emergency Power	100% Now \$34,10 Other Observation, Extent: Moderat Location: Control House And Mac Explanation: Emergency Operatio	te, Area Affected : 100% chine Room		В
Houses	Month.			
Houses Access Ways	100% Now \$34,00 Other Observation, Extent : Moderat Location : Access Ways	te, Area Affected : 10%	*	В
Control House	Explanation : Some Doors/hatches 100% Now \$99,10 Other Observation, Extent : Moderate	0 2048 *:	*	В
	Location: Control House			
Machine Dage	Explanation: Roof Is Leaking. Hou		*	n
Machinery Room Lock Bars	100%	2055 **		В
With Motor	50% Now \$24,40 Other Observation, Extent: Light, A Location: Toe Locks		*	В
	Explanation : Some Corrosion. Loc	ck Bar Protective Cover Need	ds To Be Repaired.	
With Motor	50% Now \$121,80 Other Observation, Extent: Moderat Location: Tail Locks		*	В
	Explanation: Tail Locks Not Func	tional. Also, South Tail Lock	Missing Drive Motor.	
Main Drive System				
Generic	100% Now \$118,00 Other Observation, Extent: Moderat Location: Machinery Room Explanation: Limit Switches Need For Firm Seating Of Bridge.	te, Area Affected : 10%		В
Rack	3 3			
Generic	100%	2055 *:	*	В
Live Load Supports Generic	50% Now \$7,40 Other Observation, Extent : Moderate	te, Area Affected : 50%	*	В
	Location: Live Load Bearings At T Explanation: Gap Present At Sout Substantial Movement Under Traff.	h And Center Live Load Supp	port Bearings And	
Generic	50% Other Observation, Extent: Light, A Location: Live Load Supports At T Explanation: Not Accessible	2033 * : rea Affected : 100%	*	В
	1			
Track				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS

Asset #: 13712

Bridge Mechanical	Current Repa	nir	Future	Replacement	Maintenance	
System Component Type	% of Fail Date Est Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Bascule						
Traffic Devices						
Barrier Gate	100% Now	\$73,500	2029	* *		В
	Other Observation, Exten	t : Severe, Area	Affected	d: 100%		
	Location : Barrier Gate	S				
	Explanation: The Barri	ier Gates Are Ci	urrently	Not In Service.		
Warning Gate	100%		2023	\$240,300		В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER

Address : BARTOW AVE X-ING HUTCH RIVER

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 60,456 Project Type : WATERWAY BRIDGES

Date of Survey : 17-May-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2075859

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$217,300	\$1,316,200
Bridge Electrical		\$2,447,400
Bridge Mechanical	\$200,200	
Total	\$417,400	\$3,763,600
Priority A	\$71,400	\$539,900
Priority B	\$200,200	\$3,077,800
Priority C	\$145,800	\$145,800
Total	\$417,400	\$3,763,600

Total	\$116,000	\$52,000	\$118,900	\$800
Priority C	\$6,000	\$24,000	\$4,800	\$800
Priority B	\$91,000	\$28,100	\$63,200	
Priority A	\$19,000		\$50,900	
Total	\$116,000	\$52,000	\$118,900	\$800
Bridge Mechanical	\$64,900			
Bridge Electrical	\$22,300	\$28,100		
Bridge Structure	\$28,800	\$24,000	\$118,900	\$800
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER

Asset #: 4269

Bridge Structure		Current Repair			e Replacement	M	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
butments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			A
Backwall								
Concrete	100%			LIFE	* *			C
Brngs, Ancr Blts, Pads	1000/				* *			
Steel	100%			LIFE	* *			A
Footings Not Accessible	1000/							D
Joint with Deck	100%							D
Generic	100%			LIFE	* *			В
Mat (scour & erosion)	100%			LILE				ь
Earth	100%	4+	\$3,800	LIFE	* *			В
Eurii			ht, Area Affected :					Ь
	Location: End Abutment Drainage							
Generic	100%			LIFE	* *			В
Pedestals	10070			LIIL				ь
Concrete	100%			LIFE	* *			A
Vingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			C
Piles								
Not Accessible	100%							D
Walls								
Brick Veneer	10%	4+	\$400	LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 2% Location : Random Areas Of Wingwalls							
				lls				
		ion : Efflor	rescence		* *			
Brick Veneer	90%			LIFE	* *			С
tream Channel Bank Protection								
	100%			LIFE	* *			С
Riprap Mat (scour & erosion)	100%			LIFE				
Not Accessible	100%							D
Pier Protection	10070							ע
Concrete	100%			LIFE	* *			В
Concrete		ervation, E	Extent : Light, Area		: 1%			5
		: Piers 4	_	33				
	Explanat	ion : Gran	ite Blocks					
Timber	100%			LIFE	* *			В
Timodi		ervation, E	Extent : Light, Area		: 1%			_
		: Piers 2 &						
	Explanat	ion : Piers	<i>2 & 3</i> .					

Approaches

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4269

Bridge Structure		Current Repair	Future Replacement		Maintenance			
System	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority	
Component Type	Total	(Years)	FY		(Yrs)		Code	
Approaches								
Pavement								
Asphalt	80%		2026	* *	4	\$9,700	C	
Asphalt	20%	4+ \$5,500	2027	* *	4	\$9,700	C	
1	Cracks, E.	ctent : Moderate, Area Affecte	d: 10%			. ,		
		: South Approach						
Concrete	100%		2037	* *	4	\$54,800	С	
Curbs	10070		2037		•	ψ5 1,000		
Concrete	100%		LIFE	* *			A	
Embankment								
Earth	100%		LIFE	* *			C	
Guide Railing								
Steel	90%		LIFE	* *	2-8	\$5,500	A	
Steel	10%	Now \$2,600	LIFE	* *	2-8	\$5,500	A	
		ssing Element, Extent : Sever		Affected : 25%		1-7		
		: East Side And West Side - I						
Mat (scour & erosion)								
Earth	100%		LIFE	* *			A	
Pavement Base								
Not Accessible	100%						D	
Sidewalks								
Asphalt	100%		2027	* *	4	\$1,600	C	
Concrete	100%		LIFE	* *		. ,	C	
Piers								
Cap Beam								
Steel	100%		LIFE	* *	2-8	\$36,600	A	
Pier, Columns								
Brick Veneer	100%		LIFE	* *			В	
Concrete	100%		LIFE	* *			В	
Granite	100%		LIFE	* *			В	
Steel	100%		LIFE	* *	2-8	\$92,200	В	
Stem,Solid Pier								
Concrete	100%		LIFE	* *			В	
Brngs,Ancr Blts,Pads								
Not Accessible	100%						D	
Footings								
Not Accessible	100%						D	
Mat (scour & erosion)								
Not Accessible	100%						D	
Pedestals								
Concrete	100%		LIFE	* *			В	
Piles								
Not Accessible	100%						D	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%		LIFE	* *			A	
Guide Railing								
Steel	100%		LIFE	* *			A	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4269

Bridge Structure	С	urrent Repair		Futur	e Replacement	M	aintenance	
System Component Type		ail Date Estin Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Median								
Concrete	100%			LIFE	* *	5	\$10,100	A
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$65,700	A
Sidewalks								
Concrete	100%			2032	* *	5	\$11,400	C
Wearing Surface								
Concrete	100%			2037	* *	5	\$291,700	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$53,200	A
Grating w/ Concrete	100%			LIFE	* *			A
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Steel	100%			LIFE	* *	2-8	\$868,800	A
Secondary Member							·	
Steel	100%			LIFE	* *	2-8	\$936,200	В
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	* *			A
Steel	10%	4+	\$71,400	LIFE	* *			A
	Other Observ	vation, Extent	: Light, Area	Affected	: 30%			
	Location : I	Random Areas	Of St. Steel	and Grai	ing And Bascule C	Columns		
	Explanation	n : Corrosion						
Bascule Span Pier								
Concrete	98%			LIFE	* *			A
Concrete	2%	4+	\$16,400	LIFE	* *			A
	Other Observ	vation, Extent	: Light, Area	Affected	: 2%			
	Location : 1							
	Explanation	n : Cracking C	of Concrete A	t Inboar	d Trunnion Bearin	g Pedesto	al	

Bridge Electrical	Curre	ent Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail D Total (Yea	Pate Estimated Cost rs)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical							
Intercom							
Generic	100%		2020	\$14,000			В
Telephone							
Desk Top	100%		2020				В
Control System Electrical							
Control Console							
Generic	100%		2035	* *			В
Control Devices							
Relay	100%		2027	* *			В

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4269

Bridge Electrical	Current Rep	air	Future	e Replacement	М	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Control System Electrical	•						
Disconnect Switch							
Generic	100%		2035	* *			В
Limit Switch							
Generic	100%		2020	\$92,600			В
	Other Observation, Exte						
	Location : Northwest F						
	Explanation : Fully Op	en Limit Switch	Corrode	ed			
Electrical Power							
Transfer Switch							
Auto	100% 2-4	\$10,600	2027	* *			В
	Other Observation, Exte		rea Affe	cted : 100%			
	Location : Transfer Sw						
	Explanation: Only On			le. Transfer Switch	Cannot	Be Used Because	
	Only One Source Of Po	ower Is Available	2.				
Transformer	1000/		2027	* *			ъ
Dry	100%		2027	* *			В
Heating	1000/		2027	* *			ъ
Generic	100%		2027	* *			В
Dist Equip & Motor Contro			2025	ماد ماد			
Generic	100%		2027	* *			В
Navigation Lighting							
Pier Lighting	1000/		2020				-
Incandescent	100%		2020				В
Span Lighting							_
Incandescent	100%		2017				В
Raceway							
Conduit							_
Metal	100% 4+	\$11,200	2037	* *			В
	Other Observation, Exte		rea Affe	cted : 25%			
	Location : Below Mach						
	Explanation: Conduits	s Corroding					
Submarine Control Cables							_
Generic	100%		2020	\$793,100			В
Submarine Power Cable							_
Power	100%		2020				В
Wiring							
Generic	100%		2023	\$1,461,600			В
Traffic System Electrical							
Barrier Gate Lighting							
Incandescent	10% Now	\$300	2017	\$1,400			В
	Other Observation, Exte						
	Location : Southeast, S						
	Explanation : Southeas Northwest Light Cover		issing, S	outhwest Light Ou	t, North	east Light Out,	
Incondescent		1111331115	2017	¢12.600			D
Incandescent	90%		2017	\$12,600			В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4269

Bridge Electrical	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Traffic System Electrical				
Traffic Gate Lighting				
Incandescent	10% Now \$3	00 2017 \$1,400		В
	Other Observation, Extent: Light, 1	Area Affected : 100%		
	Location: Southwest, Southeast A	And Northeast Warning Gates		
	Explanation: Southwest Light Out	t, Southeast Two Lights Out, No	ortheast Light Out	
Incandescent	90%	2017 \$12,600		В
Traffic Gong				
Generic	100%	2017		В
Traffic Signal				
Generic	100%	2017		В
Lighting				
Lighting Devices				
Generic	100%	2020 \$100,300		В
Bridge Mechanical	Current Repair	Future Replacement	Maintenance	
Constant				

Bridge 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
ascule				
Counter Weight	100-1	-00 de de		_
Generic	100%	2050 **		В
	Other Observation, Extent: Light, Area	a Affected : 50%		
	Location: North & South Cwts			
	Explanation: Only The North Cwts V	Vere Observed. The South V	Vere Not Accessible.	
Emergency Drive	1000/	2050 **		ъ
Emergency Power	100%	2030		В
	Other Observation, Extent: Light, Area	a Affected : 5%		
	Location : All Machine Rooms	D . 137 . W 11 D	D 1 4 1 75	
	Explanation : Emergency Drive Was Needs To Be Tested	Reported Not 10 Have Beer	n Run In A Long Time,	
Houses				
Access Ways	100% Now \$4,600	2031 **		В
	Other Observation, Extent : Light, Area	a Affected : 2%		
	Location: Access Ways			
	Explanation: Some Doors Do Not Cl	ose Properly.		
Auxiliary	100% Now \$5,400	2031 **		В
	Other Observation, Extent: Light, Area	a Affected : 2%		
	Location: South Auxiliary House			
	Explanation: Leaky Door			
Control House	100% Now \$9,900	2050 * *		В
	Other Observation, Extent: Light, Area	a Affected : 5%		
	Location: Control House			
	Explanation: Leaky Door. Exhaust F	an Non-functioning.		
Machinery Room	100% Now \$3,300	2050 **		В
. J	Other Observation, Extent : Light, Area			
	Location : Machine Rooms	==		
	Explanation: Water Observed In Son	ne Rooms. Some Doors Do	Not Close Properly.	

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4269

ridge Mechanical	Current Repair	Future Replacement	Maintenance					
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle Estimated Cost (Yrs)	Priority Code				
scule	•							
Lock Bars								
With Motor	100% 4+ \$105,000	2031 *	*	В				
	Other Observation, Extent: Moderate,	Area Affected : 20%						
	Location : All Lock Bars		D 1E 1 1/0					
	Explanation: Only Observed From St To 1/4 inches. Clearances Need To Bo		ans Ranged From Approx 1/8					
Main Drive System	10 1/ 1 menes. Creatances freed to be	reancea.						
Generic	50% 4+ \$47,600	2050 *	*	В				
	Other Observation, Extent : Light, Area	a Affected : 5%						
	Location: North Machine Rooms							
	Explanation : Operation Not Observe	d. Some Corrosion & Lub	ricant Leakage. Possible					
	Lubricant Contamination.							
Generic	50% Now \$47,600	2050 *	*	В				
	Other Observation, Extent : Light, Area	ı Affected : 5%						
	Location: South Machine Rooms							
	Explanation : Small Squeak From Co. Switch.	uplings During Operation	i. One Failed Brake Limit					
Rack	Sweet.							
Generic	100% 4+ \$20,000	2050 *	*	В				
	Other Observation, Extent: Moderate,	Area Affected : 25%						
	Location: Racks							
	Explanation: Corrosion							
Live Load Supports	4000			_				
Not Accessible	100%			D				
Traffic Devices	250/ 0.2 0.7 0.00	2021 *	sk	D				
Barrier Gate	25% 0-2 \$7,800 Other Observation, Extent : Light, Area	2031		В				
	Location : Barrier Gates	i Affecteu . 570						
	Explanation: Southeast Reported To	Re Missino Handles						
Barrier Gate	75%	2031 *	*	В				
Warning Gate	100% 0-2 \$13,900	2031 *	*	В				
warning Gate	Other Observation, Extent : Light, Area			ъ				
	Location: Warning Gates							
	Explanation : Require Adjustment Of	Shock Absorbers. Southed	ast Reported To Be Missing					
	Handles.		1					
Trunnion								
Generic	100%	2050 *	*	В				
	Other Observation, Extent : Light, Area	ı Affected : 5%						
	Location: Trunnion Bearings							
	Explanation : Some Exterior Surface	Corrosion.						

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER

Address : E.155 ST. & HARLEM RIVER

Borough : MANHATTAN:BX. Agency's Number : N/A

Area Sq Ft : 275,000 Project Type : WATERWAY BRIDGES

Date of Survey : 16-May-2011 Landmark Status : EXTERIOR LANDMARK

Areas Surveyed :

Block : Lot : BIN : 1240090

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$3,543,700	\$6,381,500
Total	\$3,543,700	\$6,381,500
Priority A	\$1,697,600	\$3,142,900
Priority B	\$1,792,500	\$3,185,100
Priority C	\$53,600	\$53,600
Total	\$3,543,700	\$6,381,500

\$16,200			
\$117,200	\$34,500	\$380,800	\$34,500
		\$303,800	
\$133,400	\$34,500	\$684,600	\$34,500
\$100,300	\$26,900	\$53,900	\$26,900
\$16,900	\$7,500	\$7,500	\$7,500
\$16,200		\$623,200	
FY 2016	FY 2017	FY 2018	FY 2019
	\$16,200 \$16,900 \$100,300 \$133,400 \$117,200	\$16,200 \$16,900 \$100,300 \$133,400 \$133,400 \$34,500 \$117,200 \$34,500	\$16,200 \$623,200 \$16,900 \$7,500 \$7,500 \$100,300 \$26,900 \$53,900 \$133,400 \$34,500 \$684,600 \$117,200 \$34,500 \$380,800



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4180

	Current F	Repair	Futur	e Replacement	M	aintenance	
% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
100%			LIFE	* *			A
100%			LIFE	* *			C
100%							D
							D
_	_						В
100%			LIFE	* *			В
100%			LIFE	* *			A
100%			LIFE	* *			В
100%							D
1000/							D
			I IFF	* *			<u>Б</u> С
			<u> </u>				D
10070							
100%	4.	¢16 200	LIFE	* *			C
		. ,					С
	_	_			inches.		
100% 100%			LIFE LIFE	* *			C C
100%							D
Location	: Pier 36	_		**			В
Dapiana	.on . conc	I IIIIOCI D	wiipers.				
100%			2037	* *	4		С
	100% 100% 100% 100% 100% 100% 100% 100%	100% 100%	Total (Years) 100%	Nof Total Fail Date Estimated Cost Fy	No of Total Total	Now	Now

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4180

Bridge Structure	Current R	epair Fı	uture	Replacement	M	aintenance	
system Component Type	% of Fail Date Total (Years)	Estimated Cost Ye		Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
pproaches							
Curbs							
Steel	100%	LII	FE	* *			A
Guide Railing	1000/	* **		ale ale	• 0	010.100	
Steel	100%	LII	FE	* *	2-8	\$18,100	A
Pavement Base	1000/						ъ
Not Accessible	100%						D
Sidewalks	1000/	1 11		* *			C
Concrete	100%	LII	rE				С
iers Con Poom							
Cap Beam Steel	100% 4+	\$556,100 LII	FE	* *	2-8	\$1,633,900	A
Steel		oderate, Area Affected			2-0	φ1,033,700	Α
		7, & 25. 25 Is Most Sev					
Pier,Columns							
Steel	100% 4+	\$1,033,100 LII	FE	* *	2-8	\$2,821,200	В
	Cracks, Extent : Mode	erate, Area Affected : 2				, ,- ,	
	Location: Pier 31 R	ight Side Column Knee	Brac	e.			
	Corrosion, Extent: M	oderate, Area Affected	: 2%				
	Location: Pier 17						
Stem,Solid Pier							
Concrete	100% 4+	\$444,200 LII	FE	* *			В
	Spalling, Extent: Mod	lerate, Area Affected : 1	20%				
	Location: Pier 51						
Masonry	100%	LII	FE	* *			В
Brngs,Ancr Blts,Pads							
Steel	25% Now	\$359,100 LII		* *	2-8	\$49,000	A
	_	: Severe, Area Affected					
	Location: Piers 2, 6	5, 10, 18, 22, 25, 27, 29,	. & 31	Exp. Bridges Fi	rozen.		
Steel	70%	LII	FE	* *	2-8	\$49,000	A
Steel	5% Now	\$35,900 LII		* *	2-8	\$49,000	Α
	Other Observation, Ex	xtent : Severe, Area Aff	ected	: 50%			
	Location : Pier 14						
	Explanation : Loose	Exp. Brg. Plates At 5 H	Brgs.				
Footings	1000/						ъ.
Not Accessible	100%						D
Mat (scour & erosion)	1000/	7 77	DID.	* *			A
Generic	100%	LII	rE	~ *			A
Pedestals	100% 2-4	\$54,900 LII	CIC	* *			D
Steel		\$54,900 LII evere, Area Affected : 2.					В
	Location : Pier 4, 10		370				
eck Elements	Locuion . 1 iei 4, 10	, 12, 11, 23 X 27.					
Curbs							
	400	T TI		* *			A
	100%	1 11	HH.	-11-			
Steel	100%	LII	FE				А
	100%	20-		**			A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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DEPARTMENT OF TRANSPORTATION - 841 MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER

Asset #: 4180

Bridge Structure		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Mono Deck Surface								
Concrete	100%			2052	* *	5		С
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$136,600	A
Sidewalks								
Concrete	100%			2032	* *	5	\$107,100	C
Wearing Surface								
Concrete	100%			2037	* *	5		C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$122,600	A
Joints								
Steel	100%			LIFE	* *			C
Generic	100%			LIFE	* *			C
Primary Member								
Steel	95%			LIFE	* *	2-8	\$2,059,400	A
Steel	5%	4+	\$746,500	LIFE	* *	2-8	\$2,059,400	A
	Corrosion,	Extent: M	oderate, Area Affe	cted : 5%	%			
	Location	: Span 40 I	Bottom Chord Eye	bars.				
Secondary Member			<u> </u>					
Steel	90%			LIFE	* *	2-8	\$1,725,200	В
Steel	10%	4+	\$82,400	LIFE	* *	2-8	\$1,725,200	В
2000			vere, Area Affecte				, -, · - · , - · ·	_
			26, 30, 37, & 40		ame Diaphragms.			
Movable Bridges		1 /			1 3			
Swing Span Truss								
Steel	100%			LIFE	* *			A
Swing Span Pivot Pier	10070			211 2				
Concrete	100%			LIFE	* *			A
Concrete	10070			LILE				А

Bridge Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical								
Intercom								
Generic	100%			2022	\$15,300			В
Telephone								
Wall Mounted	100%			2022				В
Jack								
Telephone	100%			2022				В
Control System Electrical								
Computer								
PLC	100%	Now	\$7,900	2021	\$26,300			В
	Other Obs	ervation, E	Extent : Severe, Are	a Affecte	ed : 100%			
	Location	: Plc Cabi	net					
	_		rogram Is Not Pres	sent In E	Either Processor, B	ridge Is l	Not Operable On	
	Main Sys	tem						

 $Note: \quad \textit{All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation}.$

Estimates are rounded to the nearest hundred dollars.

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4180

Bridge Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Control System Electrical							
Control Console	1000/			de de			
Stainless Steel	100%		LIFE	* *			В
Control Devices	1000/		20.42	* *			D
Relay Disconnect Switch	100%		2042				В
Non Fused	100%		2042	* *	1	\$35,900	В
Limit Switch	100%		2042		1	\$33,900	
Rotary	100%		2022				В
Local Starter	10070		2022				
Magnetic	100%		2042	* *			В
Drive	10070						
Grating Motor							
Generic	100%		2052	* *			В
Machinery Brake							
Thruster	100%		2052	* *	1	\$600	В
Motor Brake							
Thruster	100%		2052	* *	1	\$1,100	В
Electrical Power							
MCC							
Generic	10%	Now \$1,500	2042	* *			В
		ervation, Extent : Severe, Are	a Affecte	ed : 100%			
		: Machine Room Mcc	D 11	1.6			
~ .		tion : Southeast Endlift Starte		* *			
Generic	90%		2042	* *			В
PanelBoard	1000/		20.42	* *	4	Φ. 700	ъ
Circuit Breaker	100%		2042	4. 4.	1	\$6,700	В
Transfer Switch	100%		2042	* *			В
Auto Exterior Lighting	100%		2042				
Lighting Contactor							
Generic	100%		2042	* *	1	\$5,600	В
Lighting Fixture	10070		2042			ψ3,000	
Generic	100%		2022				В
Spot Lighting	10070						
Generic	100%		2022				В
Ground/Lightning Protection							
Ground Bus							
Copper	100%		2027	* *			В
Ground Rod							
Copper	100%		2022				В
Ground Wire							
Green	100%		2027	* *			В
Interior Lighting							
Exit Lighting							_
Battery Operated	100%		2027	* *			В
Lighting Fixture	4.00-		200=	-1- 1		A# -05	ъ
Fluorescent	100%		2027	* *	1	\$5,600	В

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4180

Bridge Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Navigation Lighting							
Fender Lighting	400						_
Incandescent	100%		2022		1	\$3,400	В
Pier Lighting Incandescent	100%		2022		1	\$4,500	В
Span Lighting	10070		2022		1	Ψ4,500	ъ
Incandescent	100%		2022		1	\$2,300	В
Raceway						•	
Box							
Pull Junction	100%		2032	* *	1	\$3,900	В
Terminal	100%		2032	* *	1	\$4,500	В
Collector Ring Metal	100%		2032	* *			В
Conduit	100%		2032				Б
Metal	100%		2062	* *			В
Submarine Control Cables							
Control	100%		2027	* *			В
Submarine Power Cable							
Power	100%		2027	* *			В
Trough Metal	100%		2062	* *	1	\$1,100	В
Wires						, ,	
Thermoplastic	100%		2042	* *			В
Span Lock							
Motor	1000/		2027	* *			D
Squirrel Cage	100%	servation, Extent : Light, Area	2037				В
		ervanon, Extent . Ligni, Area ı : Span Lock	Ајјестец	. 100/0			
		tion : Span Lock Description (Used For	r Endlifts Motors			
Stand-by Power				J			
Transfer Switch							
Auto	100%		2042	* *			В
Traffic System Electrical							
Barrier Gate Lighting Not Accessible	100%						D
Traffic Gate Lighting	100%						D
Not Accessible	100%						D
Traffic Gong							_
Not Accessible	100%						D
Traffic Sign	1000/		2022				D
Fixed Traffic Signal	100%		2022				В
Not Accessible	100%						D
Not Accession	10070						<i>υ</i>

Bridge Mechanical	(Current Repair	Future Replacement	Maintenance	
System Component Type	% of F Total	Fail Date Estimated Cost (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4180

idge Mechanical	Current Repair	Future Replacement	N	laintenance	
stem Component Type	% of Fail Date Estimated C Total (Years)	Cost Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
ing					
Center Latch					
Generic	100%	2057 * *	2	\$22,500	В
	Other Observation, Extent: Light, I	Area Affected : 1%			
	Location: East & West				
	Explanation : Could Not Be Teste	d Due To Electrical Problem.			
Center Pivot/Rim Assembly	1000/	2057 **	2	¢ <i>c</i> 7.400	D
Generic	100%	2037	2	\$67,400	В
	Other Observation, Extent: Light, A Location: Center Pivot Pier	Area Affectea : 2%			
		on Compasion Could Not Do To	stad Dua	To Floatwing!	
	Explanation: (Rim Bearing) Min Problem.	or Corrosion. Coula Noi Be Te	меа Дие	10 Electricai	
Emergency Drive	1 rooteni.				
Emergency Power	100%	2057 **	2	\$44,900	В
<i>3 3 3</i>	Other Observation, Extent : Light, A			, ,,	
	Location: Swing Span Machinery	==			
	Explanation : Operation Was Not	Observed. Emergency Drive R	eported T	To Have Last Been	
	Tested In 2010.				
End Lift					
Generic	100% Now \$21,0		2	\$35,900	В
	Other Observation, Extent: Light, A				
	Location: East & West Rest Piers				
	Explanation : Corrosion, Southea Due To Electrical Problem. Insta		onal. Coi	ıld Not Be Tested	
Fuel Tanks	Due 10 Electrical Froblem, Instal	u covers.			
Generic	100%	2039 **			В
Houses	10070	2037			
Access Ways	100% Now \$9,2	00 2057 **			В
1100000 11 415	Other Observation, Extent: Light,				-
	Location : Swing Span Access Ha				
	Explanation : Hatch Locks Need 1				
Control House	100% Now \$5,0				В
	Other Observation, Extent: Light, A				
	Location : Control House	30			
	Explanation: Broken Door Lock				
Machinery Room	100%	2057 **			В
Main Drive System					
Generic	100% 0-2 \$28,1	00 2057 **	2	\$179,600	В
	Other Observation, Extent : Light, A			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Location: Operating Machinery				
	Explanation : Corrosion, Grease	On Inside Surface Of Brakewhe	el, Breat	hers Will Need To	
	Be Changed Soon. Could Not Be				
Live Load Supports					
Generic	100%	2035 **			В
	Other Observation, Extent: Light, A	Area Affected : 2%			
	Location: East & West Rest Pier				
	Explanation: Minor Corrosion &	Debris. Three Open Bolt Hole.	s At Back	Of Each Base.	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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DEPARTMENT OF TRANSPORTATION - 841 MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER

Asset #: 4180

Bridge Mechanical	Current Re	pair	Future Re	eplacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Swing							
Traffic Devices							
Barrier Gate	100% Now	\$21,300	2035	* *			В
	Other Observation, Ex	tent : Light, Area	Affected: 5%	6			
	Location : East & We	est Approaches					
	Explanation : Missing Due To Elec Problem			Gate Not Work	ing. Coul	d Not Be Tested	
Warning Gate	50% Now	\$13,200	2035	* *			В
-	Other Observation, Ex	tent : Light, Area	Affected: 5%	6			
	Location : Pedestrian	Gates					
	Explanation : Sw Pea Arms Not Installed. C		0.	ıck In Closed	Position.	Pedestrian Gate	
Warning Gate	50% 0-2	\$2,600	2035	* *			В
	Other Observation, Ex	tent : Light, Area	Affected: 5%	6			
	Location: Warning C	Gates					
	Explanation: Could	Not Be Tested Di	ie To Electric	al Problem. C	Check Guy	w Wires Tension.	

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Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : MADISON AVE. BRIDGE

Address : HARLEM RIVER, HARLEM RIV DR.

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 22,600 Project Type : WATERWAY BRIDGES

Date of Survey : 11-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 224007A

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$614,000	\$895,700
Total	\$614,000	\$895,700
Priority A	\$557,300	\$340,500
Priority B		\$214,800
Priority C	\$56,700	\$340,500
Total	\$614,000	\$895,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$44,500		\$54,200	
Total	\$44,500		\$54,200	
Priority A			\$29,800	
Priority B	\$4,900		\$21,500	
Priority C	\$39,600		\$2,800	
Total	\$44,500		\$54,200	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 MADISON AVE. BRIDGE

Asset #: 4210

Bridge Structure		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							D
Backwall								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			В
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
Walls								
Concrete	100%	4+	\$504,900	LIFE	* *			A
		_	, Area Affected : 5	5%				
		: Random						
		_	t, Area Affected :					
		-	=		west Wall At Pier			
			ctent : Light, Area	Affectea	l : 100%			
		: Both Fasc						
	Explanat	tion : Cellul	ar Abutment Wall					
Wingwalls								
Footings								_
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			С
Piles								
Not Accessible	100%							D
Walls								
Concrete	90%			LIFE	* *			C
Concrete	10%	4+	\$56,700	LIFE	* *			C
			, Area Affected : £	5%				
		: Random						
			it, Area Affected :					
		: Spalls Wi st Wingwall	th Exposed Rebar	· At South	neast Wingwall At	Pier Join	t And Along	
Approaches								
Pavement	1000/			2022	* *	4		C
Concrete	100%		404 . I :- 1.4 A	2032		4		С
			ctent : Light, Area					
		_	f Concrete Approd				1 (1 1	
	Explanat	tion : Aspha	tt Expansion Join	t Betwee	n Rigid Pavement 1	And Appi	roach Slab	

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 MADISON AVE. BRIDGE

Asset #: 4210

Bridge Structure		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Guide Railing	1000/			* ****	de de	• •		
Steel	100% Other Obs	ervation E	xtent : Light, Area	LIFE Affected	**	2-8		A
			Concrete Barrier	rijjeerea	. 10070			
		ion : Steel						
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%			LIFE	* *			С
Piers								
Cap Beam	400				de de	• •	4400 500	
Steel	100%			LIFE	* *	2-8	\$180,200	A
Pier, Columns	0.50/			LIEE	* *	~	ф1 400	ъ
Concrete Encased Steel	95%	E	Section 1: It Amon	LIFE		5	\$1,400	В
	Location		xtent : Light, Area	Ајјестеа	: 10%			
			Leaking And Wate	r Stains				
Community Empared Steel	5%	4+	Leaking Ana waie		* *	-	¢1 400	D
Concrete Encased Steel			ht Amag Affactad	LIFE	* *	5	\$1,400	В
	-	_	ht, Area Affected :		es And Delaminatio	on / Snall	l Of Congrete	
	Cover	. Corrosio	n 10 Sieei 1 Toieci	ive Angie	s Ana Detaminano	т / ъран	Of Concrete	
Stem,Solid Pier	00707							
Concrete	95%			LIFE	* *			В
Concrete	5%	4+	\$4,800	LIFE	* *			В
	Leakage, 1	Extent : Lig	ht, Area Affected :	10%				
	Location	: Both End	ls At Pier 5					
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2043	* *			A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								
Concrete	100%			LIFE	* *			В
Deck Elements								
Gratings	400							
Steel	100%			LIFE	* *			Α
Guide Railing	1000			2025	مار دا د			
Concrete	100%			2036	* *			A
Median	10001			TIPE	4. 4.	~	#2.500	
Concrete	100%			LIFE	* *	5	\$3,500	A
Mono Deck Surface	1000/	4 :	¢10 000	2042	* *	F	¢ <i>57 7</i> 00	C
Concrete	100%	4+	\$10,800	2043	* *	5	\$57,700	C
		_	t, Area Affected : 2 l Abutment	./0				
	Location	. ivear Enc	и лоштені					

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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DEPARTMENT OF TRANSPORTATION - 841 MADISON AVE. BRIDGE

Asset #: 4210

Bridge Structure		Current R	lepair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$13,200	A
			xtent : Light, Area	Affected	! : 100%			
		: Through						
	Explanati	ion : Railir	igs Are On Both Si	des Of B	ridge			
Sidewalks								
Concrete	100%			2028	* *	5	\$5,600	C
Wearing Surface								
Asphalt	100%	4+	\$28,300	2024	\$282,800	5	\$14,600	C
			erate, Area Affecte	d: 25%				
		: Random						
			xtent : Light, Area	Affected	! : 50%			
		: Southbou						
	Explanati	ion : Aspha	alt Wearing Surfac	e On On	e Side Of The Lane	Only		
Superstructure								
Deck,Structural						_		
Concrete	90%			LIFE	* *	5	\$23,900	Α
Concrete	10%	4+	\$52,400	LIFE	* *	5	\$23,900	Α
			evere, Area Affecte					
	Location	: S.I.P. Fo	rms Under East Ai	id West I	Fascia Girders			
Joints								
Generic	95%			LIFE	* *			C
Generic	5%	4+	\$500	LIFE	* *			C
			xtent : Moderate, A	Area Affe	ected : 20%			
		: Random						
	Explanati	ion : Joint	Filler Is Depressed	<u>l</u>				
Primary Member								
Steel	100%			LIFE	* *	2-8	\$401,200	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$336,100	В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

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DEPARTMENT OF TRANSPORTATION - FY 2015 Print Date: 24-Oct-2014

: MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER **Asset Name**

Address : HARLEM RIVER, HARLEM RIV DR.

Borough : MANHATTAN:BX. Agency's Number : N/A

Program / Asset # : DOT0042.090 / 4209 Yr Built/Renovated : 1907 / 2004

Area Sq Ft : 69,800 **Project Type** : WATERWAY BRIDGES

Date of Survey : 29-May-2014 **Landmark Status** : NONE

Areas Surveyed

Block BIN : 2240079 Lot

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$896,500	\$896,500
Bridge Electrical		\$226,200
Bridge Mechanical	\$541,800	
Total	\$1,438,300	\$1,122,600
Priority A	\$350,300	\$350,300
Priority B	\$861,400	\$545,700
Priority C	\$226,600	\$226,600
Total	\$1,438,300	\$1,122,600

Total	\$424,800	\$6,600	\$171,800	\$3,900
Priority C	\$3,600	\$2,700	\$28,100	
Priority B	\$213,500	\$3,900	\$107,800	\$3,900
Priority A	\$207,600		\$35,900	
Total	\$424,800	\$6,600	\$171,800	\$3,900
Bridge Mechanical	\$50,800		\$71,800	
Bridge Electrical	\$24,400	\$3,900	\$3,900	\$3,900
Bridge Structure	\$349,600	\$2,700	\$96,000	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4209

Bridge Structure	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals							
Concrete	100%		LIFE	* *			A
Backwall							
Concrete	100%		LIFE	* *			С
Brngs,Ancr Blts,Pads							
Elastomeric	100%		2051	* *			A
Footings	1000/						
Not Accessible	100%						D
Joint with Deck	0.004			ماء ماء			
Generic	90%	44.000	LIFE	* *			В
Generic	10% 0-2	\$1,000	LIFE	* *			В
	Leakage, Extent : Li		20%				
	Location : Begin A		4 4/	r , 1 150/			
	Missing/Damaged S Location : Begin A		, Area Af	tected: 15%			
Pedestals							
Concrete	100%		LIFE	* *			A
Stem (breastwall)							
Concrete	100%		LIFE	* *			В
Walls							
Concrete	100%		LIFE	* *			A
Wingwalls							
Footings	1000/						
Not Accessible	100%						D
Piles	1000/						ъ
Not Accessible	100%						D
Walls	1000/		LIPE	* *			C
Concrete	100%	Entant Light Ange	LIFE				С
	Other Observation, Location: Wingwo		Ајјестеа	: 100%			
	_	aus Inning Wingwall On	ılı Fud	Annroach Has No	Wingwal	7	
Stream Channel	Explanation . Begi	nning wingwaii On	uy. Ena l	Approach Has No	wingwai	ı	
Bank Protection							
Concrete	100%		LIFE	* *			C
Riprap	100%		LIFE	* *			C
Timber	100%		2030	* *			C
Mat (scour & erosion)	10070		2030				
Not Accessible	100%						D
Pier Protection	10070						
Timber	100%		LIFE	* *			В
Approaches	/ -						
Pavement							
Asphalt	100%		2029	* *	4	\$8,100	C
Concrete	100%		2038	* *	4	, -,	C
Curbs							
Concrete	100%		LIFE	* *			A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4209

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches									
Guide Railing	1000/		44.400		de de	• •	011 500		
Steel	_	Railing, Ex	\$1,100 tent : Moderate, A roach Left (north)		* * ted : 5%	2-8	\$11,700	A	
Sidewalks									
Concrete	100%			LIFE	* *			C	
Piers									
Cap Beam									
Steel	100%			LIFE	* *	2-8	\$422,100	A	
Pier,Columns									
Steel	100%			LIFE	* *	2-8	\$494,300	В	
Stem,Solid Pier									
Concrete	100%			LIFE	* *			В	
Masonry	99%			LIFE	* *			В	
Masonry	1%	2-4	\$100	LIFE	* *			В	
•	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	cted : 1%				
	Location	: Pier 12							
	Explanat	ion : Masc	nry Stone Displace	ed.					
Brngs,Ancr Blts,Pads									
Elastomeric	100%			2051	* *			A	
Steel	100%			LIFE	* *	2-8	\$10,300	A	
Footings Not Accessible	100%							D	
Mat (scour & erosion)									
Not Accessible	100%							D	
Pedestals									
Concrete	-	0-2 Extent : Mo : Piers 12	\$10,400 derate, Area Affect & 14.	LIFE ted : 2%	* *			В	
Deck Elements									
Gratings									
Steel	100%			LIFE	* *			A	
	Location	: Spans 13		Affected	: 1%				
-	Explanat	ion : Span	s 13 & 14						
Guide Railing									
Concrete	100%			2045	* *			Α	
	Other Observation, Extent: Light, Area Affected: 1%								
		•	- 12 & 15 - 21.		_				
	Explanat	ion : Conc	rete Guide Railing		des.				
Steel	100%			LIFE	* *			A	
	Location	: Spans 13		Affected	: 1%				
	Explanat	ion : Swin	g Span.						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4209

Bridge Structure	Current Repair	Future Replacement		Maintenance		
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated FY	Cost Cyc	cle Estimated Cost	Priority Code	
Deck Elements						
Median	1000/	LIEE	** 5	¢11 100		
Concrete	100% Other Observation, Extent: Light, Ard Location: Spans 8 - 12 & 15 - 21. Explanation: Concrete Median.	LIFE ea Affected : 1%	** 5	\$11,100	A	
Steel	100% Other Observation, Extent: Light, Ard Location: Spans 13 & 14 Explanation: Swing Spans	LIFE ea Affected : 1%	** 4-8	8 \$43,900	A	
Railings/Parapets	1 0 1					
Steel	78% Other Observation, Extent: Light, Ard Location: Spans 8 - 21	••	** 2-6	8 \$65,600	A	
G. I	Explanation : Pipe Railing And Cha			Φ.Ε		
Steel	22% Other Observation, Extent: Severe, A Location: Spans 1 - 7.		2-0	8 \$65,600	A	
C: 411	Explanation: Pipe Railing & Chain	-link Fence On One Sia	e Oniy.			
Sidewalks Concrete	78%	2033	** 5	\$28,100	С	
	Other Observation, Extent : Light, Ard Location : Spans 8 - 21 Explanation : Concrete Sidewalk On	ea Affected : 1% n Both Sides.				
Concrete	22% Other Observation, Extent: Light, Ard Location: Spans 1 - 7. Explanation: Concrete Sidewalk Or		** 5	\$28,100	С	
Grating w/ Congreta	100%	2051	* *		С	
Grating w/ Concrete	Other Observation, Extent: Light, Ard Location: Spans 13 &14. Explanation: Swing Span				C	
Wearing Surface						
Asphalt	100% Other Observation, Extent: Light, Ard Location: Spans 1 - 12 (both Sides) Explanation: Asphalt Wearing Surfi	& 15 - 21(left Side).	** 5	\$84,700	С	
Concrete	100% Other Observation, Extent: Light, Arc Location: Spans 15 - 21 (Right Side Explanation: Concrete Wearing Sur	e Only).	** 5	\$368,400	С	
Superstructure Deck,Structural						
Concrete	100%	LIFE	** 5	\$47,800	A	
Grating w/ Concrete	100% Other Observation, Extent: Light, Ard Location: Spans 13 & 14. Explanation: Swing Span.	LIFE ea Affected : 1%	* *		A	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4209

Bridge Structure	Current R	epair	Futur	Future Replacement		Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure							
Joints							
Steel	100%		LIFE	* *			C
	Other Observation, E. Location : Piers 12 of Explanation : Steel .	& 14.	Affected	: 1%			
Generic	80%		LIFE	* *			С
Generic	20% 0-2	\$3,600	LIFE	* *			C
	Leakage, Extent : Mod Location : Piers 3, 9	lerate, Area Affec	ted : 20%	ó			
Primary Member							
Steel	100%		LIFE	* *	2-8	\$687,600	A
Secondary Member							
Steel	100%		LIFE	* *	2-8	\$589,900	В
Movable Bridges							
Swing Span Truss							
Steel	100%		LIFE	* *			A
Swing Span Pivot Pier							
Concrete	100%		LIFE	* *			A

ridge Electrical	Curi	ent Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Fail Total (Ye	Date Estimated Cost ars)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ommunication Electrical							
Intercom							
Generic	100% No	w \$10,500	2023	\$17,500			В
	Other Observati	on, Extent : Severe, Ar	ea Affecte	d: 100%			
	Location : Ent	ire Bridge					
	Explanation:	Intercom System Is No	t Function	ing			
ontrol System Electrical							
Computer							
PLC	50%		2024	\$12,000			В
PLC	50%		2024	\$12,000			В
Control Console							
Stainless Steel	50%		LIFE	* *			В
Stainless Steel	50%		LIFE	* *			В
Control Devices							
Relay	100%		2042	* *			В
Disconnect Switch							
Generic	100%		2042	* *			В
Limit Switch							
Generic	100% 0-	2 \$1,400	2038	* *			В
	Other Observation, Extent: Moderate, Area Affected: 25%						
	Location: Eas	t Center End Lift					
	Explanation:	Rotary Limit Switch M	issing Cov	ver Allow Severe C	orrosion		
Local Starter							
Magnetic	100%		2042	* *			В

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4209

Bridge Electrical	Current Rep	air Fu	ture Replacer	nent	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	stimated Cost Ye	ar Estimated Y	l Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Drive							
Machinery Brake							_
Thruster	100%	204	45	* *	1	\$600	В
Motor Brake	1000	• 0					_
Thruster	100%	204	15	* *	1	\$1,100	В
Span Lock Motor	1000/	20.	- 1	* *			ъ.
Generic	100%	203	51	* *			В
Wedge Motor	1000/	204	- 1	* *	1	¢1 100	D
Generic	100%	20:	01	* *	1	\$1,100	В
Electrical Power MCC							
Generic	100% Now	\$5,300 204	12	* *			В
Generic	Other Observation, Exte	' '					Б
	Location : Center Pier		. 2370				
	Explanation : End Lifts		Due To This T	he Brid	loe Will N	lot Onen	
PanelBoard	Exprenential : Ener Egri	Bo Ivor Bischgage.	Due to this t	ne Bria	80 111111	от орен.	
Circuit Breaker	100%	204	12	* *	1	\$6,700	В
Service Equipment						+ - ,	
Circuit Breaker	100%	204	12	* *			В
Transfer Switch							
Auto	100%	204	42	* *			В
Transformer							•
Dry	100%	204	12	* *			В
Exterior Lighting							
Lighting Contactor							
Generic	100%	204	42	* *	1	\$5,600	В
Lighting Fixture							
HID	100%	202	24 \$2	4,100			В
Pole							
Aluminum	100%	202	29	* *			В
Interior Lighting							
Lighting Fixture	1000/ 37	#2 00 2 00	•			4.5.000	
Fluorescent	100% Now	\$200 202		* *	1	\$5,000	В
	Other Observation, Exte	nt : Light, Area Affec	eted: 20%				
	Location : Various		: 0 P !!	. D. 1			
	Explanation : Service I	Lighting Needs Relan	nping Or Balla	st Repl	acement.		
Wiring Device	1000/	207	22	* *			D
Generic	100%	203	33	4. 4.			В
Navigation Lighting							
Fender Lighting	100% Now	\$400 202	n2 ¢	o 500	1	\$2,000	D
Incandescent				8,500	1	\$3,000	В
Other Observation, Extent : Light, Area Affected : 15% Location : Center Pier							
	Explanation: North Ti		avioation Liah	ts Out			
Pier Lighting	<u> </u>	p ina center bast iv	ariguion Ligh	ıs vui.			
Incandescent	100%	202	23 \$	5,700	1	\$4,500	В
meandescent	10070	202		2,700	1	ψ-1,500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4209

Bridge Electrical	Cu	ırrent Repair	Future	Replacement	M	aintenance	
System Component Type		il Date Estimated Cost Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Navigation Lighting Span Lighting Incandescent	Other Observa Location : V	low \$3,400 ution, Extent : Light, Area arious : Various Service Lighting			1 elamping	\$2,000 g.	В
Raceway Box Pull Junction		low \$200	2030	* *	1	\$3,500	В
	Location : M	ntion, Extent : Moderate, A lachine Room : Pull Box For Grounding			And Lat	ches Do Not	
Collector Ring Metal	100%		2033	* *			В
Conduit Metal	100%		2060	* *			В
Submarine Control Cables Generic	100%		2029	* *			В
Submarine Power Cable Power	100%		2029	* *			В
Trough Metal	100%		2060	* *	1	\$1,100	В
Wires Thermoplastic	100%		2042	* *			В
Span Lock Motor Squirrel Cage	100%		2038	* *			В
Traffic System Electrical Barrier Gate Lighting							
Incandescent Traffic Gate Lighting	100%		2020	\$14,000	1	\$1,100	В
Incandescent	Other Observa Location : St	Tow \$700 ntion, Extent : Moderate, A w Warning Gate : 3 Arm Lights Broken	2024 Area Affect	\$14,000 ted : 20%	1	\$1,000	В
Traffic Gong Generic	100%	Ü	2024	\$14,800	1	\$600	В
Traffic Signal Generic	100%		2024	\$226,200	1	\$600	В

Bridge 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

Swing

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4209

% of Fail Date Total (Years)	e Estimated Cost	Year 1 FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
100% Now				()		Code
100% Now						
100% Now						
Other Observation, Location : Center	Latches			2	\$18,000	В
Location : Center	Pivot Pier			2 To Acce	\$53,900	В
Explanation: 110	speranon observed	. some co	rrosion. Dijjiciiii	1071000	is interior.	
Location: End Lif	îts			2	\$35,900	В
-	Lifts Do Not Functi	ion Proper	ly. Limit Switche	s And Co	uplings Are In	
1 oor Condition.						
Location : Accessv Explanation : Cor	ways And Fender De roded Grating & Su	ecking pports. Son		ping Out	t Of Boards	В
100% Now Other Observation, Location: Control	\$16,200 Extent : Light, Area l House	2040	**			В
-						
Location : Drive M	<i>Aachinery</i>			2 ome Raci	\$179,600 k Nuts Not Seated.	В
	***	• • • •	de de			_
Other Observation, Location : Rest Pi	Extent : Moderate, A ers	Area Affec	* * ted : 50%			В
1		G				
Location : Barrier	Gates			on		В
100% Now Other Observation,	\$1,800 Extent : Light, Area	2028	* *			В
	Location: Center Explanation: No of 100% 0-2 Other Observation, Location: Center Explanation: No of 100% Now Other Observation, Location: End Lift Explanation: End Poor Condition. 100% Now Other Observation, Location: Access Explanation: Correct Around The Pier. In 100% Now Other Observation, Location: Control Explanation: No of 100% Now Other Observation, Location: Drive Machine Explanation: Bride Explanation: Ground The Pier. In 100% Now Other Observation, Location: Bride Explanation: Ground The Control Explanation: Ground The Pier. In 100% Now Other Observation, Location: Rest Pier Explanation: Ground The Observation, Location: Barrier Explanation: One 100% Now Other Observation, Location: Warning Location: Warning Control Warning Control Explanation: One 100% Now Other Observation, Location: Warning Control Warning Control Explanation: Warning Control Warning Control Explanation: Warning Control E	Location: Center Latches Explanation: No Operation Observed 100% 0-2 \$168,900 Other Observation, Extent: Light, Area Location: Center Pivot Pier Explanation: No Operation Observed 100% Now \$217,100 Other Observation, Extent: Severe, Are Location: End Lifts Explanation: End Lifts Do Not Function Poor Condition. 100% Now \$64,800 Other Observation, Extent: Severe, Are Location: Accessways And Fender De Explanation: Corroded Grating & Su Around The Pier. Missing Pinion Platy 100% Now \$16,200 Other Observation, Extent: Light, Area Location: Control House Explanation: No Heat Or Ac 100% Now \$49,600 Other Observation, Extent: Moderate, A Location: Drive Machinery Explanation: Bridge Could Not Be Op 100% 0-2 \$41,500 Other Observation, Extent: Moderate, A Location: Rest Piers Explanation: Grout Pads Are Deterion 100% Now \$7,000 Other Observation, Extent: Light, Area Location: Barrier Gates Explanation: One Missing Gate Arm 100% Now \$1,800 Other Observation, Extent: Light, Area Location: Warning Gates	Location: Center Latches Explanation: No Operation Observed. Cracks In 100% 0-2 \$168,900 2040 Other Observation, Extent: Light, Area Affected: Location: Center Pivot Pier Explanation: No Operation Observed. Some Co 100% Now \$217,100 2040 Other Observation, Extent: Severe, Area Affected Location: End Lifts Explanation: End Lifts Do Not Function Proper Poor Condition. 100% Now \$64,800 2040 Other Observation, Extent: Severe, Area Affected Location: Accessways And Fender Decking Explanation: Corroded Grating & Supports. Son Around The Pier. Missing Pinion Platform 100% Now \$16,200 2040 Other Observation, Extent: Light, Area Affected: Location: Control House Explanation: No Heat Or Ac 100% Now \$49,600 2028 Other Observation, Extent: Moderate, Area Affected: Location: Drive Machinery Explanation: Bridge Could Not Be Operated. So 100% 0-2 \$41,500 2028 Other Observation, Extent: Moderate, Area Affected: Location: Rest Piers Explanation: Grout Pads Are Deteriorating 100% Now \$7,000 2028 Other Observation, Extent: Light, Area Affected: Location: Barrier Gates Explanation: One Missing Gate Arm Buffer Stan 100% Now \$1,800 2028 Other Observation, Extent: Light, Area Affected: Location: Warning Gates	Location: Center Latches Explanation: No Operation Observed. Cracks In Bar Housing. 100% 0-2 \$168,900 2040 ** Other Observation, Extent: Light, Area Affected: 10% Location: Center Pivot Pier Explanation: No Operation Observed. Some Corrosion. Difficult 100% Now \$217,100 2040 ** Other Observation, Extent: Severe, Area Affected: 30% Location: End Lifts Explanation: End Lifts Do Not Function Properly. Limit Switches. Poor Condition. 100% Now \$64,800 2040 ** Other Observation, Extent: Severe, Area Affected: 20% Location: Accessways And Fender Decking Explanation: Corroded Grating & Supports. Some Nails Are Pop. Around The Pier. Missing Pinion Platform 100% Now \$16,200 2040 ** Other Observation, Extent: Light, Area Affected: 5% Location: Control House Explanation: No Heat Or Ac 100% Now \$49,600 2028 ** Other Observation, Extent: Moderate, Area Affected: 10% Location: Drive Machinery Explanation: Bridge Could Not Be Operated. Some Corrosion. St. 100% 0-2 \$41,500 2028 ** Other Observation, Extent: Moderate, Area Affected: 50% Location: Rest Piers Explanation: Grout Pads Are Deteriorating 100% Now \$7,000 2028 ** Other Observation, Extent: Light, Area Affected: 2% Location: Barrier Gates Explanation: One Missing Gate Arm Buffer Stand. Some Corrosion. St. Other Observation, Extent: Light, Area Affected: 2%	Location: Center Latches Explanation: No Operation Observed. Cracks In Bar Housing. 100% 0-2 \$168,900 2040 ** 2 Other Observation, Extent: Light, Area Affected: 10% Location: Center Pivot Pier Explanation: No Operation Observed. Some Corrosion. Difficult To Acce. 100% Now \$217,100 2040 ** 2 Other Observation, Extent: Severe, Area Affected: 30% Location: End Lifts Explanation: End Lifts Do Not Function Properly. Limit Switches And Co Poor Condition. 100% Now \$64,800 2040 ** Other Observation, Extent: Severe, Area Affected: 20% Location: Accessways And Fender Decking Explanation: Corroded Grating & Supports. Some Nails Are Popping Out Around The Pier. Missing Pinion Platform 100% Now \$16,200 2040 ** Other Observation, Extent: Light, Area Affected: 5% Location: Control House Explanation: No Heat Or Ac 100% Now \$49,600 2028 ** 2 Other Observation, Extent: Moderate, Area Affected: 10% Location: Drive Machinery Explanation: Bridge Could Not Be Operated. Some Corrosion. Some Racci 100% 0-2 \$41,500 2028 ** Other Observation, Extent: Moderate, Area Affected: 50% Location: Rest Piers Explanation: Grout Pads Are Deteriorating 100% Now \$7,000 2028 ** Other Observation, Extent: Light, Area Affected: 2% Location: Barrier Gates Explanation: One Missing Gate Arm Buffer Stand. Some Corrosion 100% Now \$1,800 2028 ** Other Observation, Extent: Light, Area Affected: 2% Uccation: Barrier Gates	Location: Center Latches Explanation: No Operation Observed. Cracks In Bar Housing. 100% 0-2 \$168,900 2040 ** 2 \$53,900 Other Observation, Extent: Light, Area Affected: 10% Location: Center Pivot Pier Explanation: No Operation Observed. Some Corrosion. Difficult To Access Interior. 100% Now \$217,100 2040 ** 2 \$35,900 Other Observation, Extent: Severe, Area Affected: 30% Location: End Lifts Explanation: End Lifts Do Not Function Properly. Limit Switches And Couplings Are In Poor Condition. 100% Now \$64,800 2040 ** Other Observation, Extent: Severe, Area Affected: 20% Location: Accessways And Fender Decking Explanation: Corroded Grating & Supports. Some Nails Are Popping Out Of Boards Around The Pier. Missing Pinion Platform 100% Now \$16,200 2040 ** Other Observation, Extent: Light, Area Affected: 5% Location: Control House Explanation: No Heat Or Ac 100% Now \$49,600 2028 ** 2 \$179,600 Other Observation, Extent: Moderate, Area Affected: 10% Location: Drive Machimery Explanation: Bridge Could Not Be Operated. Some Corrosion. Some Rack Nuts Not Seated. 100% 0-2 \$41,500 2028 ** Other Observation, Extent: Moderate, Area Affected: 50% Location: Rest Piers Explanation: Grout Pads Are Deteriorating 100% Now \$7,000 2028 ** Other Observation, Extent: Light, Area Affected: 2% Location: Barrier Gates Explanation: One Missing Gate Arm Buffer Stand. Some Corrosion 100% Now \$1,1800 2028 ** Other Observation, Extent: Light, Area Affected: 2% Location: Warning Gates

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Page: 638

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN

Address : BSP X-ING MILL BASIN

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0022.090 / 4318 Yr Built/Renovated : 1941 /

Area Sq Ft : 73,525 Project Type : WATERWAY BRIDGES

Date of Survey : 24-Apr-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2231479

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$39,575,700	\$5,777,800
Bridge Electrical	\$1,754,000	\$226,200
Bridge Mechanical	\$3,019,100	
Total	\$44,348,700	\$6,004,000
Priority A	\$35,747,600	\$1,663,300
Priority B	\$7,715,000	\$3,549,300
Priority C	\$886,000	\$791,400
Total	\$44,348,700	\$6,004,000

Total	\$216,100	\$600	\$297,100	\$600
Priority C	\$3,200			
Priority B	\$170,300	\$600	\$146,500	\$600
Priority A	\$42,600		\$150,600	
Total	\$216,100	\$600	\$297,100	\$600
Bridge Mechanical	\$37,500			
Bridge Electrical	\$92,800	\$600	\$600	\$600
Bridge Structure	\$85,800		\$296,600	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4318

Bridge Structure	Current Repair	Future Replacement	Future Replacement Maintenance			
System Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated C FY	Cycle (Yrs)	Estimated Cost	Priority Code	
Abutments						
Footings Not Accessible	100%				D	
Mat (scour & erosion) Earth	100% Now \$11,100 Erosion, Extent : Severe, Area Affecte Location : Both Beginning And End	d: 10%	* *		В	
Stem (breastwall) Concrete	100% 4+ \$425,000 Cracks, Extent: Severe, Area Affected Location: End Abutment Delaminations, Extent: Moderate, Ar Location: End Abutment Efflorescence, Extent: Moderate, Are Location: End Abutment Spalling, Extent: Light, Area Affected	LIFE 1 : 40% ea Affected : 10% a Affected : 10%	**		В	
	Location : End Abutment					
Walls Not Accessible	100%				D	
Wingwalls Footings Not Accessible	100%				D	
Mat (scour & erosion) Riprap	100% 4+ \$249,300 Erosion, Extent : Severe, Area Affecte Location : At All Four Wingwalls	LIFE	* *		С	
Piles	Bootaton : Iti Ital I otti Wingwatts					
Not Accessible	100%				D	
Walls Concrete	100% 4+ \$71,800 Cracking/Crumbling, Extent: Modera Location: Random Locations At The Delaminations, Extent: Light, Area A Location: Random Locations At All	te, Area Affected : 10% End South Wingwall ffected : 10%	* *		С	
Stream Channel						
Mat (scour & erosion) Earth	100% Now \$56,200 Erosion, Extent : Severe, Area Affecte Location : Pier 2 South Side		* *		A	
Stream Bed	100%	LIFE	* *		A	
Pier Protection Timber	100%	LIFE	* *		В	
Approaches Pavement	10070	Lirt			<u> </u>	
Asphalt	100% 4+ \$55,100 Cracks, Extent : Moderate, Area Affec Location : Both Approaches		300 4	\$9,700	С	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4318

Bridge Structure	Current Repair	Future Replacement	Maintenance				
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code			
Approaches							
Curbs							
Concrete	100% Now \$15,50			A			
	Broken/Missing Element, Extent : S	evere, Area Affected : 20%					
	Location: Both Approaches	7. 1. 5007					
	Cracks, Extent : Moderate, Area Af	fected : 50%					
	Location: Both Approaches						
	Settlement, Extent : Moderate, Area	a Affected : 50%					
	Location : Both Approaches						
Embankment	400	00 TIEE **		~			
Earth	100% 2-4 \$90	00 LIFE		C			
	Erosion, Extent: Moderate, Area Affected: 10%						
	Location: Both Approaches						
Guide Railing	700/ N. O. O. W.	00 1 1	Φ				
Steel	50% Now \$1,40		2-8 \$5,800	A			
	Damaged Railing, Extent : Severe, Area Affected : 10% Location : Beginning Approach South Side And Median						
Steel	50% Now \$70		2-8 \$5,800	A			
	Damaged Railing, Extent: Moderate, Area Affected: 20%						
	Location: End Approach South St	ide					
Pavement Base				_			
Not Accessible	100%			D			
Sidewalks	400		4 4000	~			
Asphalt	100% 2-4 \$2,30	. ,	4 \$900	С			
	Cracks, Extent : Moderate, Area Af						
	Location : End Approach South St	ide					
Piers							
Cap Beam	000/ 0.4 0.405.61	00 TIEE **					
Concrete	60% 2-4 \$465,60	00 LIFE		Α			
	Delaminations, Extent: Moderate, Area Affected: 15%						
	Location: Piers 3, 4, 5, 10, 11 &						
	Spalling, Extent: Moderate, Area A Location: Piers 3, 4, 5, 10, 11 &						
Concrete	40%	LIFE **		A			

Asset #: 4318

idge Structure	Current Repair	Future Replacement	Future Replacement Maintenance			
tem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priorit Cod		
'S						
Pier,Columns	4.407	TIEE **		ъ		
Concrete	44%	LIFE		В		
Concrete	33% 4+ \$1,870,800 Cracks, Extent: Moderate, Area Affect	LILE		В		
	Location : All Piers	ей. 2070				
	Delaminations, Extent : Light, Area Aff	fected : 20%				
	Location : All Piers	20,0				
	Exposed Reinforcement, Extent: Light,	Area Affected : 20%				
	Location : All Piers	33				
	Spalling, Extent: Light, Area Affected.	: 20%				
	Location : All Piers					
Concrete	23% 0-2 \$326,000	LIFE **	:	В		
	Cracks, Extent: Severe, Area Affected	: 5%				
	Location: Piers 3 & 11					
	Delaminations, Extent: Moderate, Area	a Affected : 5%				
	Location: Piers 3 & 11					
Stem,Solid Pier						
Concrete	25% 4+ \$276,100	LIFE **	•	В		
	Cracks, Extent : Moderate, Area Affect	ed : 25%				
	Location: Piers 2 And 12	C . 1 100/				
	Delaminations, Extent : Light, Area Aff Location : Piers 2 And 12	ectea : 10%				
	Efflorescence, Extent : Moderate, Area	Affantad . 200/				
	Location : Piers 2 And 12	Affected . 20%				
	Exposed Reinforcement, Extent: Light,	Area Affected : 5%				
	Location: Piers 2 And 12	meanyceica. 570				
	Spalling, Extent : Moderate, Area Affect	eted : 5%				
	Location: Piers 2 And 12					
Concrete	75%	LIFE **	:	В		
Brngs,Ancr Blts,Pads						
Steel	100% 2-4 \$2,152,600	LIFE **	2-8 \$40,300	A		
	Corrosion, Extent: Severe, Area Affect					
	Location: Piers 2, 3, 4, 5, 10, 11 & 1.	2				
Footings	1000/			D		
Not Accessible Mat (scour & erosion)	100%			D		
Riprap	100% 4+ \$3,000	LIFE **	:	A		
πιριαρ	Other Observation, Extent : Light, Area			А		
	Location: Piers 2 & 12	<i>JJ</i>				
	Explanation : Solid Stem Pier					
Pedestals						
Concrete	100% 4+ \$24,200	LIFE **	:	В		
	Cracks, Extent: Light, Area Affected:	10%				
	Location : Pier 11					
	Spalling, Extent : Moderate, Area Affec	eted : 10%				
	Location: Piers 2 And 11					

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.

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^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4318

Bridge Structure	Current Repair	Future Replacement	M				
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code		
Deck Elements							
Curbs	10004 11 00 000	2044 **					
Concrete	100% Now \$3,666,000 Broken/Missing Element, Extent : Seve Location : Spans 9, 10, 11, 12, 13 An	re, Area Affected : 10%			A		
Steel	100% Recent Replace Evident, Extent : Light, Location : Spans 9 - 14 On The South				A		
Median							
Concrete	100% 4+ \$74,700 Cracks, Extent: Moderate, Area Affect Location: Span 3, 4, 5, 7, 9, 10, 11, 1 Spalling, Extent: Moderate, Area Affect Location: Span 3, 4, 5, 7, 9, 10, 11, 1	12, 13 & 14 cted : 15%	5	\$3,300	A		
Steel	30% 4+ \$16,900 Corrosion, Extent : Moderate, Area Afj Location : Random Spans	LIFE ** fected : 20%	4-8	\$26,500	A		
Steel	70%	LIFE **	4-8	\$26,500	A		
Railings/Parapets							
Steel	10% 4+ \$5,100 Corrosion, Extent: Light, Area Affecte Location: Span 7 Damaged Railing, Extent: Light, Area	Corrosion, Extent : Light, Area Affected : 10% Location : Span 7					
	Location : Span 9						
Steel	90%	LIFE **	2-8	\$36,800	A		
Sidewalks	4004	2020	_	0.1.010.0	a		
Concrete	40% 4+ \$46,000 Spalling, Extent : Moderate, Area Affec Location : Random Spans	2029 ** cted : 20%	5	\$10,400	С		
Concrete	30% 0-2 \$103,500 Spalling, Extent : Moderate, Area Affect Location : Random Spans	2032 * * * cted : 20%	5	\$10,400	С		
Concrete	30% Now \$103,500 Broken/Missing Element, Extent: Seve Location: Spans 3, 6, 9, 10, 11, 12, 1 Spalling, Extent: Severe, Area Affected Location: Spans 3, 6, 9, 10, 11, 12, 1	3 And 14 l : 25%	5	\$10,400	С		
Steel	100% Recent Replace Evident, Extent: Light, Location: Spans 9, 10, 11, 12, 13, Ar		2-8		С		

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^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4318

Bridge Structure	Current Repair Future Rep	Future Replacement Main		aintenance	ntenance	
System Component Type	% of Fail Date Estimated Cost Total (Years) Year Estimated FY	mated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Deck Elements						
Wearing Surface Asphalt	50% 0-2 \$86,400 2025 Cracks, Extent: Moderate, Area Affected: 30% Location: Random Spans Settlement, Extent: Moderate, Area Affected: 5%	\$216,100	5	\$42,000	С	
	Location : Span 14 Spalling, Extent : Moderate, Area Affected : 30% Location : Random Spans					
Asphalt	50% 2-4 \$64,800 2025 Cracks, Extent: Moderate, Area Affected: 25% Location: Random Spans Spalling, Extent: Moderate, Area Affected: 10% Location: Random Spans	\$216,100	5	\$42,000	С	
Superstructure						
Deck,Structural Concrete	90% 4+ \$2,547,000 LIFE Cracks, Extent: Moderate, Area Affected: 50% Location: Spans 1, 2, 3, 4, 5, 6, 7, 9, 11, 12, 13 & 14 Delaminations, Extent: Light, Area Affected: 10% Location: Random Spans	* *	5	\$72,800	A	
	Efflorescence, Extent : Light, Area Affected : 30% Location : Random Spans Spalling, Extent : Light, Area Affected : 10% Location : Random Spans					
Concrete	10% Now \$56,600 LIFE Other Observation, Extent: Severe, Area Affected: 10 Location: Span 10 Explanation: 6ft X 7ft Hole In The Deck	* *	5	\$72,800	A	
Joints	4000	ale ale				
Generic	100% Now \$105,600 LIFE Leakage, Extent: Severe, Area Affected: 50% Location: Piers 2, 3, 4, 5,10,11 And 12 Other Observation, Extent: Moderate, Area Affected: Location: Piers 2, 3, 4, 5, 10, 11 And 12 Explanation: Joints Paved Over	**			С	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4318

Bridge Structure	Current Repair	Future Replacemer	nt Maintenance				
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated C FY		Cycle (Yrs)	Estimated Cost	Priority Code	
Superstructure							
Primary Member							
Concrete	100% 4+ \$2,713,40		* *	5	\$38,600	A	
	Cracks, Extent: Severe, Area Affect	ted : 50%					
	Location: Spans 13 And 14	1.00					
	Efflorescence, Extent : Moderate, A	rea Affected : 50%					
	Location: Spans 1, 2, 13 And 14						
Steel	25% 4+ \$13,084,40	O LITE	* *	2-8	\$1,358,800	A	
	Corrosion, Extent : Moderate, Area	Affected: 25%					
	Location: Spans 3, 4, 9, 10 & 11						
	Loss of Section, Extent: Moderate, Area Affected: 20%						
	Location: Spans 3, 4, 9, 10 & 11						
Steel	75%	LIFE	* *	2-8	\$1,358,800	A	
Secondary Member							
Concrete	90%	LIIL	* *	5	\$933,900	В	
Concrete	10% 2-4 \$4,70		* *	5	\$933,900	В	
	Spalling, Extent: Severe, Area Affected: 50%						
	Location: Spans 1 And 14						
Steel	90%	LILE	* *	2-8	\$1,138,600	В	
Steel	10% 4+ \$44,10		* *	2-8	\$1,138,600	В	
		Corrosion, Extent : Moderate, Area Affected : 10%					
	Location : Span 7						
Movable Bridges							
Bascule Span							
Steel	100% 4+ \$10,731,40		* *			Α	
	Other Observation, Extent: Modera	ıte, Area Affected : 15%					
	Location: Bascule Span 8						
	Explanation: Corrosion On Steel	And Counterweight Deterio	oratio	n			
Bascule Span Pier	100/	00 LIEE	* *				
Concrete	10% 4+ \$199,80	JU LIFE	* *			A	
	Other Observation, Extent: Modera	ite, Area Affected : 10%					
	Location: Bascule Piers 7 & 8	.•					
	Explanation : Concrete Deteriora		sle sle				
Concrete	90%	LIFE	* *			A	

Bridge Electrical		Current Repa	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical								
Communications								
Generic	100%	Now	\$33,500	2024	\$33,500			В
	Other Obs	ervation, Exter	nt : Severe, Are	a Affecte	d : 100%			
	Location	: Operators R	oom					
	Explanat	ion : Land Lin	e Desktop Pho	ne Not Fi	unctioning			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4318

Bridge Electrical	Curren	t Repair	Future	Replacement	М	Maintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical	•						
Intercom							_
Generic	Location: Entire	\$14,000 , Extent : Severe, Are Bridge blic Address System I					В
Control System Electrical	•	•					
Control Console Metal	100% Now Other Observation Location: Contro	\$7,000 , Extent : Severe, Are ol Console	2041 ea Affected	* * l : 25%			В
	Explanation: Po	sition Indicators Inop	perative				
Control Devices							
Relay	100%		2029	* *			В
Disconnect Switch							
Non Fused	100%		2029	* *			В
Limit Switch							
Lever	100%		2019				В
Plunger	100%		2019				В
Generic	100%		2029	* *			В
Drive Machinery Brake Thruster	100%		2044	* *			В
Motor Brake							
Thruster	100% 0-2 Other Observation Location : Machi Explanation : Em		2044 Area Affed	* * cted : 30%			В
Span Lock Motor							
Generic	100%		2034	* *			В
Electrical Power MCC							
Contactors	100%		2037	* *			В
PanelBoard							
Circuit Breaker	100%		2029	* *			В
Service Equipment	400-						_
Circuit Breaker	100%		2037	* *			В
Transfer Switch	1000/		2027	* *			ъ
Manual	100%		2037	* *			В
Exterior Lighting Lighting Contactor Generic	100%		2029	* *	1	\$5,600	В
Lighting Fixture HID	100%		2022			• ,	В
Pole							
Aluminum Interior Lighting	100%		2025				В

Interior Lighting

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4318

Bridge Electrical		Current Repai	ir	Futur	e Replacement	M	aintenance	
System Component Type		Fail Date Esti (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
nterior Lighting								
Lighting Fixture Fluorescent	100% Other Obse	Now rvation, Extent	\$900 : Moderate,	2028 Area Affe	* * cted : 30%			В
		Random Loca						
	Explanation	on : Service Li	ghting Fixtur	es Are Inc	perable			
HID	100%	Now	\$1,300	2028	* *			В
		sing Elem, Ext Lighting Fixti						
Incandescent	Location :	4+ rvation, Extent Random Loca on: Lighting F	tions Throug	hout	\$3,100 cted : 20%			В
Wiring Device	•	0 0						
Generic	100%			2032	* *			В
Navigation Lighting Fender Lighting								
Incandescent	Other Obse Location :	Now rvation, Extent Fender Area on : Inoperable			\$17,900 d : 100%			В
Span Lighting	Блритин	m . moperable	ravigation	ыднь				
Incandescent		0-2 rvation, Extent Center Of Spo		2023 Area Affe	\$28,600 cted : 50%			В
	Explanation	on : 2 Of 4 Spa	ın Navigation	Lights A	re Inoperable			
Power Over 600V								
Transformer	1000/			2022				ъ
Oil	100%			2022				В
Raceway Communications Twisted Shielded pair	100%			2019				В
Conduit	10070			2017				
Metal		4+ rvation, Extent			* * cted : 40%			В
		Random Loca	_		n Some Locations			
Submarine Control Cables	Ехріапан	on . Conaulis C	completely Co	orroaea 1	n Some Locations			
Control	100%			2018				В
Submarine Power Cable								
Power	100%			2022				В
Trough Metal	100%			2039	* *			В
Wires Rubber		0-2 rvation, Extent	_		**			В
		Random Loca on : Conductor	_		roding Conduit Ar	ıd Junctio	on Boxes.	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4318

Bridge Electrical	Current I	Repair	Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Raceway						
Wiring						
Generic	100% Now	\$1,029,500	2029	* *		В
	Other Observation, I	Extent : Light, Area A	Affected	: 50%		
	Location: Random	Locations Through	out			
	Explanation: Pull	Boxes Corroded And	l Not Pi	oviding Protection	!	
Span Lock						
Motor						
Squirrel Cage	100%		2027	* *		В
Traffic System Electrical						
Traffic Gate Lighting						
Incandescent	100%		2019			В
Traffic Gong						
Generic	100% Now	\$2,800	2024	\$2,800		В
	Other Observation, E	Extent : Severe, Area	Affecte	d : 50%		
	Location: Warning	Gates/Bridge Appr	roach			
	Explanation : Traff	ic Gong Not Workin	g			
Traffic Signal						
Generic	100%		2022	\$226,200		В

Bridge Mechanical		Current Re	pair	Futur	e Replacement	Maintenance	
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Bascule							
Counter Weight							
Generic	100%	2-4	\$514,300	2052	* *		В
	Other Obse	ervation, Ext	ent : Moderate, 1	Area Affe	ected : 30%		
	Location	: Underside	Of Counterweig	hts			
	Explanat	ion : Spallin	g Concrete And I	Exposed .	Re-bar On Both Co	ounterweights.	
Emergency Drive							
Emergency Power	50%	Now	\$33,600	2039	* *		В
	Other Obse	ervation, Ext	ent : Severe, Are	a Affecte	ed: 30%		
	Location	: North Leaf	r				
	Explanat Not Be Te		ed Motor Coupli	ng And T	The Brake Thruston	r Is Leaking. System Could	
Emergency Power	50%	Now	\$33,600	2039	* *		В
	Other Obse	ervation, Ext	ent : Severe, Are	a Affecte	ed : 30%		
	Location	: South Leaf	•				
	Explanat	ion : Compo	nents And Linkas	ge Corro	ded, System Could	Not Be Tested.	
Fuel Tanks							
Generic	100%	Now	\$3,800	2029	* *		В
	Other Obse	ervation, Ext	ent : Light, Area	Affected	: 50%		
		: Control He					
		ion : One Of nk Used Has		ting In Po	ast. Now Bypassed	And Only One Tank Being	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4318

idge Mechanical	Current Repair	Future Replacemer	nt Maintenance	
stem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated C	ost Cycle Estimated Cost (Yrs)	Priority Code
scule	•			
Houses				
Access Ways	100% Now \$53,900 Other Observation, Extent: Severe, A Location: Access Ways Explanation: Some Areas Of Corro Grating.	rea Affected : 10%	* * rs Required To Doors And	В
Control House	100% Now \$99,100 Other Observation, Extent: Moderate Location: Control House Explanation: Windows And Doors	e, Area Affected : 20%	* *	В
Machinery Room	100% Now \$42,800		* *	В
	Other Observation, Extent: Moderate Location: South And North Machin Explanation: Some Doors And Loca	e, Area Affected : 30% ery Rooms		
Lock Bars	1000/ N	2022	* *	ъ
With Motor	100% Now \$273,600 Other Observation, Extent: Moderate Location: Span Lock Machinery Co Explanation: Corrosion And Limite Extension Covers. Some Repairs Re	e, Area Affected : 80% omponents d Lubrication. Broken Ho		В
Main Drive System	-	_		
Generic	100% 2-4 \$1,822,000 Other Observation, Extent: Moderate Location: Main Drive Machinery Explanation: Machinery Componer Repairs/ Rehabilitation To Machine	e, Area Affected : 50% ats Has Areas Of Moderat	* * e To Heavy Corrosion. Some	В
Rack	· · · · · · · · · · · · · · · · · · ·	<i>y</i>		
Generic	100% 0-2 \$20,600 Other Observation, Extent: Light, Ar Location: Racks Explanation: Some Surface Corross	ea Affected : 2%	* *	В
Live Load Supports	2. promonent i some surjace correst			
Generic	100% Now \$1,100 Other Observation, Extent : Moderate Location : Live Load Bearings		00	В
	Explanation : Live Load Bearings C Noted. Adjustment May Be Required	· ·	essed. From Shore, Corrosion	
Traffic Devices Warning Gate	100% Now \$12,000 Other Observation, Extent: Moderate Location: Traffic Gates	e, Area Affected : 2%	* *	В
Trunnion	Explanation : One Gate Has Broken	i Anchor Doll. Some Gate	S ATE MISSING LOCKS.	
Trunnion Generic	100% Now \$146,200 Other Observation, Extent : Light, Ar Location : Trunnion Assemblies	2027	* *	В
	Explanation: Corrosion On Trunnic	on Assembly Components		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL

Address : SMITH STREET AND 2ND. AVENUE

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0149.000 / 13512 Yr Built/Renovated : 1999 /

Area Sq Ft : 4,800 Project Type : WATERWAY BRIDGES

Date of Survey : 25-Apr-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240240

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Electrical	\$50,500	
Bridge Mechanical	\$475,100	
Total	\$525,600	
Priority B	\$525,600	
Total	\$525,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$19,200			\$6,800
Bridge Electrical	\$82,400			
Bridge Mechanical	\$38,700			
Total	\$140,200			\$6,800
Priority A	\$12,000			
Priority B	\$121,100			
Priority C	\$7,200			\$6,800
Total	\$140,200			\$6,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13512

Current Repair		Future Replacement		Maintenance		
% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
100%						D
100%		LIFE	* *			В
						C
						C
_		rate, Are	a Affected : 15%			
-						
		d: 10%				
Location : South O	f Pier 1					
100%						D
100%		LIFE	* *			В
Split/Dry/Cracked, E	xtent : Light, Area	Affected	: 1%			
Location : Timber I	Protection At Begin	<i>Vertical</i>	Lift Pier			
100%		2039	* *	4	\$13,500	C
Cracks, Extent: Mod	lerate, Area Affecte	d:2%				
Location: Beginning	ng And End Approa	ches				
100%		LIFE	* *			A
100%		LIFE	* *			C
100%		LIFE	* *			A
100%		2034	* *	5		C
	Extent : Light, Area		: 1%			
Explanation : Sidev	valk Is In Good Co	ndition				
•						
100%		2029	* *	5		C
100%		LIFE	* *	5		A
	Extent : Light, Area		: 1%	_		
		55				
Explanation: Conc	rete Deck					
Explanation: Conc	rete Deck					
Explanation : Conc	rete Deck					
	100% 100%	100% 100%	No of Total Total State Estimated Cost Year FY	No of Fail Date Estimated Cost FY Estimated Cost Cost	No of Total State Stimated Cost Year Stimated Cost Cycle Total (Years) State Stimated Cost Total (Years) State Stimated Cost Cycle State Sta	100%

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13512

Bridge Structure	Current R	epair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Movable Bridges							
Vertical Lift Tower							
Steel	5% Now	\$12,000	LIFE	* *			A
	Other Observation, E.	ctent : Severe, Area	Affecte	d:1%			
	Location: Begin Ve	rtical Lift Pier 1, No	orth Bea	ıring			
	Explanation: North	Side Rocker Bearin	g Tiltea	Approximately 43	5 Degree	S	
Steel	95%		LIFE	* *			A
Vertical Lift Pier							
Concrete	100%		LIFE	* *			A

Bridge Electrical		Current Repair		Futur	e Replacement	N	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Cod
ommunication Electrical								
Communications								
Generic	100%	Now	\$20,100	2022	\$33,500			В
			Extent : Moderate, A	Area Affe	ected : 100%			
	Location	: Entire B	ridge					
	Explana	tion : Cctv,	Fire Alarm, Secur	ity Syster	m, Public Address	Not Fun	ctioning	
ontrol System Electrical								
Computer								
PLC	100%	Now	\$14,400	2022	\$24,000			В
	Other Obs	ervation, E	Extent : Moderate, A	Area Affe	ected : 100%			
	Location	: Electric	Room					
	Explana	tion : Bridg	ge Operates Under	Half Spe	ed- Otherwise It G	oes Out	Of Skew. East	
	Height I	ndicator Br	roken.					
Control Console								
Stainless Steel	100%	Now	\$8,900	LIFE	* *			В
	Other Obs	ervation, E	Extent : Light, Area	Affected	! : 10%			
	Location	: Plc User	· Console					
	Explana	tion : Alarn	n Printer Not Func	tioning				
Disconnect Switch								
Generic	100%			2044	* *			В
Limit Switch								
Generic	100%			2044	* *			В
lectrical Power								
Transfer Switch								
Auto	100%	Now	\$19,000	2044	* *			В
	Other Observation, Extent : Moderate, Area Affected : 100%							
		: Electrica						
	Explana	tion : Trans	sfer Switch Not Wo	rking, O	nly Stays On Prima	ary Powe	er.	
Heating			~	0.	_ · _ ·	-		
Generic	100%			2044	* *			В

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13512

Bridge Electrical		Current R	epair	Futur	e Replacement	Ma	intenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Electrical Power								
Dist Equip & Motor Contro	11							
Generic	1%	Now	\$10,700	2044	* *			В
			xtent : Moderate, A					
		_	ontrol System/ Mo					
	-	_	e Operators Are To oen To Avoid Skew		un Bridge In Redu	ced Speed	To Avoid Skew	
Generic	99%			2044	* *			В
Navigation Lighting								
Pier Lighting								
Incandescent	100%			2023				В
Span Lighting								
Incandescent	100%			2023				В
Raceway								
Conduit								
Metal	100%			2064	* *			В
Submarine Control Cables								
Not Accessible	100%							D
Submarine Power Cable								
Not Accessible	100%							D
Wiring								
Generic	100%	Now	\$50,500	2029	* *			В
			xtent : Moderate, A	Area Affe	ected : 20%			
		: Control C						
	Explanat	ion : Not Al	ll Conductors And	Conduit	s Are Grounded			
Stand-by Power								
Generator	1000/			2011	* *			ъ
Natural Gas	100%			2044	7 7			В
Lighting								
Lighting Devices	1000/	Now	¢0.200	2020	* *			D
Generic	100%	Now	\$9,200 xtent : Light, Area	2029				В
			ктепт : Lignt, Area Light Fixtures Thr					
		: Kanaom I ion : Light I	e e	ougnout	ышде			
	Ехріапаі	ion . Light i	Duios Oui					

Bridge Mechanical	Current Repa	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Lift	•						
CTRWT Ropes & Guides							
Generic	100% Now	\$8,200	2059	* *			В
	Other Observation, Exter	nt : Light, Area	Affected	! : 2%			
	Location: Cwt Guides						
	Explanation : Minor Co	orrosion On G	iide Fast	eners.			
Counter Weight							
Main CTRWT	100%		2059	* *			В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 13512

idge Mechanical	Current Repair	Futur	e Replacement	Maintenance	
tem Component Type	% of Fail Date Estin Total (Years)	nated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
tical Lift					
Emergency Drive Emergency Power	100% Other Observation, Extent: Location: Machine Room Explanation: System Cou	s And At Roadway L			В
End Locks					
With Motor	100% Now Other Observation, Extent: Location: Lock Machiner Explanation: All Locks A Observed. Repairs Needed	y re Currently Kept In		osition. Corrosion	В
Houses	o o ser rear repairs recease				
Access Ways	100% Now Other Observation, Extent: Location: Span Lock Acc Explanation: Hatches Ne	ess	* * ected : 1%		В
Control House	100% Now Other Observation, Extent: Location: Control House Explanation: Leaking Wi		**		В
HVAC	100%	2052	* *		В
Machinery Room	100%	2059	* *		В
Main Drive System Generic	100% Now Other Observation, Extent: Location: Machine Room Explanation: Motors, Bro	d.S		Require Cleaning &	В
Sheaves					
Generic	1% Now Other Observation, Extent: Location: Sheave Rooms Explanation: Missing Put				В
Generic	99%	2059	* *		В
Traffic Devices					
Barrier Gate	100%	2033	* *		В
Warning Gate	100% Now Other Observation, Extent: Location: Warning Gate	\$4,400 2033 Light, Area Affected	* * l : 1%		В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : PAERDEGAT BASIN BRIDGE BELT SHORE PKWY/PAERDEGAT BASIN

Address : BELT SHORE PKWAY

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0023.090 / 2454 Yr Built/Renovated : 1941 /

Area Sq Ft : 58,300 Project Type : WATERWAY BRIDGES

Date of Survey : 28-Sep-2006 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2231489

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$24,834,800	\$4,520,800
Total	\$24,834,800	\$4,520,800
Priority A	\$14,525,400	\$1,374,800
Priority B	\$3,823,000	\$1,154,000
Priority C	\$6,486,300	\$1,992,100
Total	\$24,834,800	\$4,520,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$101,200	_	\$256,800	\$80,000
Total	\$101,200		\$256,800	\$80,000
Priority A	\$60,600		\$125,500	
Priority B			\$115,700	
Priority C	\$40,600		\$15,500	\$80,000
Total	\$101,200		\$256,800	\$80,000



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PAERDEGAT BASIN BRIDGE BELT SHORE PKWY/PAERDEGAT BASIN

Asset #: 2454

Bridge Structure	Current Re	pair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals	400						_
Not Accessible	100%		1.00 . 1 1	000/			D
	Other Observation, Ex- Location :	tent : Light, Area	Affectea : 10	00%			
	Explanation : Field I	nenaction Sunnla	montad With	Information F	rom Rien	mial Inspection	
	Report	пѕресион ѕирріе	тепіей тіп	Injormation r	тот втеп	ти тѕресноп	
Backwall	1						
Not Accessible	100%						D
Brngs, Ancr Blts, Pads							
Not Accessible	100%						D
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Not Accessible	100%						D
Pedestals	1000/						ъ
Not Accessible	100%						D
Stem (breastwall)	1000/						D
Not Accessible Walls	100%						D
Not Accessible	100%						D
Wingwalls	10070						D
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Earth	70%		LIFE	* *			C
Earth	30% 0-2	\$24,500	LIFE	* *			C
	Erosion, Extent : Mode	erate, Area Affect	ted : 30%				
	Location:						
Piles							
Not Accessible	100%						D
Walls							
Concrete	80%		LIFE	* *			C
Concrete	20% 4+	\$278,700	LIFE	* *			C
	Cracks, Extent : Moder	rate, Area Affecte	ed: 20%				
	Location:		100/				
	Spalling, Extent : Light	t, Area Affected :	10%				
Character Character	Location :						
Stream Channel Bank Protection							
Riprap	50%		LIFE	* *			C
Riprap	50% 0-2	\$75,000	LIFE	* *			C
таргар	Broken/Missing Elemen			ffected : 40%			C
	Location :	,	,	,,,			
	Erosion, Extent : Mode	erate, Area Affect	ted : 40%				
	Location : At Begin A						
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PAERDEGAT BASIN BRIDGE BELT SHORE PKWY/PAERDEGAT BASIN

Asset #: 2454

ridge Structure	C	urrent Re	epair	Futur	e Replacement	M	aintenance	
stem Component Type		ail Date] Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
eam Channel								
Pier Protection	5 00/				de de			-
Timber	50%	F		LIFE	* *			В
			tent : Light, Area ection In Navigab					
			_		ei annel Recently Red	construct	ed	
Timber		2-4	\$1,559,000	LIFE	* *			В
	Other Observ	vation, Ex	tent : Severe, Are	a Affecte	d : 50%			
	Location : '							
	Explanation	n : Timber	r Pile Jackets Ob	served To	Be At Various Sta	iges Of L	Deterioration.	
proaches								
Pavement	000/			2010	¢2 (52 700	4	¢44.500	C
Asphalt	90%	2.4	¢50,000	2019	\$2,653,700	4	\$44,500	C C
Asphalt		2-4	\$59,000 Area Affected : A	2019	\$294,900	4	\$44,500	C
	Location :	nı . Lıgnı,	Area Ajjeciea . I	10/0				
Curbs	20000000							
Concrete	20%	0-2	\$8,700	LIFE	* *			A
Concrete	Settlement, Extent : Moderate, Area Affected : 40%							
	Location : I							
Concrete	80%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
	_		tent : Moderate,	Area Affe	ected : 100%			
	Location : I	Random						
Guide Railing								
Steel	80%			LIFE	* *	2-8	\$53,700	Α
Steel		2-4	\$23,800	LIFE	* *	2-8	\$53,700	Α
		_	ght, Area Affected	l : 30%				
	Location : I		Anna Tinta Anna	A CC 4 - 1	. 1000/			
	Location : 3		tent : Light, Area	Ајјестеа	: 100%			
			lar Hit At 30 Foo	ot Rails	Are At Rent And A	hout 7 P.	osts Are Bent And	
	Dislocated	i. venicu	iai 1111 111 50 1 00	i. Rans	ire m Bem ma n	00m / 1	osis me Beni ma	
Timber	100%			2019		4		A
Timoer		vation, Ex	tent : Light, Area		: 100%	•		
	Other Observation, Extent : Light, Area Affected : 100% Location :							
	Explanation	n : Only C	On South Side Of .	Both App	roach.			
Mat (scour & erosion)	1000/			TIPP	* *			_
Earth	100%			LIFE	~ *			A
Pavement Base Not Accessible	100%							D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PAERDEGAT BASIN BRIDGE BELT SHORE PKWY/PAERDEGAT BASIN

Asset #: 2454

Bridge Structure	Current Repair	Future Replac	ement	Maintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat	ted Cost Cycle (Yrs)	Estimated Cost	Priorit Cod
pproaches			•		•
Sidewalks	994	•0.0		440.000	~
Asphalt	80%		233,200 4	\$48,300	C
Asphalt	20% 0-2 \$61,700		308,300 4	\$48,300	C
	Cracks, Extent : Moderate, Area Affec	ted: 10%			
	Location:	. 1 100/			
	Spalling, Extent : Moderate, Area Affe	естеа : 10%			
	Location :				
ers Cap Beam					
Cap Beam Concrete	90%	LIFE	* *		A
Concrete	10% 4+ \$140,000		* *		A
Concrete	Exposed Reinforcement, Extent : Mod		1 : 20%		А
	Location : At Third Pier	, 111 co. 1255 co. c	20,0		
	Rust Stains, Extent : Moderate, Area A	Affected: 30%			
	Location : At Third Pier	ijjeeied . 2070			
	Spalling, Extent : Moderate, Area Affe	ected : 20%			
	Location:	20,0			
Pier,Columns					
Concrete	90%	LIFE	* *		В
Concrete	10% 4+ \$575,600		* *		В
	Rust Stains, Extent : Light, Area Affec				
	Location:				
	Spalling, Extent : Light, Area Affected	: 10%			
	Location:				
Brngs,Ancr Blts,Pads					
Steel	100% 4+ \$4,127,600		* * 2-8	\$66,400	A
	Corrosion, Extent : Light, Area Affect	ed : 10%			
	Location :				
	Loose Elements, Extent : Light, Area A	Affected : 5%			
	Location:				
	Other Observation, Extent : Light, Are	ea Affected : 100%			
	Location:				
	Explanation : Observation Per Bienn	iial Inspection.			
Footings	1000/				Ъ
Not Accessible	100%				D
Mat (scour & erosion)	1000/	LIDE	* *		A
Earth	100%	LIFE			A
Pedestals Concrete	100% 4+ \$1,461,900	LIFE	* *		В
Concrete	Cracks, Extent: Light, Area Affected:				D
	Location :	10/0			
	Rust Stains, Extent : Light, Area Affec	ted : 30%			
	Location:	и. 50/0			
	Other Observation, Extent: Light, Are	pa Affected · 100%			
	Location : Entire Bridge	1111ccieu . 100/0			
	Explanation : Observations Were Mo	ada Ta Summlanian	Diannial Inspecti	0.14	

Deck Elements

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PAERDEGAT BASIN BRIDGE BELT SHORE PKWY/PAERDEGAT BASIN

Asset #: 2454

idge Structure	Current	Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ck Elements							
Curbs	000/		2020	ماد ماد			
Concrete	90%	¢952.000	2038	* *			A
Concrete	10% 0-2 Spalling, Extent : Se Location : Randon		2038 : 100%	* *			A
Gratings							
Grating w/ Concrete	100% Other Observation, Location: Span 7.	And 8 North Side			a ale Dam	t	A
Guide Railing	Explanation: Con-	crete Filled Grating	Unuzea	For Emergency D	еск керс	ur.	
Steel	100%		LIFE	* *			A
5.601	Other Observation, Location :	Extent : Light, Area		! : 100%			11
	Explanation : Guid	le Railing On Medi	an.				
Median	000/		LIEE	ታ ታ	~	¢10.500	
Concrete	80%	¢20,000	LIFE	* *	5	\$10,500	A
Concrete	20% 2-4 Spalling, Extent : Li Location :	\$28,000 ght, Area Affected :	LIFE 10%	* *	5	\$10,500	A
Railings/Parapets							
Steel	80%		LIFE	* *	2-8	\$58,000	A
Steel	20% 4+ Corrosion, Extent : I Location :	\$150,400 Light, Area Affected	LIFE !: 20%	* *	2-8	\$58,000	A
	Misaligned/Bulging, Location: Randon		Area Afj	fected : 30%			
	Rust Stains, Extent : Location : Randon		d : 20%				
Sidewalks							
Concrete	80%	450 500	2023	\$1,593,700	5	\$31,000	C
Concrete	20% 0-2	\$79,700	2023	\$398,400	5	\$15,500	С
	Cracks, Extent : Sev Location : Randon		30%				
	Spalling, Extent : Se		. 30%				
	Location: Randon		. 5070				
Wearing Surface							
Asphalt	90%		2019	\$723,700	5	\$67,100	С
Asphalt	10% 2-4 Broken,Missing Pav. Location: Randon		2019	\$80,400	5	\$33,500	C
	Cracks, Extent : Liga Location : Particul		15%				

Superstructure

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PAERDEGAT BASIN BRIDGE BELT SHORE PKWY/PAERDEGAT BASIN

Asset #: 2454

Bridge Structure	Current Repair	Future Replacement	IV	laintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle (Yrs)	Estimated Cost	Priority Code
perstructure					
Deck,Structural					
Concrete	60%	LIFE **	5	\$64,200	Α
Concrete	40% 2-4 \$2,692,300	LIFE **	5	\$64,200	A
	Cracks, Extent : Light, Area Affected : Location :	20%			
	Efflorescence, Extent : Moderate, Area Location :	Affected : 50%			
	Exposed Reinforcement, Extent: Light, Location:	, Area Affected : 10%			
	Spalling, Extent : Moderate, Area Affection :	cted : 10%			
Joints					
Generic	100% Now \$638,100 Joints Missing, Extent : Severe, Area A Location : Paved Over	LIFE ** ffected: 100%			С
	Leakage, Extent : Severe, Area Affecte Location : TYP	d : 100%			
Primary Member					
Steel	90%	LIFE **	2-8	\$1,077,700	A
Steel	10% 4+ \$6,563,000	LIFE **	2-8	\$1,077,700	A
	Corrosion, Extent : Light, Area Affecte Location : TYP	d : 20%			
	Other Observation, Extent : Light, Are Location :	a Affected : 100%			
	Explanation : Observation As Per Bi	ennial Inspection			
Secondary Member	Explanation : Observation 113 Fer Ba	лини твресной.			
Steel	90%	LIFE **	2-8	\$902,800	В
Steel	10% 4+ \$226,500	LIFE **	_	\$902,800	В
5.001	Corrosion, Extent : Light, Area Affecte Location : TYP		_ 0	φ>0 2, 000	٥
	Other Observation, Extent : Light, Are.	a Affected : 100%			
	Location:	33			
	Explanation : Observations As Per B	iennial Inspection.			

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER

Address : EASTCHESTER BAY, BX, PELHAM PKY

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 42,640 Project Type : WATERWAY BRIDGES

Date of Survey : 22-May-2014 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240200

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$8,456,000	\$259,900
Bridge Electrical	\$295,100	\$2,576,300
Bridge Mechanical	\$818,000	
Total	\$9,569,000	\$2,836,200
Priority A	\$8,257,900	\$259,900
Priority B	\$1,311,100	\$2,576,300
Total	\$9,569,000	\$2,836,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$50,400		\$21,300	
Bridge Electrical	\$103,500	\$200	\$200	\$200
Bridge Mechanical	\$148,400			
Total	\$302,300	\$200	\$21,500	\$200
Priority A	\$5,500		\$21,300	
Priority B	\$251,900	\$200	\$200	\$200
Priority C	\$44,900			
Total	\$302,300	\$200	\$21,500	\$200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER

Asset #: 2469

Bridge Structure		Current Re	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth			tent : Light, Area	LIFE Affected	**!:1%			В
		: End Abutr tion : Earth	nent In Front Of Abutn	nent At L	.ow Tide.			
Riprap	Location	: Both Abut			* * ! : 1% At Corners Of The	Fnd Ah	utmont	В
Stem (breastwall)	Ехрини	ion . Rip Ru	ip III Begin Houin	ieni ma	In Corners of The	Lna noi	линени.	
Masonry: Granite	100%			LIFE	* *			В
Wingwalls Footings								
Not Accessible	100%							D
Mat (scour & erosion) Riprap	100% Settlement.	. Extent : Li	ght, Area Affectea	LIFE	* *			C
		-	ht Wingwall					
Piles								
Not Accessible Walls	100%							D
Granite	100%			LIFE	* *			С
Stream Channel								
Bank Protection								
Riprap	100%			LIFE	* *			С
Mat (scour & erosion) Not Accessible	100%							D
Pier Protection Timber	Location	: Piers 3 &	tent : Light, Area 4 Tier Protection Ins		**!:1%			В
Approaches	1							
Pavement								
Asphalt		4+ stent : Mode : Both Appr	\$3,100 rate, Area Affecte roaches	2026 ed:5%	* *	4	\$5,400	С
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment	<u> </u>							
Earth	100%			LIFE	* *			C
Stone Rough Work Guide Railing	100%			LIFE	* *			С
Steel	100%			LIFE	* *	2-8	\$9,300	A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER

Asset #: 2469

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Riprap	100%			LIFE	* *			A
Sidewalks								
Concrete	100%			LIFE	* *			С
Piers								
Stem,Solid Pier								
Concrete	Location	: Piers 1,2			**			В
			nt : Moderate, Area	Ајјестеа	1: 15%			
		: Piers 1,2		50/				
		Extent : Lig : Piers 1,2	ht, Area Affected : 2,5 & 6	3%				
Granite	100%	4+	\$104,500	LIFE	* *			В
		_	t : Moderate, Area	Affected	! : 50%			
	Location	: Piers 1,	2, 5, 6					
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Guide Railing								
Concrete		4+ servation, E s : Spans 1-	\$2,100 Extent : Light, Area 3 And 5-7	2042 Affected	* *			A
	Explana	tion : Conc	rete Barrier On Th	e Bridge	, Left Side Only			
Railings/Parapets								
Concrete	100%			2034	* *	4	\$25,400	A
			Extent : Light, Area	Affected	: 100%			
		: Spans 1-						
	Explana	tion : Right	Side Of Bridge.					
Sidewalks								
Concrete	75%			2030	* *	5	\$19,700	C
Concrete	25%	2-4	\$27,200	2030	* *	5	\$9,800	C
			lerate, Area Affecte 3 And 5-7 Sidewal					
	Cracking/	Crumbling,	Extent : Severe, A	rea Affec	eted : 20%			
			3 And 5-7 Fascias					
	Spalling, I	Extent : Mo	derate, Area Affec	ted : 10%	6			
			3 And 5-7 Fascias.					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER

Asset #: 2469

Bridge Structure	Current Repair	Future Replacement	Maintena	ince
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estim (Yrs)	nated Cost Priority Code
Deck Elements				
Wearing Surface	4000/ N	2026 **	_	Φ1 π 400 G
Asphalt	100% Now \$3,200	2020	5	\$15,400 C
	Cracks, Extent : Moderate, Area Affecte Location : Span 7 Exhibits Transverse			
	Other Observation, Extent: Moderate, 1	o .		
	Location: Pier 5, Right Side	Trea rijjeciea . 270		
	Explanation: Pavement Settlement Ar	ound Drainage Scupper		
Steel Grating	100%	LIFE **	5	\$23,000 C
Steel Grating	Other Observation, Extent : Light, Area		3	Ψ23,000
	Location : Span 4	33		
	Explanation : Steel Grating In Basculo	e Span 4.		
Superstructure				
Primary Member				
Concrete	100% 2-4 \$2,391,300	LIFE **	5 \$	S175,500 A
	Cracks, Extent : Moderate, Area Affecte	ed : 10%		
	Location: Spans 1, 2, 3, 5, 6, 7	C4-1-500/		
	Delaminations, Extent : Severe, Area Aj Location : Spans 1, 2, 3, 5, 6, 7	<i>јестеа : 30%</i>		
	Spalling, Extent: Severe, Area Affected	. 10%		
	Location : Spans 1, 2, 3, 5, 6, 7	. 10/0		
Steel	100% 4+ \$2.060.600	LIFE **	2-8	\$157,700 A
Sicci	Corrosion, Extent : Moderate, Area Affe		2-0 4	7137,700 A
	Location: Exposed Steel Truss In Ran			
Movable Bridges				
Bascule Span				
Steel	100% 2-4 \$2,121,200	LIFE **		A
	Other Observation, Extent : Severe, Are	a Affected : 15%		
	Location: Span 4			
	Explanation : Corrosion Holes, Section Secondary Members	n Losses At Several Membe	ers Of The Prima	ıry And
Bascule Span Pier	becondary members			
Concrete	100% 2-4 \$1,684,800	LIFE **		A
	Other Observation, Extent: Moderate, A	Area Affected : 20%		
	Location: Piers 3 & 4			
	Explanation: Pier Wall Supporting Tr	russ Members Is Cracking A	And Spalling Wit	h Exposed
	Rebars.			

Bridge Electrical		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical								
Communications								
Generic	100%	Now	\$33,500	2025	\$33,500			В
	Other Obs	ervation, E.	xtent : Light, Area	Affected	! : 100%			
	Location	· System W	lide					

Explanation: The Circuits In The Submarine Cable Utilized By This Equipment Have Been

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER

Asset #: 2469

Bridge Electrical		Current Repa	ir	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date Est (Years)	imated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Control System Electrical								
Control Console								_
Stainless Steel	Location	Now ervation, Exten : Control Desk ion : Automatio	:		* * ected : 25% oning. Must Be Ma	nually C	ontrolled.	В
Disconnect Switch			<u>-</u>		-			
Generic	100%			2030	* *			В
Limit Switch								
Generic	100%	Now	\$17,400	2038	* *			В
	Other Obs	ervation, Exten	t : Severe, Are	a Affecte	d: 50%			
	Location	: North Leaf T	oe.					
	Explanai	ion : Seating L	imit Switches 2	Are Brok	en.			
Electrical Power								
Transformer	400							_
Dry	100%			2038	* *			В
Dist Equip & Motor Contro			011 100	2022	455 6000			_
Generic	Location Explanat	Now ervation, Exten : MCC Bucket. ion: Circuit Bi heast Warning	s reaker Linkage		\$556,900 : 10% a On Two Buckets.	Southwe	st Motor Brake	В
Ground/Lightning Protection		0						
Ground Bus								
Copper	100%			2030	* *			В
Raceway								
Submarine Control Cables								
Generic	100%			2023	\$793,100			В
Wiring								
Generic	Location Explanat	. ~	ht Pits		\$983,600 ected : 30% re Corroded. Junc	tion Box	es And Pull Boxes	В
Stand-by Power	Are miss	ing Covers.						
Generator								
Diesel	100%			2045	* *			В
Traffic System Electrical	10070			2013				
Traffic Signal								
Generic	100%			2020	\$164,600	1	\$1,900	В
Lighting	10070				÷ = 0 .,000		¥2,> 00	
Lighting Devices								
Generic	100%	Now	\$23,500	2023	\$78,200			В
	Other Obs Location Explanat	ervation, Exten : Toe Of Both	t : Light, Area Spans, Variou ation Light Ha	Affected s s Broken	: 25% Lens. Service Light	hting Nee	eds Relamping @	-

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER

Asset #: 2469

idge Mechanical	Current Repair Future Replacement	Maintenance
stem Component Type	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost FY (Yrs	e Estimated Cost Prior
scule		
Counter Weight		_
Generic	100% 0-2 \$201,200 2040 ** Other Observation, Extent: Severe, Area Affected: 20% Location: North And South Counterweights Explanation: Corroded Steel	В
Emergency Drive		
Emergency Power	100% Now \$9,000 2040 *** Other Observation, Extent: Moderate, Area Affected: 100% Location: Emergency Generator	В
	Explanation: The Bridge Has Not Been Operated On Emergency Power To Be Dead. Need To Run & Test Generator.	r. Battery Reported
Fuel Tanks	TO TO DOME THOSE TO THE WAY OF CONTINUES	
Generic	100% 2-4 \$5,500 2045 ** Other Observation, Extent: Moderate, Area Affected: 50% Location: Sw Corner Explanation: Generator Fuel Tank Shows Moderate Surface Rusting.	В
Houses	Explanation: Generator Fact Paint Shows infoacture Surface Russing.	
Control House	100% Now \$26,300 2040 ** Other Observation, Extent: Light, Area Affected: 5% Location: Control And Tenders House	В
	Explanation: There Are Some Window And Roof Leaks. Some Locks Ne	ed Repair.
HVAC	100% Now \$7,900 2028 ** Other Observation, Extent: Light, Area Affected: 20% Location: Control House	В
	Explanation: Reported Heat And Ac Operation Is Poor.	
Machinery Room	100% Now \$14,300 2040 *** Other Observation, Extent: Moderate, Area Affected: 10% Location: Machinery Rooms Explanation: Corroded Grating.	В
Lock Bars		
With Motor	100% Now \$8,600 2028 ** Other Observation, Extent: Light, Area Affected: 5% Location: Lock Bars On Pier Explanation: Some Corrosion, Torn Protective Cover	В
Without Motor	100% Now \$21,400 2028 ** Other Observation, Extent: Moderate, Area Affected: 5% Location: Jaw And Pin Locks Explanation: Automatic Engagement Not Functioning. Needs To Be Moderate.	B unually Engaged.
Main Drive System	Some Corrosion. Some Repairs Required	
Generic	100% Now \$351,000 2040 ** Other Observation, Extent: Moderate, Area Affected: 10% Location: South & North Machine Rooms	В
	Explanation: One Missing Over Speed Switch Chain, Corrosion And Lu Some Broken Gauges. Misaligned Couplings	ebricant Leakage.

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER

Asset #: 2469

Bridge Mechanical	Current Repair	Future Replacement	Maintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
ascule				
Rack				
Generic	100% Now \$6,600 Other Observation, Extent: Light, Are Location: Southeast Rack Explanation: One Missing Or Broke			В
Live Load Supports				
Generic	100% Now \$26,500 Other Observation, Extent: Moderate, Location: Forward Live Load Bearin Explanation: Corrosion On Some O	ngs		В
Track				
Generic	100% 4+ \$22,100 Other Observation, Extent: Light, Are Location: Tracks Explanation: Corrosion And Paint F			В
Traffic Devices				
Barrier Gate	100% Now \$193,700 Other Observation, Extent: Severe, An Location: Barrier Gates		tion Missing On Buckey	В
	Explanation : Adjustments Required. Hardware. Two Arms Are Cracked A		non, Missing Or Broken	
Warning Gate	100% Now \$72,100 Other Observation, Extent : Moderate, Location : Warning Gates	2028 ** Area Affected : 20%		В
	Explanation : Some Gate Heights Ne Missing Hardware And Cover For O	-	hor Bolt On The Sw.	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK

Address : NEW TOWN CREEK

Borough : BROOKLYN:QNS. Agency's Number : N/A

Area Sq Ft : 214,183 Project Type : WATERWAY BRIDGES

Date of Survey : 22-Apr-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240639

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$4,052,700	\$2,355,800
Bridge Electrical	\$78,700	\$272,100
Bridge Mechanical	\$1,152,400	
Total	\$5,283,800	\$2,628,000
Priority A	\$917,200	\$1,135,600
Priority B	\$4,008,400	\$1,492,400
Priority C	\$358,200	
Total	\$5,283,800	\$2,628,000

Total	\$142,600	\$24,400	\$372,300	\$47,300
Priority C	\$33,500			\$20,500
Priority B	\$109,100	\$24,400	\$263,500	\$24,400
Priority A			\$108,700	\$2,300
Total	\$142,600	\$24,400	\$372,300	\$47,300
Bridge Mechanical	\$64,000		\$116,700	
Bridge Electrical	\$27,600	\$24,400	\$24,400	\$24,400
Bridge Structure	\$51,000		\$231,100	\$22,800
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2476

Bridge Structure	Cur	rent Repair	Future Rep	lacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year Estin FY	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals	1000/						ъ.
Not Accessible	100%		A.CC . 1 00/				D
		tion, Extent : Light, Area					
		ginning And End Abutm		le a d			
Backwall	Explanation :	Enclosed Cell And Acce	ess Door is Loci	кеа.			
Not Accessible	100%						D
Not Accessible		tion, Extent : Light, Arec	a Affected : 0%				D
		ginning And End Abutm					
		Enclosed Cell And Acce		ked.			
Brngs,Ancr Blts,Pads	· · · · · · · · · · · · · · · · · · ·						
Not Accessible	100%						D
	Other Observa	tion, Extent : Light, Area	a Affected : 0%				
	Location: Be	ginning And End Abutm	ents				
	Explanation:	Enclosed Cell And Acce	ess Door Is Loci	ked.			
Footings							
Not Accessible	100%						D
Joint with Deck							
Composite	50%		LIFE	* *			В
Composite	50% 2		LIFE	* *			В
		: Severe, Area Affected .					
		ginning And End Abutm					
	_	t : Moderate, Area Affec					
3 .6.7.0	Location : Ве	ginning And End Abutm	ents				
Mat (scour & erosion) Not Accessible	100%						D
Pedestals	100%						υ
Not Accessible	100%						D
Not Accessible		tion, Extent : Light, Arec	a Affected : 0%				D
		ginning And End Abutm					
		Enclosed Cell And Acce		ked.			
Stem (breastwall)	•						
Not Accessible	100%						D
	Other Observa	tion, Extent : Light, Area	a Affected : 0%				
	Location: Be	ginning And End Abutm	ents				
	Explanation:	Enclosed Cell And Acce	ess Door Is Loci	ked.			
Wingwalls							
Footings							_
Not Accessible	100%						D
Piles	1000/						Б
Not Accessible	100%						D
Walls	050/		LIDD	* *			•
Concrete	95% 5% 4	\$170,000	LIFE	**			C C
Concrete	5% 4	+ \$179,600 : Light, Area Affected :	LIFE				C
	Location : En		10/0				
	Location : En	и линтені					

Stream Channel

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 ${\it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2476

Bridge Structure	Current Rep	air Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Es Total (Years)	timated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Stream Channel	•					
Bank Protection	4000					~
Concrete	100%	LIFE	* *			C
	Other Observation, Exten		: 10%			
	Location: Under Span	27 Protection Is Located A	4 Th a Dui da a Sita			
Timber	100%	2034	* *			С
Mat (scour & erosion)	10070	2034				<u> </u>
Not Accessible	100%					D
Pier Protection						
Timber	5% Now	\$802,400 LIFE	* *			В
	Broken/Missing Element,		ffected : 25%			
	Location : Bascule Pier					
	Other Observation, Exten		d : 25%			
	Location : Bascule Pier		4.27	, D	77' . 4 . 1 4	
	=	e 1 Of 2 Dolphin Cluster	s At 2 Locations F	tave вее	n Hit Ana Are	
Timber	Leaning. 95% 4+	\$1,524,600 LIFE	* *			В
Timber	95% 4+ Split/Dry/Cracked, Exten					Ь
	Location : Bascule Pier	0 00	270			
Approaches	Zoomon i Zuseme I ie.	520 627				
Pavement						
Asphalt	100% Now	\$32,700 2029	* *	4	\$11,500	С
•	Other Observation, Exter	nt : Moderate, Area Affec	cted : 20%			
	Location: End Approa	ch				
	Explanation: Pavemen	t Shoving And Rutting				
Concrete	100%	2039	* *	4		С
Guide Railing						
Concrete	100%	2039	* *	4	\$4,600	A
Pavement Base						
Not Accessible	100%					D
Sidewalks						
Concrete	100%	LIFE	* *			C
Piers						
Cap Beam	1000/	LIEE	ale ale			
Concrete	100%	LIFE	* *	2.0		A
Steel	100%	LIFE	4. 4.	2-8		A
Pier,Columns Concrete	500/	LIFE	* *			В
Concrete	50% 50% 2-4	\$271,600 LIFE	* *			В
Concrete	Cracks, Extent: Modera	te, Area Affected : 20%				Б
	Location: Piers 18 - 24		. 250/			
	Delaminations, Extent : 1 Location : Piers 19 - 24		: 23%			
	Efflorescence, Extent : M Location : Piers 19 - 2		10%			
Steel	100%	LIFE	* *	2-8	\$461,600	В
	10070	Lii L			Ψ101,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2476

Bridge Structure	Cu	rrent Repair	Futur	e Replacement	M	aintenance	
System Component Type		Date Estimated Cost ears)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers							
Stem,Solid Pier							
Concrete	98%		LIFE	* *			В
Concrete	Cracks, Extent Location : Pi			* *			В
		nt : Light, Area Affected : er 40 West Corner	2%				
Brngs,Ancr Blts,Pads	<u> </u>	er is well come.					
Steel	100%		LIFE	* *	2-8	\$49,400	A
Footings						· · · · · · · · · · · · · · · · · · ·	
Not Accessible	100%						D
Mat (scour & erosion)							
Not Accessible	100%						D
Pedestals							
Concrete	100%		LIFE	* *			В
Deck Elements							
Guide Railing							
Concrete	100%		2044	* *			A
Median							
Concrete	100%		LIFE	* *	5	\$75,600	A
Railings/Parapets							
Steel	100%		LIFE	* *	2-8	\$8,000	A
Sidewalks							
Concrete	100%		2034	* *	5	\$41,100	С
Wearing Surface							
Concrete	Broken, Missing	ow \$800 g Pave, Extent : Severe, 1 ans 19, 31, 32, & 33 Eas	55		5	\$3,000	С
Superstructure							
Deck,Structural							
Concrete		+ \$691,500	LIFE	* *	5	\$5,900	Α
	Cracks, Extent Location : Sp	: Moderate, Area Affecto ans 25 & 27	ed : 75%				
Grating w/ Concrete	100%		LIFE	* *			A
-	Location : Sp		ı Affected	: 2%			
	Explanation :	Only Span 26					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2476

Bridge Structure	Current R	epair	Future Repla	acement	M	aintenance			
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Superstructure									
Joints									
Composite	85% 4+	\$94,900	LIFE	* *	4	\$841,100	C		
	Other Observation, Ex			80%					
	Location: Piers 8, 1								
	Explanation: Water	Leakage Noted B	elow Joints						
Composite	15% Now	\$83,700	LIFE	* *	4	\$841,100	С		
-	Leakage, Extent: Mod	lerate, Area Affec	ted : 100%						
	Location: Piers 2, 5	, 9, 33, 39, 40 & 4	!3						
	Other Observation, Ex	tent : Severe, Are	a Affected : 100	%					
	Location: Piers 2, 5, 9, 33, 39, 40 & 43								
	Explanation: Torn	& Cracked Sealer							
Primary Member	-								
Prestressed Concrete	100%		LIFE	* *			Α		
Box Beam									
Steel	100%		LIFE	* *	2-8	\$1,979,800	A		
Secondary Member									
Steel	100% Now	\$178,800	LIFE	* *	2-8	\$1,658,400	В		
	Other Observation, Extent : Moderate, Area Affected : 2%								
	Location: Span 30								
	Explanation: Cross	Bracing Missing	4 Of 4 Connectio	on Rivets.					
Movable Bridges									
Bascule Span									
Steel	90%		LIFE	* *			A		
Steel	10% 4+	\$154,800	LIFE	* *			A		
	Other Observation, Ex	ctent : Moderate, 1	Area Affected : 5	5%					
	Location: Piers 25	& 26							
	Explanation: Steel T	Towers Exhibit Co	rrosion.						
Bascule Span Pier									
Concrete	90%		LIFE	* *			A		
Concrete	10% 0-2	\$70,800	LIFE	* *			A		
	Other Observation, Ex	tent : Moderate, 1	Area Affected : 5	5%					
	Location : Bascule F	Piers 25 & 26							
	Explanation : Media	n Stringers 6 & 7	Pedestal Exhibi	t Spalls Wi	th Expose	ed Anchor Bolts.			

Bridge Electrical		Current Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ommunication Electrical							
Intercom							
Generic	100%		2022	\$14,000			В
Telephone							
Desk Top	100%		2022				В
Jack							
Telephone	100%		2022				В

Control System Electrical

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2476

Bridge Electrical		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Control System Electrical								
Control Console	400		400 100					_
Stainless Steel	100%		\$38,600	LIFE	**			В
		_	, Extent : Moderate					
Control Devices	Lосапо	i : Control I	Desk Span Position	Meters	Not Functioning			
Relay	80%			2029	* *			В
Relay	20%			2029	* *			В
Disconnect Switch	2070			2037				
Non Fused	100%			2037	* *	1	\$49,400	В
Limit Switch	10070			2031			Ψ+2,+00	
CAM	67%			2017		1	\$13,500	В
CAM	33%			2022		1	\$13,500	В
Lever	75%			2022		1	\$53,900	В
Lever	25%			2019		1	\$53,900	В
Drive	20 70						400,700	
Machinery Brake								
Thruster	100%			2034	* *	1	\$2,300	В
Motor Brake							. , , , , , , , , , , , , , , , , , , ,	
Thruster	100%			2034	* *	1	\$2,300	В
Span Lock Motor							1 7	
Generic	100%			2034	* *	1	\$2,300	В
Electrical Power								
MCC								
Starter	100%			2022				В
Contactors	75%			2022				В
Contactors	25%			2037	* *			В
Motor Circuit Protector	100%			2022	\$17,700	1	\$4,500	В
PanelBoard								
Circuit Breaker	100%			2029	* *	1	\$13,500	В
Service Equipment								
Fused Disc Switch	100%			2029	* *			В
Transfer Switch								
Auto	100%			2029	* *			В
Exterior Lighting								
Lighting Contactor								
Generic	100%			2037	* *	1	\$5,600	В
Lighting Fixture								
HID	100%			2022				В
Pole								
Aluminum	100%			2025				В
Ground/Lightning Protection								
Ground Bus								_
Not Accessible	100%							D
Ground Rod	400.							
Not Accessible	100%							D

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2476

Bridge Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ground/Lightning Protection	•							
Ground Wire								
Green	100%			2025				В
Not Accessible	100%							D
Interior Lighting								
Lighting Fixture								_
Fluorescent	100%			2025	\$3,100	1	\$9,000	В
HID	100%	4+	\$1,600	2025	\$3,100			В
		_	n, Extent : Moderat					
			Locations Through		_			
			Extent : Moderate, 1					
			Locations Through		-			
	Explana	tion : Servi	ce Lighting Fixture	es Not W	orking			
Incandescent	100%	4+	\$1,600	2022	\$3,100			В
	Other Obs	ervation, E	Extent : Moderate, 1	Area Affe	ected : 50%			
	Location	: Random	Locations Through	hout				
	Explana	tion : Servi	ce Lighting Fixture	es Not W	orking			
Wiring Device								
Generic	100%			2024				В
Raceway								
Box								
Pull Junction	100%			2024		1	\$13,500	В
Terminal	100%			2024		1	\$4,500	В
Conduit							. , , , , , , , , , , , , , , , , , , ,	
Metal	50%			2052	* *			В
Metal	50%			2039	* *			В
Submarine Control Cables	20,0							
Control	100%			2022				В
Submarine Power Cable	10070							
Power	100%			2022				В
Wires	10070			2022				ь
Cloth	100%			2023	\$171,900			В
Thermoplastic	100%			2023	\$171,900 * *			В
	10070			2037				ь
Span Lock Motor								
Squirrel Cage	100%			2027	* *			В
	100%			2027				D
Traffic System Electrical								
Barrier Gate Lighting	1000/			2022		1	¢1 100	D
Incandescent	100%			2022		1	\$1,100	В
Traffic Gate Lighting	1000/			2022		1	Φ1 100	D
Incandescent	100%			2022		1	\$1,100	В
Traffic Gong	1000			2022			4.00	ъ
Generic	100%			2022		1	\$600	В
Traffic Sign	1005			2022				ъ.
Fixed	100%			2022				В

Lighting

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2476

Bridge Electrical		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Lighting Devices								
Generic	100%	Now	\$40,100	2025	\$100,300			В
	Other Obs	ervation, Ext	tent : Severe, Are	a Affecte	ed : 100%			
	Location	: Fender Lig	ghts; Pier Lights;	Bascule	Span Lights			
	Explanat	ion : Not Fu	nctioning					

ridge Mechanical	Current Repair Future Replacement Maintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost FY Cycle (Yrs)	Priority Code
scule		
Counter Weight		
Generic	100% Now \$104,900 2039 ** 2 \$71,800	В
	Other Observation, Extent: Light, Area Affected: 5%	
	Location: Counterweights	
Encara en Daises	Explanation: Some Open Pockets	
Emergency Drive Emergency Power	100% Now \$110,500 2039 ** 2 \$143,700	В
Emergency rower	Other Observation, Extent: Severe, Area Affected: 100%	Ъ
	Location: Machine Rooms	
	Explanation: Components Are Corroding. Operation Of System Could Not Be Performed.	
Fuel Tanks		
Generic	100% Now \$200 2029 **	В
	Other Observation, Extent : Light, Area Affected : 2%	
	Location: Control House	
	Explanation: Minor Leaks	
Houses		
Access Ways	100% Now \$24,700 2027 **	В
	Other Observation, Extent: Moderate, Area Affected: 5%	
	Location : Accessways	
	Explanation: Some Grating, Hatches, Safety Chains And Doors Need Repair.	
Control House	100% Now \$96,600 2039 **	В
	Other Observation, Extent: Moderate, Area Affected: 10%	
	Location : Control House	
	Explanation: Some Doors And Windows Need Repair. Heating System And Plumbing Needs	
N. 11 D	Repair.	
Machinery Room	100% Now \$33,300 2039	В
	Other Observation, Extent : Light, Area Affected : 10% Location : Machinery Rooms	
	Explanation: Some Doors And Enclosure Panels Need Repair.	
Lock Bars	Explanation . Some Doors And Enclosure I anets Need Repair.	
With Motor	100% Now \$44,900 2027 ** 2 \$35,900	В
***************************************	Other Observation, Extent: Moderate, Area Affected: 30%	ע
	Location: Lock Bars	
	Explanation: Lockbar Clearances Need To Be Reduced. Components Are Corroding And	
	Some Leakage From Reducers.	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2476

Current Repair	Future Replacement	Maintenance	
% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
400			_
		2 \$215,500	В
	a Affectea : 25%		
	nts Ara Carradina Ona Ma	chinam Rraka Not	
	us Are Corroung. One mu	Chinery Brake Noi	
3.			
100% Now \$86,500	2039 **		В
Other Observation, Extent: Moderate, A	Area Affected : 5%		
Location: Racks			
Explanation: Supports And Fasteners	Have Some Corrosion.		
. ,	2027		В
	Area Affected : 10%		
	и с : м	. 10 6:1 4 1	
•		tea On Siaes Ana	
najusimenis may be nequired with be	oek Hajusimeni.		
100% Now \$299,200	2027 **		В
	a Affected : 20%		
Location: Barrier Gates			
Explanation: Northwest Not Function Required. Some Missing Hardware.	ing. Southeast Net Hangs I	Low, Some Adjustments	
100% Now \$4,800	2027 **		В
Other Observation, Extent: Moderate, A	Area Affected : 2%		
Location: Warning Gates			
Explanation : Southeast Needs Adjusti	ment. Some Gates Missing I	Hardware And Locks.	
4			_
	2039		В
	a Affected : 10%		
	On Tournian Assambling M	inging Eisting Noted & Our	
	on 1 runnion Assemblies. M	issing Fitting Notea At One	
	100% Now \$216,100 Other Observation, Extent: Severe, Are Location: Machine Rooms Explanation: Minor Leaks. Component Functioning. 100% Now \$86,500 Other Observation, Extent: Moderate, A Location: Racks Explanation: Supports And Fasteners 100% Now \$1,100 Other Observation, Extent: Moderate, A Location: Rear Live Load Bearings Explanation: No Access From Platfor Adjustments May Be Required With Location: Barrier Gates Explanation: Northwest Not Function Required. Some Missing Hardware. 100% Now \$4,800 Other Observation, Extent: Moderate, A Location: Warning Gates Explanation: Southeast Needs Adjusting Souther Observation, Extent: Severe, Are Location: Warning Gates Explanation: Southeast Needs Adjusting Souther Observation, Extent: Severe, Are Location: Trunnion Assemblies	100% Now \$216,100 2027 ** Other Observation, Extent: Severe, Area Affected: 25% Location: Machine Rooms Explanation: Minor Leaks. Components Are Corroding. One Markey Functioning. 100% Now \$86,500 2039 ** Other Observation, Extent: Moderate, Area Affected: 5% Location: Racks Explanation: Supports And Fasteners Have Some Corrosion. 100% Now \$1,100 2027 ** Other Observation, Extent: Moderate, Area Affected: 10% Location: Rear Live Load Bearings Explanation: No Access From Platform. However Corrosion Not Adjustments May Be Required With Lock Adjustment. 100% Now \$299,200 2027 ** Other Observation, Extent: Severe, Area Affected: 20% Location: Barrier Gates Explanation: Northwest Not Functioning. Southeast Net Hangs I Required. Some Missing Hardware. 100% Now \$4,800 2027 ** Other Observation, Extent: Moderate, Area Affected: 2% Location: Warning Gates Explanation: Southeast Needs Adjustment. Some Gates Missing I 100% Now \$193,600 2039 ** Other Observation, Extent: Severe, Area Affected: 10% Location: Trunnion Assemblies Explanation: Debris And Corrosion On Trunnion Assemblies. Marchey I severe And Corrosion On Trunnion Assemblies.	100% Now \$216,100 2027 ** 2 \$215,500

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : RICHMOND AVENUE BRIDGE RICHMOND AVE,/RICHMOND CREEK

Address : OVER RICHMOND CREEK

Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOT0154.000 / 13517 Yr Built/Renovated : 1931 /

Area Sq Ft : 32,589 Project Type : WATERWAY BRIDGES

Date of Survey : 07-Jan-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240350

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$478,700	\$5,704,600
Total	\$478,700	\$5,704,600
Priority A	\$261,800	\$393,400
Priority B	\$84,800	\$322,600
Priority C	\$132,200	\$4,988,600
Total	\$478,700	\$5,704,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$162,900	\$59,600	\$69,200	
Total	\$162,900	\$59,600	\$69,200	
Priority A	\$56,500		\$36,900	
Priority B	\$21,300		\$32,300	
Priority C	\$85,100	\$59,600		
Total	\$162,900	\$59,600	\$69,200	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK

Asset #: 13517

Bridge Structure		Current Repair	Futur	e Replacement	Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	t Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Abutments						
Bridge Seat&pedestals						
Concrete	100%		LIFE	* *		A
Backwall						
Concrete	100%		LIFE	* *		С
Brngs, Ancr Blts, Pads	100-			de de		
Steel	100%		LIFE	* *		A
Footings	1000/					-
Not Accessible	100%					D
Joint with Deck	1000/	0.4 001.200	T TEE	* *		ъ
Composite	100%	2-4 \$21,300				В
		ervation, Extent : Light, Are : Both Abutments	га Ајјестеа	1:40%		
			al.			
Mat (scour & erosion)	Explanal	ion : Missing/ Damaged Sec	u			
Riprap	100%		LIFE	* *		В
Кіргар		ervation, Extent : Light, Are		1 · 100%		ъ
		: Both Abutments	a rijjeerea	. 100/0		
		ion : Riprap With Stones				
Pedestals	1	1 1				
Concrete	100%		LIFE	* *		Α
Stem (breastwall)						
Concrete	100%		LIFE	* *		В
Wingwalls						
Footings						
Not Accessible	100%					D
Mat (scour & erosion)						
Earth	100%	4+ \$10,100		* *		C
		xtent : Moderate, Area Affe		%		
	Location	: Begin Abutment West Side	e			
Walls	_					-
Concrete	7%	4+ \$21,700	LIFE	* *		C
		tent : Light, Area Affected :				
		: Random Locations Throu		0./		
		nce, Extent : Light, Area Aff				
		: Random Locations Throu				
Concrete	93%		LIFE	* *		С
Stream Channel						
Bank Protection	1000/		LIDE	* *		C
Riprap	100%		LIFE			С
Mat (scour & erosion) Generic	100%		LIFE	* *		A
Generic	100%		LIFE			A

Approaches

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK

Asset #: 13517

Bridge Structure	Current Repair		Futur	Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Pavement								_
Asphalt	100%			2025	\$4,895,500	4	\$178,700	C
Concrete	100%	4+	\$26,800	2033	* *	4	\$32,100	C
		_	nt, Area Affected : 5	5%				
			d Approaches	50/				
		_	ht, Area Affected :	5%				
<u> </u>	Locanor	i : Boin En	d Approaches					
Curbs	1000/	2.4	¢261.900	LIDE	* *			A
Concrete w/ Steel Face	100%	2-4	\$261,800	LIFE				A
		i, Exieni . N n : Both Ap	Aoderate, Area Aff proaches	eciea . 20)/0			
			prouches ht, Area Affected :	50%				
		: Both Ap		370				
Embankment	Locuiton	Dom rip						
Earth	100%			LIFE	* *			C
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$146,200	A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks								
Concrete	5%	4+	\$42,200	LIFE	* *			C
	Cracks, E.	xtent : Ligh	t, Area Affected : 3	5%				
			Locations Through					
	_		Extent : Moderate,	Area Affe	ected : 5%			
	Location	: East And	l West Approach					
Concrete	95%			LIFE	* *			C
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$84,800	LIFE	* *			В
			t, Area Affected : 5	5%				
		: South Ap	=	1 100/				
			Light, Area Affecte	ed: 10%				
			a And Centerline	50/				
		_	ht, Area Affected :	5%				
			ace Of Pier 1	. A CC 4 I	1 . 20/			
			Extent : Light, Area	н Ајјестеа	: 2%			
		ı : South A _l tion : Bird						
Brngs,Ancr Blts,Pads	Елріапа	tion : Bird	ivesiing					
Steel	100%	4+	\$24,700	LIFE	* *	2-8	\$6,400	A
Sicci			\$24,700 Light, Area Affecte			2-0	Ψυ,+ου	А
			Locations Through					
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			A
Not Accessible	100%							D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK

Asset #: 13517

Bridge Structure	Current Repair		Future Replacement		M			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ers								
Pedestals	400							_
Concrete	100%			LIFE	* *			В
Piles	1000/							ъ
Not Accessible	100%							D
eck Elements								
Curbs Concrete w/ Steel Face	100%	4+	\$17,100	LIFE	* *			٨
Concrete w/ Steel Face	Spalling, I	Extent : Lig	ht, Area Affected : Locations Through	5%				A
Median								
Concrete	100%	4+	\$9,500	LIFE	* *	5	\$3,400	Α
	Cracks, E.	xtent : Ligh	t, Area Affected : 5	5%			, ,	
	Location	: Random	Locations Through	hout				
	Settlement	t, Extent : N	Ioderate, Area Aff	ected : 10	0%			
	Location	: North Ar	nd South End					
Railings/Parapets								
Concrete	100%	4+	\$5,200	2033	* *	4	\$800	A
		_	t, Area Affected : 5					
	Location	: Random	Locations Through	hout				
	Other Obs	servation, E	Extent : Light, Area	Affected	: 5%			
		: Through						
	Explana	tion : Conc	rete Parapet With	Steel Rai	ling			
Steel	100%			LIFE	* *	2-8	\$12,900	Α
			Extent : Light, Area	Affected	2 : 5%			
		: Through						
	Explana	tion : Steel	Railing On Top O	^f Parapet				
Sidewalks	400		** * ** * * * * * * * * * * * * * * *		ate ate	_		~
Concrete	100%	4+	\$26,500	2029	* *	5	\$6,700	C
			t, Area Affected : 5					
			Locations Through					
		_	ht, Area Affected :					
W	Localion	: Kanaom	Locations Through	тош				
Wearing Surface	1000/	2.4	¢26.700	2022	* *	5	¢02.200	C
Concrete	100%	2-4	\$36,700 t, Area Affected : 2	2033		5	\$93,200	С
		_	t, Area Ajjectea . 2 Locations Through					
			ht, Area Affected :					
		_	ti, Area Ajjeciea . Locations Through					
Scupper								
Ductile Iron	100%			LIFE	* *			C
perstructure	/0							
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$35,900	A
	Other Obs	servation, E	Extent : Light, Area	Affected	: 100%			
		: Undersid						
	Explana	tion : Unde	rside Not Accessib	le				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK

Asset #: 13517

Bridge Structure	Current Repair	Future Re	placement	M	aintenance	
system Component Type	% of Fail Date Estim Total (Years)	ated Cost Year Est	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
uperstructure						
Joints						
Composite	100% 2-4	\$53,300 LIFE	* *	4	\$185,500	C
	Other Observation, Extent:	Moderate, Area Affected	! : 50%			
	Location: Throughout					
	Explanation : Missing/Da	maged Seal				
Primary Member						
Steel	100%	LIFE	* *	2-8	\$602,500	A
Secondary Member						
Steel	100%	LIFE	* *	2-8	\$504,700	В
	Other Observation, Extent: Light, Area Affected: 100%					
	Location : Underside					
	Explanation : Underside N	ot Accessible				

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL

Address : RIKERS ISL CHANNEL

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0052.000 / 2478 Yr Built/Renovated : 1966 /

Area Sq Ft : 183,419 Project Type : WATERWAY BRIDGES

Date of Survey : 12-Jul-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240660

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$2,284,400	\$1,392,300
Total	\$2,284,400	\$1,392,300
Priority A	\$983,200	\$115,600
Priority B	\$277,500	
Priority C	\$1,023,700	\$1,276,700
Total	\$2,284,400	\$1,392,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$26,500		\$12,900	
Total	\$26,500		\$12,900	
Priority A	\$9,300		\$12,900	
Priority C	\$17,200			
Total	\$26,500		\$12,900	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL

Asset #: 2478

Bridge Structure	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
Abutments				
Bridge Seat&pedestals	100%	LIFE **		٨
Concrete	Other Observation, Extent : Light, Ar Location : End Abutment Explanation : End Abutment	LILE		A
Not Accessible	100%			D
110011000351010	Other Observation, Extent : Light, Ar Location : Explanation : Begin Abutment	ea Affected : 0%		Z
Backwall				
Concrete	100% Other Observation, Extent: Light, Ar Location: End Abutment Explanation: End Abutment	LIFE ** rea Affected : 100%		С
Not Accessible	100%			D
	Other Observation, Extent : Light, Ar Location : Begin Abutment Explanation : Begin Abutment	ea Affected : 0%		
Brngs,Ancr Blts,Pads	Expension . Begin Houmen			
Elastomeric	50%	2043 **		A
Elastomeric	50% 4+ \$41,100 Rust Stains, Extent : Moderate, Area Location : Abutment At Island Side			A
Not Accessible	100% Other Observation, Extent: Light, Ar Location: Begin Abutment Explanation: Begin Abutment	rea Affected : 0%		D
Footings	Explanation . Begin Moument			
Not Accessible	100%			D
Joint with Deck Generic	100%	LIFE **		В
Mat (scour & erosion) Earth	100%	LIFE **		В
Pedestals	10070	LIFE		ъ
Concrete	100%	LIFE **		A
Stem (breastwall)	100,0			
Concrete	100% 4+ \$277,500 Cracks, Extent: Moderate, Area Affect Location: Abutment At Island Side Rust Stains, Extent: Moderate, Area Location: Abutment At Island Side	cted : 20%		В
Wingwalls				
Footings Not Accessible	100%			D
Mat (scour & erosion) Earth	100%	LIFE **		C

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL

Asset #: 2478

Bridge Structure	Current Repair		Future Replacement		Maintenance			
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ingwalls								
Piles	400							_
Not Accessible	100%							D
Walls	000/			LIEE	* *			C
Concrete Concrete	80% 20%	4+	\$127,300	LIFE LIFE	* *			C C
Concrete			\$127,300 at, Area Affected : 2					C
		: Random		570				
ream Channel	2000000	11000000						
Bank Protection								
Riprap	100%			LIFE	* *			C
Mat (scour & erosion)								
Stream Bed	100%			LIFE	* *			A
Pier Protection								
Not Accessible	100%							D
pproaches								
Pavement								
Asphalt	80%			2024	\$283,700	4	\$6,800	C
Asphalt	20%	2-4	\$14,200	2024	\$70,900	4	\$4,600	C
		_	t, Area Affected : 5	%				
		: Random		20/				
	-	_	ht, Area Affected : At Interface Of Beg		nant			
Curbs	Locuiton	. I omore	At Interface Of Beg	ın Abum	пені			
Concrete w/ Steel Face	95%			LIFE	* *			A
Concrete w/ Steel Face	5%	4+	\$500	LIFE	* *			A
Concrete w/ Steel I ace			ight, Area Affected					71
		: Through						
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Concrete	100%			2032	* *	4	\$3,800	A
Steel	75%			LIFE	* *	2-8	\$5,800	A
Steel	25%	4+	\$7,600	LIFE	* *	2-8	\$5,800	A
			ight, Area Affected	: 10%				
	Location	: Random						
Pavement Base								_
Not Accessible	100%							D
Sidewalks	000/			TIPP	* *			
Concrete	90%	4.	6700	LIFE	* *			C C
Concrete	10%	4+ Extent : Lie	\$700 ht, Area Affected :	LIFE	4. 4.			C
	-	: At Top S		10/0				
		=	=	A.ffootoo	1.20/			
	Vegetation	i (trowth I	extent · Liant Area					
			Extent : Light, Area strance	Ајјестеа	1.270			
	Location	: South Er	ntrance					
	Location Other Obs	: South Er	ntrance Extent : Light, Area					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL

Asset #: 2478

ridge Structure	Currer	nt Repair	Future	Replacement	N	laintenance	
ystem Component Type	% of Fail Da Total (Years	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ers							
Cap Beam	1000/		LIEE	* *			
Concrete	Location: Throu	n, Extent : Light, Area ghout ans Are Over Water.		: 100%	sed On 1	Nysdot Inspection	A
Pier,Columns							
Concrete	100%		LIFE	* *			В
	Other Observation Location : Throu	n, Extent : Light, Area ghout	Affected :	100%			
	= = =	ans Are Over Water. ! Nysdot Inspection	No Access	. Condition Is Ba	sed On I	Limited Visual	
Stem,Solid Pier							
Concrete	67%		LIFE	* *			В
	Location : Pier 2						
	= = =	ans Are Over Water. Nysdot Inspection	No Access	. Condition Is Ba	sed On I	Limited Visual	
Concrete	33% Cracks, Extent : La Location : Pier 5	ight, Area Affected : .	LIFE 10%	* *			В
		dent, Extent : Light, A	Area Affect	ted : 20%			
	Rust Stains, Extent Location : Pier 5	t : Light, Area Affecte 55	ed : 10%				
	Other Observation Location : Pier 5	n, Extent : Light, Area 55	Affected :	: 10%			
	Explanation: Cr	acks Have Been Repo	aired By In	ijection			
Brngs,Ancr Blts,Pads							
Not Accessible	100%						D
Footings							
Not Accessible	100%						D
Pedestals							
Not Accessible	100%						D
eck Elements							
Guide Railing							
Steel	80%		LIFE	* *			Α
Steel	20% 4+ Rust Stains, Extent Location : Rando	\$340,500 t : Moderate, Area A <u>f</u> om	LIFE fected : 15	* *			A
Railings/Parapets							
Steel	70%		LIFE	* *	2-8	\$175,900	A
Steel	30% 4+ Corrosion, Extent Location : Vario	\$601,500 : Moderate, Area Aff	LIFE ected : 25%	* *	2-8	\$175,900	A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL

Asset #: 2478

Bridge Structure	Current l	Repair	Futur	e Replacement	M	aintenance		
ystem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
eck Elements								
Sidewalks								
Concrete	90%		2028	* *	5	\$81,200	C	
Concrete	10% 4+	\$122,200	2028	* *	5	\$40,600	C	
	Spalling, Extent : Mo	oderate, Area Affec	ted : 25%	6				
	Location: Various	Locations						
Wearing Surface								
Concrete	90%		2032	* *	5	\$840,900	C	
Concrete	10% 4+	\$313,200	2032	* *	5	\$420,500	C	
	Cracks, Extent: Mod	lerate, Area Affecte	d: 20%					
	Location: Transverse And Map Cracking Throughout							
	Spalling, Extent : Lig	ght, Area Affected :	2%					
	Location : Random	And At Deck Joint	s					
perstructure								
Deck,Structural								
Not Accessible	100%						D	
Joints								
Generic	100%		LIFE	* *			C	
Primary Member								
Not Accessible	100%						D	
	Other Observation, Extent : Light, Area Affected : 0%							
	Location:							
	Explanation : Only Detail, Partial Len			erved From The U	Inderside	. Fatigue Prone		
Secondary Member								
Not Accessible	100%						D	
	Other Observation, I	Extent : Light, Area	Affected	: 0%				
	Location:							
	Explanation: Only	spans 54 and 55 w	ere obsei	rved from the unde	rside.			

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY & FLUSHING RIVER

Address : VAN WYCK EXPY, FLUSHING RIV.

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0049.070 / 2573 Yr Built/Renovated : 1924 /

Area Sq Ft : 84,425 Project Type : WATERWAY BRIDGES

Date of Survey : 19-Dec-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240507

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$6,023,000	\$3,585,500
Total	\$6,023,000	\$3,585,500
Priority A	\$658,900	\$1,857,000
Priority B	\$3,000,200	\$984,100
Priority C	\$2,363,900	\$744,400
Total	\$6,023,000	\$3,585,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$117,500	\$3,900	\$266,800	
Total	\$117,500	\$3,900	\$266,800	
Priority A	\$74,700	\$1,000	\$168,100	
Priority B	\$15,800		\$98,700	
Priority C	\$27,100	\$2,900		
Total	\$117,500	\$3,900	\$266,800	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2573

Bridge Structure	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Abutments				
Bridge Seat&pedestals Concrete	100% 4+ \$8,20 Efflorescence, Extent : Light, Area A			A
	Location: Random Locations Spalling, Extent: Moderate, Area Aj			
	Location: East Abutment North Si Other Observation, Extent: Light, A	de		
	Location: West Abutment Explanation: Area Fenced Off By		onavi as	
Backwall	Explanation : Area Fencea Off By	M. 1. A. And Other I rivate 17	operiies	
Concrete	100% 4+ \$14,30 Cracks, Extent: Light, Area Affected Location: East Abutment South Sid Other Observation, Extent: Light, A Location: West Abutment	l : 10% de		С
	Explanation: Area Fenced Off By	M. T. A. And Other Private Pr	roperties	
Brngs,Ancr Blts,Pads	0.504	T TIPE de de		
Steel	95%	LIFE **		A
Steel	5% 2-4 \$4,40 Corrosion, Extent : Light, Area Affect Location : East Abutment	O LIIL		A
Footings Not Accessible	100%			D
Joint with Deck	1000/ 4 015.00	00 I III		ъ.
Generic	100% 4+ \$15,80 Broken/Missing Element, Extent: M Location: At Begin Abutment			В
	Leakage, Extent : Moderate, Area Aj Location : Throughout	ffected : 25%		
	Loose Elements, Extent : Light, Area Location : Joint With Sidewalk	n Affected : 15%		
	Misaligned/Bulging, Extent : Moder Location : End Abutment	ate, Area Affected : 10%		
Mat (scour & erosion) Earth	100%	LIFE **		В
Stem (breastwall) Concrete	100% 4+ \$84,30 Cracks, Extent : Light, Area Affected			В
	Location : Random Locations Leakage, Extent : Light, Area Affecto Location : East Abutment	ed : 10%		
Wingwalls				
Footings Not Accessible	100%			D
Mat (scour & erosion) Earth	100%	LIFE **		С

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2573

Bridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ingwalls								
Piles								
Not Accessible	100%							D
Walls	100-		****		de de			~
Concrete	100%	4+	\$111,200	LIFE	* *			С
		_	t, Area Affected : I	0%				
			Locations	50/				
		_	ht, Area Affected : itment Both Wingw					
			Extent : Moderate,		ected : 10%			
	_		tment South Wing		10,0			
			Extent : Light, Area		: 50%			
			utment Wingwalls	33				
			Fenced Off By M.	T. A. Ana	l Other Private Pr	operties		
ream Channel	1		33 2			1		
Bank Protection								
Riprap	100%			LIFE	* *			C
Mat (scour & erosion)								
Generic	100%			LIFE	* *			A
pproaches								
Pavement								
Asphalt	50%			2025	\$197,000	4	\$8,700	С
	-	lace Evide : West Ap	ent, Extent : Light, proach	Area Affe	ected : 100%			
Asphalt	50%	4+	\$9,900	2025	\$197,000	4	\$5,800	C
			lerate, Area Affecte					
			Locations Through					
			Ioderate, Area Aff					
			Locations Through	iout East				
Concrete	100%	4+	\$3,000	2033	* *	4	\$5,400	C
			derate, Area Affec	ted : 10%	ó			
	Location	: End App	roach					
Curbs	1000/				de de			
Concrete	100%	2.4	φ1 2 000	LIFE	* *			A
Concrete w/ Steel Face	100%	2-4	\$12,000	LIFE				A
			Ioderate, Area Aff roach South Side	eciea : 50	770			
Each calmont	Location	. Епа Арр	roach South Stae					
Embankment Not Accessible	100%							D
Guide Railing	100%							ע
Concrete	100%			2033	* *	4	\$3,000	A
Concrete		ervation. F	Extent : Light, Area		: 100%	7	φ5,000	А
			proach (North And			oroach (North Side Only)	
			e Rail Exists		·, · · · ·			
Mat (scour & erosion)	1							
Earth	100%			LIFE	* *			A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2573

ridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
vstem Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
proaches								
Railings/Parapets	55 04				de de			
Steel	75%			LIFE	**			A
			Extent : Light, Area				South Side Only)	
			oroach (North And	ı soutn s	iaes) Ana East App	proacn (South Stae Only)	
G. 1		ion : Steel		TIPE	* *			
Steel	25%	4+	\$17,600	LIFE	* *			A
			ight, Area Affected					
G' 1 11	Lосапоп	: Ena App	roach, Southeast S	іае				
Sidewalks	1000/	4	ф.4.1. ООО	TIPE	* *			C
Concrete	100%	4+	\$41,000	LIFE	* *			C
			t, Area Affected : 5 ated Area More Se		West Approach			
			aiea Area More Se Ioderate, Area Aff					
			ated Area More Se					
	Location	. Deterior	uieu Areu More Se	vere on	west Approuch			
Con Boom								
Cap Beam Not Accessible	100%							D
Pier, Columns	10070							
Steel	100%	4+	\$848,800	LIFE	* *	2-8	\$427,400	В
Sicci			ight, Area Affected			2-0	ψ 4 27, 4 00	ь
		: Random		. 1070				
			ıt : Light, Area Aff	ected : 5	%			
	-		ated Area More Se			ıd 25 S		
Stem,Solid Pier					,			
Concrete	100%	4+	\$325,800	LIFE	* *			В
Concrete			t, Area Affected : 5					D
		: Through						
		_	: Light, Area Affe	cted : 10	%			
		: Through						
	Spalling, E	Extent : Lig	ht, Area Affected :	2%				
		: Through						
	Other Obs	ervation, E	Extent : Moderate, 1	Area Affe	ected : 20%			
		: Through						
	Explanat	ion : Loos	e/ Eroded Joint Mo	rtar				
Brngs,Ancr Blts,Pads	=							
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	80%			LIFE	* *			A
Earth	20%	2-4	\$32,400	LIFE	* *			A
	Erosion, E	xtent : Mo	derate, Area Affect	ed: 30%	ó			
	Location	: East Pie	r Southeast Face					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2573

Bridge Structure	Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers						
Pedestals	0004	* ***	di di			
Concrete	90%	LIFE	* *			В
Concrete	10% 2-4 \$62,400	LIFE				В
	Cracks, Extent : Moderate, Area Affect Location : Piers 25 S And 26 S	ea : 100%	O			
	Spalling, Extent : Moderate, Area Affec	eted : 100	00/			
	Location: Piers 23 S, 24 S, And 24 N		70			
	Other Observation, Extent: Light, Area		1 : 50%			
	Location : Piers From West Of Van V					
	Explanation : Not Accessible		•			
Deck Elements						
Guide Railing						
Concrete	100%	2037	* *			A
Railings/Parapets	100			• 0		
Steel	100%	LIFE	* *	2-8	\$14,700	A
	Corrosion, Extent : Light, Area Affected Location : Throughout	a : 15%				
Sidewalks	Location . Inroughout					
Concrete	100% 4+ \$61,800	2029	* *	5	\$23,500	С
Concrete	Cracks, Extent: Light, Area Affected:			3	\$25,500	C
	Location: Random Locations Throug					
Wearing Surface						
Concrete	70% 4+ \$398,900	2033	* *	5	\$175,200	C
	Cracks, Extent: Light, Area Affected:	10%				
	Location: Random Locations					
Concrete	30% Now \$1,709,400	2039	* *	5	\$175,200	C
	Cracks, Extent: Light, Area Affected:	5%				
	Location: Random Locations					
	Exposed Reinforcement, Extent : Sever	e, Area A	ffected : 5%			
	Location: Mid Span	1 50/				
	Spalling, Extent : Severe, Area Affectec Location : Mid Span	1:3%				
Scupper	Locuiton : Wita Span					
Ductile Iron	100%	LIFE	* *			С
Duethe Hon	Other Observation, Extent : Light, Area		l : 100%			C
	Location : Throughout	35				
	Explanation : 60 Percent Trench Dra	inage Sys	stem Used; 10 Perc	ent Light	t Corrosion	
	Observed					
Superstructure						
Deck,Structural	050/	T TEE	* *	5	የሰ2 ሰሰብ	A
Concrete Concrete	95% 5% 0-2 \$172,800	LIFE LIFE	**	5 5	\$92,900 \$92,900	A A
Concrete	S% 0-2 \$172,800 Cracks, Extent : Light, Area Affected :			3	φ9 ∠,9 00	A
	Location: Random Locations					
	Leakage, Extent : Light, Area Affected	: 5%				
	Location: Random Locations					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY & FLUSHING RIVER

Asset #: 2573

Bridge Structure		Current Re	pair	Futur	e Replacement	M	aintenance	
ystem Component Type	% of Total	Fail Date 1 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
uperstructure								
Joints								
Generic	100%	0-2	\$41,600	LIFE	* *			C
	Joints Miss	ing, Extent	: Light, Area Affe	cted: 40	0%			
	Location	: Scattered '	Throughout					
	Misaligned	/Bulging, E	xtent : Moderate,	Area Afj	fected : 20%			
	Location	: Scattered '	Throughout					
	Missing/Da	ımaged Seal	, Extent : Severe	Area Af	fected : 40%			
	Location	: Throughou	ıt					
Primary Member								
Steel	5%	4+	\$486,100	LIFE	* *	2-8	\$1,560,700	A
	Corrosion,	Extent : Lig	ht, Area Affected	! : 60%				
	Location	: Isolated L	ocations Below L	eck Join	ts And Beams			
Steel	95%			LIFE	* *	2-8	\$1,560,700	A
Secondary Member								
Steel	100%	4+	\$1,678,800	LIFE	* *	2-8	\$1,307,400	В
	Corrosion,	Extent : Lig	ht, Area Affected	: 15%				
	Location	: Random L	ocations					
	Loss of Sec	tion, Extent	: Light, Area Aff	ected : 10	0%			
		: Random L						

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD

Address : E RIVER, EAST CHANNEL,36 AVE

Borough : MANHATTAN:QNS. Agency's Number : N/A

Area Sq Ft : 36,543 Project Type : WATERWAY BRIDGES

Date of Survey : 30-May-2014 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240640

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$883,400	\$883,400
Bridge Mechanical	\$56,800	
Total	\$940,200	\$883,400
Priority A	\$387,200	\$387,200
Priority B	\$449,600	\$392,900
Priority C	\$103,300	\$103,300
Total	\$940,200	\$883,400

Total	\$419,800	\$11,100	\$80,100	
Priority C		\$11,100		
Priority B	\$237,000		\$39,400	
Priority A	\$182,900		\$40,700	
Total	\$419,800	\$11,100	\$80,100	
Bridge Mechanical	\$144,600			
Bridge Electrical	\$300			
Bridge Structure	\$274,900	\$11,100	\$80,100	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2477

Bridge Structure	Current Repair	Future Replac	ement	M	aintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estimat FY		Cycle (Yrs)	Estimated Cost	Priority Code
Abutments		•	•			
Bridge Seat&pedestals						
Concrete	100%	LIFE	* *			<u>A</u>
Backwall	1000/	I IDE	* *			a
Concrete	100% Other Observation, Extent : 1	LIFE	* *			С
	Location: End Abutment O	0				
	Explanation : Backwall On	•				
Brngs,Ancr Blts,Pads	Explanation : Backwall On	y Ai Ena Abuimeni.				
Not Accessible	100%					D
Footings	10070					
Not Accessible	100%					D
Joint with Deck	10070					
Generic	100%	LIFE	* *			В
Pedestals						
Concrete	100%	LIFE	* *			A
Stem (breastwall)						
Concrete	100%	LIFE	* *			В
Wingwalls						
Footings						
Not Accessible	100%					D
Walls						
Concrete	100%	LIFE	* *			C
	Other Observation, Extent : I					
	Location : End Approach C					
Construction of the construction	Explanation: Wingwall Is A	At The Ena Approach Only.				
Stream Channel Bank Protection						
Riprap	100%	LIFE	* *			C
Sheet Piling	100%	LIFE	* *			C
Mat (scour & erosion)	10070					
Not Accessible	100%					D
Pier Protection	200,0					
Timber	100%	LIFE	* *			В
Approaches						
Pavement						
Asphalt	100%	2029	* *	4	\$33,200	C
	Other Observation, Extent : I	Light, Area Affected : 1%				
	Location: End Approach					
	Explanation : End Approac	h Asphalt.				
Concrete	100%	2038	* *	4		C
	Other Observation, Extent : I					
	Location: Begin Approach.					
	Explanation: Concrete App	proach Pavement.				
Curbs	1000	* ****				
Steel	100%	LIFE	* *			<u>A</u>
Guide Railing	1000/	2020	* *	4		
Concrete	100%	2038	* *	4		A

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2477

Bridge Structure	Current Repair	Future Replace	eplacement Mai		aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimate FY	d Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches						
Sidewalks						
Concrete	100%	LIFE	* *			С
Piers						
Cap Beam	1000/	LIDE	* *			
Concrete	100% Other Observation, Extent: Light, A Location: Pier 5 Only.	LIFE Area Affected : 1%	* *			A
	Explanation : Pier 5 Concrete Cap	pbeam Only.				
Steel	100% Other Observation, Extent: Light, A Location: Piers 6 & 7 Only.		* *	2-8	\$98,800	A
Dian Calaman	Explanation : Steel Capbeam At P	riers o & / Only.				
Pier,Columns Concrete	100% Other Observation, Extent: Light, A Location: Pier 5 Only. Explanation: Concrete Columns	LIFE Area Affected : 1%	* *			В
Steel	100% Other Observation, Extent: Light, A Location: Piers 6 & 7 Only. Explanation: Steel Columns.	LIFE Area Affected : 1%	* *	2-8	\$147,100	В
Stem,Solid Pier	*					
Concrete	100%	LIFE	* *			В
Brngs,Ancr Blts,Pads Steel	100%	LIFE	* *	2-8	\$16,100	A
Footings Not Accessible	100%					D
Mat (scour & erosion) Not Accessible	100%					D
Pedestals Concrete	100% Other Observation, Extent: Light, A Location: Piers 1, 2, 3, 4 & 5. Explanation: Concrete Pedestal	LIFE Area Affected : 1%	* *			В
Steel	100% Other Observation, Extent: Light, A Location: Piers 6 & 7. Explanation: Steel Pedestal.	LIFE Area Affected : 1%	* *			В
Deck Elements						
Curbs						
Steel	100%	LIFE	* *			A
Gratings Steel	100% Other Observation, Extent: Light, A Location: Spans 2, 3 & 4.	LIFE Area Affected : 1%	* *			A
	Explanation : Steel Grating On Si	dewalk.				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2477

Bridge Structure	Current Repair	pair Future Replacemen		M		
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements						
Guide Railing						
Steel	100%	LIFE	* *			A
Railings/Parapets	1000/		ale ale	• •	\$54.000	
Steel	100%	LIFE	* *	2-8	\$64,800	A
Sidewalks Concrete	100%	2033	* *	5		C
Concrete	Other Observation, Extent: Light, A.			3		С
	Location: Spans 1, 2, 4 Thru. 8.	reu Ajjecieu . 170				
	Explanation: Concrete Sidewalk.					
Steel	100%	2051	* *	2-8		С
Sicci	Other Observation, Extent: Light, A. Location: Span 3 Explanation: Steel Plate			2-0		C
Wearing Surface	Explanation : Steet Flate					
Asphalt	100%	2029	* *	5		C
Азрнан	Other Observation, Extent : Light, A. Location : Spans 1, 5 Thru. 8.	rea Affected : 1%		3		C
Comments	Explanation : Asphalt Wearing Sur		* *	-	ф0 7 соо	-
Concrete	100% Other Observation, Extent: Light, A. Location: Spans 2 & 4. Explanation: Asphalt Wearing Sur			5	\$87,600	С
Steel Grating	100% Other Observation, Extent: Light, A. Location: Span 3. Explanation: Steel Grating	LIFE rea Affected : 1%	* *	5	\$119,100	С
Superstructure						
Deck,Structural						
Concrete	100% Other Observation, Extent: Light, A. Location: Spans 1, 2, 4 Thru. 8. Explanation: Concrete Deck.	LIFE rea Affected : 1%	**	5	\$33,000	A
Steel Grating	100% Other Observation, Extent: Light, A. Location: Span 3. Explanation: Steel Grating Deck.	LIFE rea Affected : 1%	* *	5		A
Joints						
Steel Finger Joints	100% Other Observation, Extent: Light, A. Location: Pier 3.	2060 rea Affected : 1%	* *			С
	Explanation : Steel Finger Joint.					
Generic	100%	LIFE	* *			С
Primary Member Steel	100%	LIFE	* *	2-8	\$1,157,900	A
Secondary Member Steel	100%	LIFE	* *	2-8	\$993,500	В

Movable Bridges

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

 ${\it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2477

Bridge Structure		Current Repair	Futur	e Replacement	Maintenance	
System Component Type	% of 1 Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Movable Bridges						
Vertical Lift Span						
Steel	100%		LIFE	* *		A
Vertical Lift Tower						
Steel	100%		LIFE	* *		A
Vertical Lift Pier						
Concrete	100%		LIFE	* *		A

Bridge Electrical		Current Repa	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical	•							
Communications								
Generic	100%			2025	\$31,900			В
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	* *			В
Disconnect Switch Non Fused	100%			2045	* *			В
Limit Switch								
Lever	100% Other Obs		\$300 nt : Light, Area	2025 Affected	\$16,800			В
		: Sw And Nw		11,500100	. 2370			
			ated Switches St	icking.				
Local Starter								
Magnetic	100%			2045	* *			В
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2030	* *			В
Ground Rod								
Not Accessible	100%							D
Ground Wire								
Green	100%			2030	* *			В
Lightning Terminals Not Accessible	100%							D
Raceway								
Wiring								
Generic	100%			2030	* *			В
Stand-by Power								
Generator								
Diesel	100%			2045	* *			В
Transfer Switch								
Auto	100%			2045	* *			В
Traffic System Electrical								
Traffic Signal	105							_
Generic	100%			2025				В
Lighting								

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2477

Bridge Electrical	Curre	nt Repair F	Future I	Replacement	Maintenance	
System Component Type	% of Fail D Total (Year		Year E FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Lighting Lighting Devices						
Generic Generic	100%	20	030	* *		В

idge Mechanical		Current Rep	air	Futur	e Replacement	Ma	aintenance	
stem Component Type		Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
tical Lift	'			•				•
Buffers								
Generic	100%			2040	* *			В
CTRWT Ropes & Guides Generic	Other Obser	Now rvation, Exte Guide Rails	\$16,100 ent : Light, Area	2065 a Affected	**!:2%			В
	Explanatio Lubricant	on : Old Lub	ricant On Some	e Rails. So	ome Rails Are Pair	ited And S	Some Have No	
Counter Weight	<u></u>							
Auxiliary CTRWT	100%			2065	* *			В
Main CTRWT	100%	0-2	\$56,800	2065	* *			В
		rvation, Exte Top Of Cwt	ent : Light, Area s	ı Affected	! : 5%			
	Explanatio	on : Pigeon I	Droppings On A	And Aroui	nd Top Of Cwts			
Elevators								
Generic	Other Obser	Now rvation, Exte East & Wes	\$27,300 ent : Light, Area et Towers	2040 a Affected	* *!			В
	-	on : No Oper ic. Need To		erved. Ele	evator Operation V	Was Repo	rted To Be	
Emergency Drive								
Emergency Power	100%			2065	* *			В
			nt : Light, Area	ı Affected	! : 2%			
		Machinery .			<i>m</i>	14 B		
	-	-	ation Observed , Run And Test	l. Actuato	or Trunnion Mount	May Req	uire Adjustment.	
End Locks With Motor	Other Obser	Now rvation, Exte Tower Piers	\$17,300 ent : Moderate,	2065 Area Affe	* * ected : 5%			В
			ck Not Accessib l Not Fully Driv		East Lock Had Min	imal Clea	rance On The	
Fuel Tanks								
Generic		rvation, Exte	\$300 Int : Light, Area Generator Room		* *!: 2%			В
		on : Wire Ha			f Fitting. Some Are	eas Of Tai	nk/ Frame Do Not	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 2477

ridge Mechanical	Current Repa	nir Fut	ure Replacement	Maintenance	
rstem Component Type	% of Fail Date Est Total (Years)	timated Cost Yea	r Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
rtical Lift					
Houses					
Access Ways	20% Now Other Observation, Exten Location : Access To Lo Explanation : Accesswa	ocks	ed : 5%	Would Not Open. Repairs	В
	Needed.				
Access Ways	80% Now Other Observation, Exten Location : Tower Acces				В
	Explanation : Tops Of T And Missing Safety Cha	•	U	oppings. Corroded Grating	
Control House	100%	2065	* *		В
Main Drive System					
Generic	30% Now Other Observation, Exten Location : Machinery R Explanation : Minor Lu Of Covers	cooms	ed : 1%	Cover Bolts. Slight Rubbing	В
Generic	70%	2065	* *		В
Sheaves	7070	200.)		D
Generic	100% Other Observation, Exten Location : Sheaves	2065 at : Light, Area Affecto			В
	Explanation : Nw Sheav Monitored On All Sheav		oise During Operati	on. Noise Should Be	
Live Load Supports Generic	100%	2040	**		В
Traffic Devices Barrier Gate	100% Now Other Observation, Exten				В
	Location : Barrier Gate Explanation : Missing (Slippage Of West Cwt F	Gate Arm Locking Lat		Loose Locking Nut. Past	
Warning Gate	100% 0-2 Other Observation, Exten Location: Warning Gas Explanation: Adjustme.	tes	ed : 1%		В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : THIRD AVE. BRIDGE RAMP TO BRUCKNER BLVD/RELIEF

Address : HARLEM RIVER, HARLEM RIV DR.

Borough : MANHATTAN:BX. Agency's Number : N/A
Program / Asset # : DOT0041.0A0 / 4320 Yr Built/Renovated : 2006 /

Area Sq Ft : 11,100 Project Type : WATERWAY BRIDGES

Date of Survey : 04-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 224006A

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$261,300	\$1,123,600
Total	\$261,300	\$1,123,600
Priority A	\$151,400	\$109,900
Priority B	\$109,900	\$109,900
Priority C		\$903,800
Total	\$261,300	\$1,123,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$65,900		\$22,000	
Total	\$65,900		\$22,000	
Priority A	\$36,700		\$11,000	
Priority B	\$20,000		\$11,000	
Priority C	\$9,300			
Total	\$65,900		\$22,000	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 THIRD AVE. BRIDGE RAMP TO BRUCKNER BLVD/RELIEF

Asset #: 4320

Bridge Structure	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals Concrete	100%		LIFE	* *			A
Backwall							
Concrete	100%		LIFE	* *			C
Brngs,Ancr Blts,Pads							
Elastomeric	100%		2055	* *			A
Footings							
Not Accessible	100%						D
Joint with Deck							
Generic	100%		LIFE	* *			В
Pedestals	1000/		LIDE	ماه ماه			
Concrete	100%		LIFE	* *			<u>A</u>
Stem (breastwall)	1000/		LIEE	* *			D
Concrete	100%		LIFE	* *			В
Wingwalls							
Footings Not Accessible	100%						D
Piles	10070						<u> </u>
Not Accessible	100%						D
Walls	10070						
Concrete	100%		LIFE	* *			C
Approaches	10070						
Pavement							
Asphalt	100%		2026	* *	4		C
-	Other Observation,	Extent : Light, Area	Affected	: 100%			
	Location: End Ap	proach					
	Explanation: Rela	ief Joint Between Ap	proach S	lab And Bridge De	eck		
Concrete	100% 4+	\$9,300	2038	* *	4	\$21,300	С
	Cracks, Extent: Lig	ght, Area Affected : 1	1%				
	Location: End Ap	proach Slab					
Curbs							
Concrete w/ Steel Face	100%		LIFE	* *			A
Railings/Parapets							
Concrete	100%		2034	* *			A
Piers							
Cap Beam							
Concrete	100%		LIFE	* *			A
Pier, Columns	1000/		LIDE	ماه ماه			ъ
Concrete	100%		LIFE	* *			В
Stem, Solid Pier	1000/		TIPE	* *			D
Concrete	100%		LIFE	* *			В
Brngs, Ancr Blts, Pads	1000/		2055	* *			A
Elastomeric	100%		2055	-1- 1-			A
Footings Not Accessible	100%						D
Pedestals	100%						<u> </u>
Pedestals Concrete	100%		LIFE	* *			В
Concrete	10070		LIFE				ם

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 THIRD AVE. BRIDGE RAMP TO BRUCKNER BLVD/RELIEF

Asset #: 4320

Bridge Structure	Curren	Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years	te Estimated Cost	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers							
Piles							
Not Accessible	100%						D
Deck Elements							
Mono Deck Surface							
Concrete	100%		2055	* *	5	\$903,800	C
Railings/Parapets							
Concrete	100%		2040	* *	4		A
Superstructure							
Deck,Structural							
Concrete	100% 4+	\$41,600	LIFE	* *	5	\$14,100	A
	Efflorescence, Exte Location : Throug	nt : Light, Area Affeo ghout	cted : 2%				
	Other Observation,	Extent : Light, Area	Affected: 10	00%			
	Location : All Spe	ıns, Except At Deck	Overhangs				
	Explanation: Sta	y-In-Place Forms Us	ed With Con	crete Deck			
Joints							
Generic	100%		LIFE	* *			C
Primary Member							
Steel	100%		LIFE	* *	2-8	\$351,700	A
Secondary Member							
Steel	100%		LIFE	* *	2-8	\$301,800	В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER

Address : HARLEM RIVER, HARLEM RIV DR.

Borough : MANHATTAN:BX. Agency's Number : N/A
Program / Asset # : DOT0041.090 / 4319 Yr Built/Renovated : 2005 /

Area Sq Ft : 79,900 Project Type : WATERWAY BRIDGES

Date of Survey : 18-May-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240069

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$299,500	\$2,032,000
Bridge Electrical		\$226,200
Total	\$299,500	\$2,258,200
Priority A		\$941,700
Priority B		\$1,017,000
Priority C	\$299,500	\$299,500
Total	\$299,500	\$2,258,200

Total	\$51,800	\$27,700	\$168,000	\$1,200
Priority C		\$23,100		
Priority B	\$51,800	\$1,200	\$80,500	\$1,200
Priority A		\$3,400	\$87,500	
Total	\$51,800	\$27,700	\$168,000	\$1,200
Bridge Mechanical	\$48,600			
Bridge Electrical	\$3,200	\$1,200	\$1,200	\$1,200
Bridge Structure		\$26,500	\$166,800	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4319

Bridge Structure	Cı	ırrent Repair	Futur	e Replacement	М	aintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals							
Concrete	100%		LIFE	* *			A
Backwall							
Concrete	100%		LIFE	* *			C
Brngs,Ancr Blts,Pads							
Elastomeric	100%		2052	* *			<u>A</u>
Footings							_
Not Accessible	100%						D
Joint with Deck							_
Generic	100%		LIFE	* *			В
Mat (scour & erosion)	100-						_
Generic	100%		LIFE	* *			В
Pedestals	100-						
Concrete	100%		LIFE	* *			<u>A</u>
Stem (breastwall)	100-			de de			_
Concrete	100%		LIFE	* *			В
Walls	100-			de de			
Concrete	100%		LIFE	* *			A
Wingwalls							
Footings	1000/						ъ
Not Accessible	100%						D
Mat (scour & erosion)	1000/		LIPE	* *			
Earth	100%		LIFE	* *			C C
Generic	100%		LIFE				
Piles	1000/						D
Not Accessible	100%						D
Walls	1000/		LIPP	* *			C
Concrete	100%		LIFE				С
Stream Channel Bank Protection							
Concrete	100%		LIFE	* *			С
	100%		LIFE				
Mat (scour & erosion) Not Accessible	100%						D
Pier Protection	100%						<u> </u>
Timber	100%		LIFE	* *			В
Approaches	10070		LIIL				
Pavement							
Concrete	100%		2037	* *	4	\$69,200	C
Embankment	10070		2037			Ψ07,200	
Earth	100%		LIFE	* *			C
Generic	100%		LIFE	* *			C
Guide Railing	100/0						
Concrete	100%		2037	* *	4	\$10,300	A
Steel	100%		LIFE	* *	2-8	\$18,700	A
Mat (scour & erosion)	10070					410,700	
Earth	100%		LIFE	* *			A
17011111	100/0						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4319

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance		
System Component Type		Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches								
Pavement Base								
Not Accessible	100%						D	
Sidewalks								
Concrete	100%		LIFE	* *			C	
Piers								
Cap Beam								
Concrete	100%		LIFE	* *			A	
Pier, Columns								
Concrete	100%		LIFE	* *			В	
Stem,Solid Pier								
Concrete	100%		LIFE	* *			В	
Deck Elements								
Guide Railing								
Concrete	100%		2042	* *			A	
Steel	100%		LIFE	* *			A	
Mono Deck Surface								
Concrete	100%		2052	* *	5	\$336,300	C	
Railings/Parapets								
Steel	100%		LIFE	* *	2-8	\$215,400	A	
Wearing Surface								
Concrete	100%		2037	* *	5	\$262,700	C	
Superstructure								
Deck,Structural								
Concrete	100%		LIFE	* *	5	\$80,100	A	
Joints								
Steel	100%		LIFE	* *			C	
Generic	100%		LIFE	* *			C	
Primary Member								
Steel	100%		LIFE	* *	2-8	\$1,477,100	A	
Secondary Member								
Steel	100%		LIFE	* *	2-8	\$1,237,400	В	
Movable Bridges								
Swing Span Truss								
Steel	100%		LIFE	* *			A	
Swing Span Pivot Pier								
Concrete	100%		LIFE	* *			A	

Bridge Electrical	Current Re	epair Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date 1 Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Communication Electrical					
Intercom					
Generic	100%	2022	\$14,000		В
Telephone					
Desk Top	100%	2022			В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4319

Bridge Electrical		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical								
Jack	100-							_
Telephone	100%			2022				В
Control System Electrical								
Computer	100/	M	¢1 400	2022	¢2.400			D
PLC	10%	Now	\$1,400 Extent : Severe, Are	2022	\$2,400			В
		ervanon, E : Plc Cabi		а Ајјесте	a: 100%			
			Processor Has No I	Dla Drag	ram			
DI C		non . One i	rocessor rius no i					D.
PLC	90%			2022	\$21,600			В
Control Console	1000/			LIPP	* *			D
Stainless Steel	100%			LIFE	* *			В
Control Devices	1000/			20.42	* *			D
Relay	100%			2042	* *			В
Disconnect Switch	1000/			20.42	* *			D
Non Fused	100%			2042				В
Limit Switch	1000/			2022	\$2.200			D
Lever	100% 100%			2022	\$3,300			B B
Rotary Local Starter	100%			2022				D
	100%			2042	* *			В
Magnetic	100%			2042				D
Orive Grating Motor								
Generic	100%			2052	* *			В
Generic		ervation. F	Extent : Light, Area		! : 100%			Ь
		: Machine		11,,, 00,000	. 100,0			
			ng Motor Used In	Place Of	Main Motor.			
Machinery Brake	1		8	<u></u>				
Thruster	100%			2052	* *			В
Motor Brake								
Thruster	100%			2052	* *			В
Span Lock Motor								
Generic	90%			2052	* *			В
		ervation, E	Extent : Light, Area		! : 100%			
	Location	: Span Loc	cks					
	Explana	tion : Span	Locks Used For En	nd Lifts I	Description.			
Generic	10%	Now	\$500	2052	* *			В
					ected : 30%			
		: Span Loc		55				
		-	End Lift Motor Jur	action Bo	ox Broken			
Wedge Motor			-					
Generic	100%			2052	* *			В
Electrical Power								
MCC								
Generic	100%			2042	* *			В
PanelBoard								
Circuit Breaker	100%			2042	* *	1	\$6,700	В
Wedge Motor Generic Electrical Power MCC Generic PanelBoard	Other Obs Location Explana 100%	ervation, E : Span Loc	Extent : Moderate, A cks	Area Affe action Bo 2052 2042	**	1	\$6,700	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4319

Bridge Electrical		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Electrical Power							
Transfer Switch							
Auto	100%		2042	* *			В
Transformer							
Dry	100%		2042	* *			В
Exterior Lighting							
Lighting Contactor							
Generic	100%		2042	* *	1	\$5,600	В
Lighting Fixture							
HID	100%		2022	\$6,100			В
Spot Lighting							
Generic	100%		2022				В
Ground/Lightning Protection							
Ground Bus							
Copper	100%		2027	* *			В
Ground Rod							
Not Accessible	100%						D
Ground Wire							
Green	100%		2027	* *			В
Interior Lighting							
Exit Lighting							
Battery Operated	100%		2027	* *			В
Lighting Fixture							_
Incandescent	100%		2022	\$3,100			В
Navigation Lighting							
Fender Lighting	1000/		2022	Φ0. 7 00			
Incandescent	100%		2022	\$8,500			В
Pier Lighting	1000/		2022	Φ2 000			ъ
Incandescent	100%		2022	\$2,800			В
Span Lighting	1000/		2022	Φ. 6.000			ъ
Incandescent	100%		2022	\$6,800			В
Raceway							
Box	1000/		2022	* *			D
Pull Junction Terminal	100% 100%		2032 2032	* *			B B
Conduit	100%		2032				Б
Conduit Metal	100%		2062	* *			В
Submarine Control Cables	100%		2002				D
Control Cables	100%		2027	* *			В
Submarine Power Cable	10070		2021				ъ
Power Cable	100%		2027	* *			В
Trough	100%		2021				ע
Metal	100%		2062	* *			В
Wires	100%		2002	•			ט
Thermoplastic	100%		2042	* *			В
Span Lock	100%		2042	•			ע
Motor							
Squirrel Cage	100%		2037	* *			В
Squirrer Cage	100/0		2031				ע

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4319

Bridge Electrical		Current Repair	Futur	e Replacement	Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Stand-by Power						
Transfer Switch						
Auto	100%		2042	* *		В
Traffic System Electrical						
Barrier Gate Lighting						
Incandescent	100%		2022	\$14,200		В
Traffic Gate Lighting						
Incandescent	100%		2022	\$14,200		В
Traffic Gong						
Generic	100%		2022	\$7,300		В
Traffic Sign						
Fixed	100%		2022			В
Traffic Signal			•			
Generic	100%		2022	\$226,200		В

idge Mechanical	Current Rep	air 	Future	Replacement	Maintenance	
stem Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priorit Cod
ng						
Center Latch						_
Generic	50% Now	\$4,200	2062	**		В
	Other Observation, Exte		Area Affec	eted : 5%		
	Location: West Rest P			_		
	Explanation: West Lat	tch Does Not W				
Generic	50%		2062	* *		В
Center Lift						
Generic	100% 0-2	\$22,100	2062	* *		В
	Other Observation, Exte	nt : Light, Area	Affected .	: 2%		
	Location : North & Soi	ıth Center Wed	ges			
	Explanation : Minor C Low Level	orrosion And L	ubricant I	Leakage. South Re	ducer Oil Gauge Shows	
Center Pivot/Rim Assemb	ly					
Center Pivot/Rim Assemb Generic	ly 100%		2062	* *		В
	•		2062	* *		В
Generic	•	\$1,800	2062	**		В
Generic Emergency Drive	100%	, ,	2062	**		
Generic Emergency Drive	100% 100% Now	nt : Light, Area	2062 Affected .	**		
Generic Emergency Drive	100% 100% Now Other Observation, Exte	nt : Light, Area House Platform	2062 Affected .	**		
Generic Emergency Drive	100% 100% Now Other Observation, Exte	nt : Light, Area House Platform	2062 Affected .	**		
Generic Emergency Drive Emergency Power	100% 100% Now Other Observation, Exte	nt : Light, Area House Platform	2062 Affected .	**		
Generic Emergency Drive Emergency Power End Lift	100% Now Other Observation, Exte Location: Machinery Explanation: Hydrauli	nt : Light, Area House Platform ic Engine Gener \$14,500	2062 Affected : rator Gua	* * : 1% rd Removed * *		В
Generic Emergency Drive Emergency Power End Lift	100% 100% Now Other Observation, Exte Location: Machinery Explanation: Hydraula 100% Now	nt : Light, Area House Platform ic Engine Gener \$14,500 nt : Light, Area	2062 Affected : rator Gua	* * : 1% rd Removed * *		В
Generic Emergency Drive Emergency Power End Lift	100% 100% Now Other Observation, Exte Location: Machinery I Explanation: Hydrauli 100% Now Other Observation, Exte	nt : Light, Area House Platform ic Engine Gener \$14,500 nt : Light, Area t Rest Piers	2062 Affected : rator Gua 2062 Affected :	* * : 1% rd Removed * *	Of Debris And Minor	В
Generic Emergency Drive Emergency Power End Lift	100% 100% Now Other Observation, Exte Location: Machinery I Explanation: Hydrauli 100% Now Other Observation, Exte Location: East & West Explanation: Brakes K	nt : Light, Area House Platform ic Engine Gener \$14,500 nt : Light, Area t Rest Piers	2062 Affected : rator Gua 2062 Affected :	* * : 1% rd Removed * *	Of Debris And Minor	В

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER

Asset #: 4319

Bridge Mechanical	Current Rep	pair	Future R	Replacement	M	aintenance			
system Component Type	% of Fail Date E Total (Years)	Estimated Cost	Year E FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
wing									
Houses									
Access Ways	100% Now	\$4,400	2062	* *			В		
		Other Observation, Extent : Light, Area Affected : 2%							
	Location : East & Wes	st Rest Piers							
	Explanation: Hatches	s At Rest Pier En	d Lift Need	To Be Repaired	l				
Control House	100%		2062	* *			В		
Machinery Room	100%		2062	* *			В		
Main Drive System									
Generic	100%		2062	* *			В		
	Other Observation, Ext	ent : Light, Area	Affected: 1	1%					
	Location : Center Of S	Swing Span							
	Explanation : Breathe	ers Will Need To	Be Change	d Soon. Small S	queak Fr	om Tach Switch.			
Live Load Supports									
Generic	100%		2037	* *			В		
Traffic Devices									
Barrier Gate	100% Now	\$1,300	2037	* *			В		
	Other Observation, Ext	ent : Severe, Are	a Affected :	1%					
	Location : East & Wes	st Barrier Gates							
	Explanation : Loose C	Crash Gate Wire	Anchor Bas	se Nuts					
Warning Gate	75%		2037	* *			В		
Warning Gate	25% Now	\$300	2037	* *			В		
· · · · · · · · · · · · · · · · · · ·	Other Observation, Exte			ed : 5%			-		
	Location : North East		33						
	Explanation : Broken	Guv Wire							

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD

Address : WESTCHESTER CREEK

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0140.000 / 4244 Yr Built/Renovated :

Area Sq Ft : 4,900 Project Type : WATERWAY BRIDGES

Date of Survey : 23-May-2014 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 1066510

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$3,085,300	\$51,400
Bridge Electrical	\$1,584,900	\$209,400
Bridge Mechanical	\$1,373,600	
Total	\$6,043,800	\$260,900
Priority A	\$2,786,000	\$51,400
Priority B	\$3,257,800	\$209,400
Total	\$6,043,800	\$260,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$109,500	_	\$4,500	
Bridge Electrical	\$33,500			
Bridge Mechanical	\$91,100			
Total	\$234,200		\$4,500	
Priority A	\$44,100		\$800	
Priority B	\$163,100			
Priority C	\$26,900		\$3,700	
Total	\$234,200		\$4,500	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4244

Abutments Footings Not Accessible Joint with Deck Generic 100% Total (Ye	Extent : Moderate, Area	FY LIFE	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Not Accessible 100% Joint with Deck Generic 100% 0-	Extent : Moderate, Area					
Not Accessible 100% Joint with Deck Generic 100% 0-	Extent : Moderate, Area					
Generic 100% 0-	Extent : Moderate, Area					D
Joints Missing,			* *			В
Location : Be	ин лиштеш	Affected :	20%			
Leakage, Exten	: : Severe, Area Affected Begin Abutment Stem	: 20%				
Mat (scour & erosion)	segui Houimeni siem					
Earth 100%		LIFE	* *			В
Stem (breastwall)						
Concrete 100% 4	\$132,800	LIFE	* *			В
Cracking/Crum	bling, Extent : Moderate	e, Area Affe	ected : 15%			
Location : Beg	gin Abutment					
	Extent : Moderate, Ared	ı Affected :	5%			
Location : Beg	•					
	: Moderate, Area Affec	ted : 10%				
Location : Beg	gin Abutment					
Walls						
Concrete 100%		LIFE	* *			A
Stream Channel						
Bank Protection						
Riprap 100%		LIFE	* *			C
Mat (scour & erosion)						_
Not Accessible 100%						D
Pier Protection						_
Location : Pie	Element, Extent : Sever rs 8 & 9.		* * fected : 70%			В
Rotted, Extent : Location : Pie	Severe, Area Affected : rs 8 & 9.	50%				
Approaches Pavement						
Asphalt 100%		2026	* *	4	\$7,400	C
Other Observat Location : End	ion, Extent : Light, Area l Approach Only. End Approach Only.		100%	·	Ψ1,100	
Curbs	Ena ripproden omy.					
Concrete 100%		LIFE	* *			A
Concrete w/ Steel Face 100%		LIFE	* *			A
Other Observat Location : Lef	ion, Extent : Light, Area t Side End Approach Left Side End Approach	Affected :	1%			-
	Left Side End Approach	:				
Embankment Earth 100%		LIFE	* *			С
Guide Railing Steel 100%		LIFE	* *	2-8	\$9,300	A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4244

ridge Structure	Current Repair	Future R	Future Replacement Maintenance				
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Es FY	timated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod	
proaches							
Mat (scour & erosion)							
Earth	100%	LIFE	* *			A	
Sidewalks	1000		ماد ماد			~	
Concrete	100%	LIFE	* *			C	
rs Con Door							
Cap Beam Concrete	65%	LIFE	* *			۸	
Concrete	35% 0-2 \$140,300	LIFE	* *			A A	
Concrete	Leakage, Extent: Severe, Area Affected					А	
	Location: At Cap Beam 1,3,5,7,10,12						
	Spalling, Extent : Moderate, Area Affect						
	Location: Cap Beams 12,14,16 Right						
	Other Observation, Extent : Moderate,		d : 1%				
	Location: Piers 1, 3, 5, 7, 10, 12, 14,						
	Explanation : Cap Beams Spalling Ar	ıd Cracking					
Pier,Columns	1 1 0						
Concrete	70%	LIFE	* *			В	
Concrete	30% 0-2 \$78,300	LIFE	* *			В	
	Cracks, Extent : Moderate, Area Affect	ed : 20%					
	Location: Piers 1, 3, 7, 13, 14, & 16						
	Exposed Reinforcement, Extent: Mode	rate, Area Afj	fected : 20%				
	Location: Piers 1, 3, 7, 13, 14, & 16						
	Spalling, Extent : Moderate, Area Affec	cted : 20%					
	Location: Piers 1, 3, 7, 13, 14, & 16						
Stem,Solid Pier	1000		ماد ماد				
Concrete	100%	LIFE	* *			В	
Brngs,Ancr Blts,Pads	1000/	TIPE	* *	2.0	¢12.400		
Steel	100%	LIFE		2-8	\$13,400	A	
	Other Observation, Extent : Light, Area Location : Spans 7, 8, 9, 10 & 15.	и Ајјестеа . Т	/0				
	Explanation: Spans 7, 8, 9, 10 & 15.						
Footings	Explanation : Spans 7, 6, 7, 10 & 15.						
Not Accessible	100%					D	
Mat (scour & erosion)	20070						
Earth	100% 0-2 \$5,400	LIFE	* *			A	
** *	Erosion, Extent : Severe, Area Affected						
	Location: Under Spans 10, 11, 12 &	14					
Pedestals							
Concrete	100% 0-2 \$17,300	LIFE	* *			В	
	Other Observation, Extent : Light, Area	a Affected : 1	%				
	Location: Pier 9						
	Explanation: Pier 8 & 9						

Deck Elements

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4244

Cristom							
System Component Type	% of Fail Date Es Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements							
Curbs							
Concrete	100%	4000	2045	* *			A
Concrete w/ Steel Face	100% Now	\$800	LIFE	**			A
	Other Observation, Exte		Area Affec	ctea : 2%			
	Location : Span 17 Lej Explanation : Steel Pla		d Abutmar	a.t			
Median	Explanation . Steel Fit	ile Loose Ai End	ı Abulmer	и.			
Concrete	100%		LIFE	* *	5	\$800	A
Mono Deck Surface	10070		LIITE		<u> </u>	ψ600	Λ
Concrete	90%		2035	* *	5	\$26,600	С
Concrete	Other Observation, Exte	nt : Light, Area		: 1%	5	Ψ20,000	C
	Location : Spans 6 - 8	_		, ;			
	Explanation : Spans 6						
Concrete	10% 2-4	\$1,300	2035	* *	5	\$13,300	С
Concrete	Cracks, Extent : Modera				5	Ψ13,500	C
	Location: Spans 6, 7,						
	Other Observation, Exte	nt : Moderate, A	Area Affec	cted : 20%			
	Location: Spans 6, 7,	8, 10 Thru. 12					
	Explanation : Numero	us Patched Poth	oles,				
Railings/Parapets							
Concrete	100%		2040	* *	4		A
Steel	95%		LIFE	* *	2-8	\$6,900	A
Steel	5% 4+	\$300	LIFE	* *	2-8	\$4,300	Α
	Corrosion, Extent: Mod Location: Spans 8 & 1		ected : 159	%			
Sidewalks							
Asphalt	100% Now	\$900	2020	\$4,400	4	\$2,200	C
	Other Observation, Exte	nt : Moderate, A	Area Affec	cted : 20%			
	Location : Span 9						
	Explanation: Missing	Asphalt Pavers.					
Concrete	90%		2030	* *	5	\$600	C
Concrete	10% 4+	\$200	2030	* *	5	\$300	C
	Cracks, Extent: Light, A		10%				
	Location: Spans 8, 13,	, 14, & 16.					
Wearing Surface	0.004		2026	de de	_	Φ. σ. ο ο ο	~
Asphalt	90%	Φ200	2026	* *	5	\$6,000	C
Asphalt	10% 0-2	\$300	2030	**	5	\$3,000	C
	Other Observation, Exte			ctea : 25%			
	Location: Spans 5 Lef			tale an			
Superstructure	Explanation: Potholes	Ana Uneven A.	<i>ърпан</i> Раг	ucnes			
Deck,Structural							
Concrete	100% 4+	\$176,300	LIFE	* *	5	\$5,500	A
Concrete	Spalling, Extent: Moder				3	Ψ5,500	. 1
	Location : Spans 8, 10		== , 0				

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4244

Bridge Structure	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure							
Joints							
Steel	60%		LIFE	* *			C
Steel	40% Now	\$21,200	LIFE	* *			C
	Broken/Missing Ele			Affected : 60%			
	•	,3,5,7,10,12,14 And					
	Leakage, Extent : M			6			
	Location : Spans 1	,3,5,7,10,12,14 And	16				
Primary Member	= 0				_		
Concrete	70%		LIFE	* *	5	\$51,400	A
Concrete	30% 2-4	\$348,200	LIFE	* *	5	\$25,700	Α
	Cracks, Extent : Mo Location : Spans I	derate, Area Affecte Thru 7 And 11 Thr					
	Exposed Reinforcen	ient, Extent : Moder	ate, Area	a Affected : 20%			
	Location: Spans I	Thru 7 And 11 Thr	и. 17				
	Spalling, Extent: M	oderate, Area Affec	ted : 20%	6			
	Location: Spans I	Thru 7 And 11 Thr	и. 17				
Secondary Member							
Not Accessible	100%						D
	Other Observation,	Extent : Light, Area	Affected	!: 0%			
	Location:						
	Explanation : Spa	ns 8 & 10.					
Movable Bridges Bascule Span							
Steel	50%		LIFE	* *			A
Steel	50% 2-4	\$1,673,000	LIFE	* *			A
Steel	Other Observation,			ed: 25%			7.1
	Location : Span 9	2					
	•	l Section Loss And	Corrosio	n Holes, Cracked S	Steel Gra	ting Panel, Poor	
	Condition Of Righ		201105101	i Hotes. Crackea s	neer Gra	ing runer. roor	
Bascule Span Pier	<i>y</i> 0						
Concrete	100% 2-4	\$448,100	LIFE	* *			A
	Other Observation,	Extent : Moderate, .	Area Affe	ected : 20%			
	Location: Bascule	Span Piers					
	Explanation: Spa	lls And Cracks					

Bridge Electrical		Current Repa	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Es (Years)	timated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical								
Communications								
Generic	100%	Now	\$33,500	2025	\$33,500			В
	Other Obs	ervation, Exter	nt : Severe, Are	a Affecte	ed : 100%			
	Location	: Numerous L	ocations					
	Explanat	ion : System N	ot Operational					

Control System Electrical

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4244

Bridge Electrical		Current R	Repair	Futur	e Replacement	М	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Control System Electrical								
Control Console	400		*** 400					_
Stainless Steel	100%		\$53,400 Extent : Moderate,	LIFE	* * octod : 100%			В
		: On Cons		1110011990				
				cations L	o Not Illuminate,	Namepla	tes Barely Legible	
Disconnect Switch					·	-	, ,	
Generic	100%	4+	\$36,400	2045	* *			В
		servation, E. 1 : Various	xtent : Moderate,	Area Affe	ected : 50%			
	Explana	tion : Disco	nnect Switches Ar	e Not All	Operable			
Limit Switch								
Generic	100%	0-2	\$37,000	2045	* *			В
			xtent : Severe, Are	ea Affecte	ed : 100%			
			West Leaves	1 6	, , ,			
Electrical Power	Expiana	tion : Limit	Switch Housing S	everely C	orroaea			
Dist Equip & Motor Contro	11							
Generic General	100%	0-2	\$434,300	2045	* *			В
	Other Ob.	servation, E	xtent : Severe, Are	ea Affecte	ed: 100%			
	Location	: Electric l	Room					
	Explana	tion : Not O	Sha Compliant, N	o Replac	ement Parts Avail	able		
Raceway								
Submarine Control Cables	1000/							D
Not Accessible	100%							D
Wiring Generic	100%	0-2	\$937,600	2030	* *			В
Generic			xtent : Moderate,		ected : 60%			Ь
		: Various	,	33				
	Explana	tion : Cond	uit Is Corroded. W	iring Is I	Damaged.			
Traffic System Electrical								
Traffic Signal								_
Generic	100%	Now	\$39,300	2025	\$131,200			В
		_	, Extent : Moderai	te, Area A	Affected: 40%			
		: Approach	nes xtent : Light, Area	Affaatad	1.1000/			
		ervanon, E. 1 : Approacl	_	Ајјестеи	. 100%			
			Bulbs Need Repla	cement				
Lighting	Блрини	Some	zmos recu repu	Conti				
Lighting Devices								
Generic	100%	Now	\$46,900	2023	\$78,200			В
	Other Ob.	servation, E	xtent : Moderate,	Area Affe	ected : 60%			
		: Various						
	Explana	tion : Vario	us Service Lightin	g Fixture	s Are Broken/Mi	ssing		

Bridge 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

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4244

% of Fail Date F Total (Years) 100% Now Other Observation, Ext	Estimated Cost	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priorit Cod
	** * * * * * * * * * * * * * * * * * *				
	**				
Location: Counter W Explanation: Blocks	eights			cured	В
Location: Auxiliary I	Drives				В
	ration Observed	. Need To	Perform Mainten	ance, Repairs And Test	
	\$27.300	2028	* *		В
Other Observation, Ext Location : Manual Di	ent : Moderate, A ive Components	Area Affe		ings And Appears To Be	
Frozen					
100% Now	\$600	2030	* *		В
Other Observation, Ext Location : Operators	ent : Light, Area House	Affected	: 5%	Accessible	Б
Explanation : Stight L	eukuge Ivoieu O	пторти	iings, Boilom Noi	Accessible	
Location: Span Drive	Machinery	2028 Affected	**: 75%		В
Location : Center Loc	rks				В
				geon Droppings.	
Other Observation, Ext Location : Control An	ent : Light, Area ed Tender Houses	Affected s	: 5%	lot Cool Room.	В
Location : Machinery Explanation : Some B	Rooms			aced With Plywood. Some	В
1 18con Droppings.					
Location: Lock Bar M	<i>1achinery</i>			red In Debris. Corroded	В
	100% Now Other Observation, Ext. Location: Auxiliary I Explanation: No Ope Auxiliary Drive. 100% Now Other Observation, Ext. Location: Manual Dr Explanation: No Ope Frozen 100% Now Other Observation, Ext. Location: Operators Explanation: Slight I 80% 4+ Other Observation, Ext. Location: Span Drive Explanation: Mild Co 20% Now Other Observation, Ext. Location: Center Loc Explanation: Corrosi 100% Now Other Observation, Ext. Location: Control An Explanation: Some W 100% Now Other Observation, Ext. Location: Machinery Explanation: Some B Pigeon Droppings.	100% Now \$5,000 Other Observation, Extent: Moderate, A Location: Auxiliary Drives Explanation: No Operation Observed Auxiliary Drive. 100% Now \$27,300 Other Observation, Extent: Moderate, A Location: Manual Drive Components Explanation: No Operation Observed Frozen 100% Now \$600 Other Observation, Extent: Light, Area Location: Operators House Explanation: Slight Leakage Noted O 80% 4+ \$27,400 Other Observation, Extent: Light, Area Location: Span Drive Machinery Explanation: Mild Corrosion. 20% Now \$17,100 Other Observation, Extent: Severe, Are Location: Center Locks Explanation: Corrosion Of Access Pla 100% Now \$26,300 Other Observation, Extent: Light, Area Location: Control And Tender House. Explanation: Some Window Leak. Rep 100% Now \$7,200 Other Observation, Extent: Light, Area Location: Machinery Rooms Explanation: Some Broken Locks. Son Pigeon Droppings.	100% Now \$5,000 2028 Other Observation, Extent: Moderate, Area Affe Location: Auxiliary Drives Explanation: No Operation Observed. Need To Auxiliary Drive. 100% Now \$27,300 2028 Other Observation, Extent: Moderate, Area Affe Location: Manual Drive Components Explanation: No Operation Observed. Covered Frozen 100% Now \$600 2030 Other Observation, Extent: Light, Area Affected Location: Operators House Explanation: Slight Leakage Noted On Top Fit 80% 4+ \$27,400 2028 Other Observation, Extent: Light, Area Affected Location: Span Drive Machinery Explanation: Mild Corrosion. 20% Now \$17,100 2028 Other Observation, Extent: Severe, Area Affected Location: Center Locks Explanation: Corrosion Of Access Platforms A 100% Now \$26,300 2040 Other Observation, Extent: Light, Area Affected Location: Control And Tender Houses Explanation: Some Window Leak. Reported Th 100% Now \$7,200 2040 Other Observation, Extent: Light, Area Affected Location: Machinery Rooms Explanation: Some Broken Locks. Some Small Pigeon Droppings.	100% Now \$5,000 2028 ** Other Observation, Extent: Moderate, Area Affected: 20% Location: Auxiliary Drives Explanation: No Operation Observed. Need To Perform Mainten Auxiliary Drive. 100% Now \$27,300 2028 ** Other Observation, Extent: Moderate, Area Affected: 75% Location: Manual Drive Components Explanation: No Operation Observed. Covered In Pigeon Dropper Frozen 100% Now \$600 2030 ** Other Observation, Extent: Light, Area Affected: 5% Location: Operators House Explanation: Slight Leakage Noted On Top Fittings, Bottom Not. 80% 4+ \$27,400 2028 ** Other Observation, Extent: Light, Area Affected: 75% Location: Span Drive Machinery Explanation: Mild Corrosion. 20% Now \$17,100 2028 ** Other Observation, Extent: Severe, Area Affected: 40% Location: Center Locks Explanation: Corrosion Of Access Platforms And Covered In Pig 100% Now \$26,300 2040 ** Other Observation, Extent: Light, Area Affected: 5% Location: Control And Tender Houses Explanation: Some Window Leak. Reported That Ac Unit Does N 100% Now \$7,200 2040 ** Other Observation, Extent: Light, Area Affected: 2% Location: Machinery Rooms Explanation: Some Broken Locks. Some Small Floor Panels Repl Pigeon Droppings. 100% Now \$219,500 2028 ** Other Observation, Extent: Severe, Area Affected: 50% Location: Lock Bar Machinery Explanation: Not Accessible From Platform. Machinery Is Covery	Other Observation, Extent: Moderate, Area Affected: 20% Location: No Operation Observed. Need To Perform Maintenance, Repairs And Test Auxiliary Drive. 100% Now \$27,300 2028 ** Other Observation, Extent: Moderate, Area Affected: 75% Location: Manual Drive Components Explanation: No Operation Observed. Covered In Pigeon Droppings And Appears To Be Frozen 100% Now \$600 2030 ** Other Observation, Extent: Light, Area Affected: 5% Location: Operators House Explanation: Slight Leakage Noted On Top Fittings, Bottom Not Accessible 80% 4+ \$27,400 2028 ** Other Observation, Extent: Light, Area Affected: 75% Location: Span Drive Machinery Explanation: Mild Corrosion. 20% Now \$17,100 2028 ** Other Observation, Extent: Severe, Area Affected: 40% Location: Center Locks Explanation: Corrosion Of Access Platforms And Covered In Pigeon Droppings. 100% Now \$26,300 2040 ** Other Observation, Extent: Light, Area Affected: 5% Location: Control And Tender Houses Explanation: Some Window Leak. Reported That Ac Unit Does Not Cool Room. 100% Now \$7,200 2040 ** Other Observation, Extent: Light, Area Affected: 2% Location: Machinery Rooms Explanation: Some Broken Locks. Some Small Floor Panels Replaced With Plywood. Some Pigeon Droppings. 100% Now \$219,500 2028 ** Other Observation, Extent: Light, Area Affected: 50% Location: Lock Bar Machinery Explanation: Not Accessible From Platform. Machinery Is Covered In Debris, Corroded

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4244

ridge Mechanical	Current Repair	Future Replacement	Maintenance	
ystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
ascule				
Main Drive System				
Generic	100% Now \$328,400	2028 **		В
	Other Observation, Extent : Severe, Are Location : Machinery Room	a Affected : 10%		
	Explanation: One Brake Not Function Have Heavy Corrosion/Loss	ning. Lubricant Leakage. So	ome Corrosion. Some Bolts	
Rack				
Generic	100% 2-4 \$44,800 Other Observation, Extent: Light, Area Location: Racks	2040 ** Affected : 5%		В
	Explanation: Some Corrosion			
Live Load Supports				
Not Accessible	100%			D
Traffic Devices				
Barrier Gate	100% Now \$154,900 Other Observation, Extent : Severe, Are Location : Barrier Gates	2028 ** a Affected : 20%		В
	Explanation : Some Latches Missing C Required. One Bent Housing	Or Not Functioning. Some (Cracks On Gate Arm. Paint	
Warning Gate	100% Now \$48,100	2028 **		В
	Other Observation, Extent: Moderate, A	Area Affected : 20%		
	Location: Warning Gates			
	Explanation : Some Broken/missing H Required	ardware. Missing Covers (On Open Holes. Painting	
Trunnion				
Generic	100% Now \$533,400	2040 **		В
	Other Observation, Extent: Moderate, A	Area Affected : 10%		
	Location: Trunnions			
	Explanation: Machinery Covered In I Grease. Missing Limit Switch Gear Bo		d That It Is Difficult To	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : W 207 ST / UNIVERSITY HEIGHTS BR

Address : W 207 ST/W FORDHAM ROAD

Borough : MANHATTAN:BX. Agency's Number : N/A
Program / Asset # : DOT0139.000 / 4243 Yr Built/Renovated :

Area Sq Ft : 19,700 Project Type : WATERWAY BRIDGES

Date of Survey : 04-May-2010 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240120

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$37,100	\$463,000
Bridge Electrical	\$1,549,900	\$129,300
Bridge Mechanical	\$130,700	
Total	\$1,717,600	\$592,300
Priority A		\$183,200
Priority B	\$1,680,500	\$284,300
Priority C	\$37,100	\$124,800
Total	\$1,717,600	\$592,300

Total	\$146,200	\$33,700	\$47,000	\$3,000
Priority C	\$100	\$33,700	\$11,800	\$3,000
Priority B	\$138,800		\$16,500	
Priority A	\$7,300		\$18,700	
Total	\$146,200	\$33,700	\$47,000	\$3,000
Bridge Mechanical	\$59,400			
Bridge Electrical	\$61,500			
Bridge Structure	\$25,300	\$33,700	\$47,000	\$3,000
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 W 207 ST / UNIVERSITY HEIGHTS BR

Asset #: 4243

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals Masonry	100%		LIFE	* *			A
Backwall							
Masonry	100%		LIFE	* *			C
Brngs,Ancr Blts,Pads							
Steel	100%		LIFE	* *			A
Footings							
Not Accessible	100%						D
Joint with Deck							
Generic	100%		LIFE	* *			В
Pedestals							
Concrete	100%		LIFE	* *			A
Stem (breastwall)							
Masonry: Granite	100%		LIFE	* *			В
Wingwalls							
Footings	1000/						
Not Accessible	100%						D
Piles	1000/						
Not Accessible	100%						D
Walls	1000/			* *			~
Granite	100%		LIFE	* *			С
Stream Channel							
Bank Protection	1000/		LIDD	* *			C
Concrete	100% 100%		LIFE LIFE	* *			C C
Riprap Timber	100%		2029	* *			C
	100%		2029				
Mat (scour & erosion) Not Accessible	100%						D
Pier Protection	10070						D
Timber	85%		LIFE	* *			В
Timber	15%	0-2 \$17,800	LIFE	* *			В
Timoci		issing Element, Extent : Mode		ea Affected : 20%			Б
	Rotted, Ex Location	tent : Moderate, Area Affecte : Pier 3	d : 10%				
	Split/Dry/ Location	Cracked, Extent : Moderate, A : : Pier 3	Area Affe	cted : 15%			
Approaches							_
Pavement							
Concrete	100%		2034	* *	4	\$23,600	C
Curbs							
Concrete w/ Steel Face	100%		LIFE	* *			A
Guide Railing							
Steel	95%		LIFE	* *	2-8	\$5,800	A
Steel	5%	0-2 \$300	LIFE	* *	2-8	\$5,800	A
	_	Railing, Extent : Moderate, A	rea Affec	cted : 5%			
	Location	: Begin Right Approach					

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 W 207 ST / UNIVERSITY HEIGHTS BR

Asset #: 4243

ridge Structure		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Sidewalks								_
Concrete	95%			LIFE	* *			C
Concrete	5%	4+	\$100	LIFE	* *			C
			t, Area Affected : 2					
			le Of Sdwk. Overho	-	-			
			: Moderate, Area		: 10%			
	Location	ı : Undersia	le Of Sdwk. Overho	ing.				
Piers								
Cap Beam	400				de de			
Concrete	100%			LIFE	* *	• •		A
Steel	100%			LIFE	* *	2-8		A
Pier,Columns	400				de de	• •	***	_
Steel	100%			LIFE	* *	2-8	\$28,500	В
			ight, Area Affected	: 10%				
-	Location	ı : Pıer I						
Stem, Solid Pier	400				di di			_
Concrete	100%			LIFE	* *			В
Brngs, Ancr Blts, Pads								
Elastomeric	100%			2047	* *			Α
Steel	100%			LIFE	* *	2-8	\$65,200	A
Footings Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	* *			В
Steel	100%			LIFE	* *			В
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
			Extent : Light, Area	Affected	l : 100%			
		: Spans 1,						
		tion : Span	s 1, 2, & 5.					
Steel	100%			LIFE	* *			A
			Extent : Light, Area	Affected	l : 100%			
		: Spans 2						
	Explana	tion : Span	s 2 & 3					
Guide Railing								
Steel	95%			LIFE	* *			A
Steel	5%	4+	\$2,000	LIFE	* *			A
	_	Railing, Ex 1 : Span 4 L	tent : Moderate, A eft Side	rea Affeo	cted : 5%			
Mono Deck Surface	2000000	. Span i L						
Concrete	100%			2047	* *	5	\$67,500	C
	10070			_0.,			Ψ07,500	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 W 207 ST / UNIVERSITY HEIGHTS BR

Asset #: 4243

Bridge Structure	Current Repair	Future Replacemen	t N	<i>l</i> laintenance		
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimated Co FY	Ost Cycle (Yrs)	Estimated Cost	Priority Code	
Deck Elements						
Railings/Parapets	000/	LIEC	: *			
Cast Iron	90%	LIFE	: * : *		A	
Cast Iron	5% 4+ \$3,60 Corrosion, Extent : Severe, Area Af				A	
	Location: Right Pedestrian Railin	ng Spans 1- 5.				
Cast Iron	5% Now \$1,40 Broken/Missing Element, Extent : St Location : Spans 2 & 5.	O LILL	*		A	
Sidewalks						
Concrete	100%	2027	* * 5	\$6,000	C	
	Cracks, Extent: Light, Area Affecte	d: 10%				
	Location: Spans 1 & 5	A.CC . 1 100/				
	Efflorescence, Extent: Light, Area Location: Spans 1 & 5.	Affected: 10%				
Grating w/ Concrete	100%	2047	*		С	
	Other Observation, Extent: Light, A	Area Affected : 100%				
	Location: Spans 3 & 4.					
	Explanation: Spans 3 & 4.					
Wearing Surface	1000/	2025 007.7	20 5	¢1.000	C	
Asphalt	100%	2025 \$87,76 2034 *87,76		\$1,900	C	
Concrete	100% Recent Repair Evident, Extent : Lig.	2034	* 5	\$74,100	С	
	Location: Spans 3 & 4.	m, mea nyeetea . 1070				
Superstructure	1					
Deck,Structural						
Concrete	100%	LIFE ³	* 5	\$2,200	A	
Grating w/ Concrete	100%	LIFE *	*		A	
Joints						
Steel	100%	LIIL	*		C	
Generic	100%	LIFE *	*		С	
Primary Member	100-1			4.00		
Steel	100%	LIIL	* 2-8	\$289,500	A	
	Corrosion, Extent : Moderate, Area Location : Spans 1,2 & 5	Affected: 5%				
Secondary Member						
Steel	100%		* 2-8	\$242,500	В	
	Corrosion, Extent : Light, Area Affe Location : Spans 1, 2 & 5.	ected : 5%				
Movable Bridges						
Swing Span Truss						
Steel	100%	LIFE	*		Α	
	Other Observation, Extent: Modera	ate, Area Affected : 10%				
	Location: Spans 3 & 4.	. W. C	A. 1.C	M 1		
	Explanation: Localized Corrosion	i with Section Loss in Prime	iry And Sec	conaary Members.		

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 W 207 ST / UNIVERSITY HEIGHTS BR

Asset #: 4243

Bridge Structure	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle Estimated Cost (Yrs)	Priority Code
Movable Bridges				
Swing Span Pivot Pier				
Concrete	100%	LIFE *	*	A
	Other Observation, Extent : Light, Area	Affected : 100%		
	Location: Pier 3			
	Explanation: Has Masonry Facade.			

Bridge Electrical		Current R	epair	Futur	e Replacement	Maintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Communication Electrical							
Communications							
Generic	100%	Now	\$10,100	2021	\$33,500		В
			tent : Light, Area	Affected	: 100%		
		: Entire Sys					
	Explana	tion : Not Fi	ınctional.				
Control System Electrical Control Console							
Stainless Steel	100%			LIFE	* *		В
Disconnect Switch							
Generic	100%			2034	* *		В
Limit Switch							
Generic	100%			2034	* *		В
Electrical Power							
Dist Equip & Motor Control							
Generic	100%	Now	\$27,600	2026	* *		В
			tent : Light, Area	Affected	: 50%		
		: Motors 1					
	Explana	tion : Motor	s 1 And 3 Not Ope	rational.	•		
Raceway							
Collector Ring	1000/	2.4	Φ4. 7 . 7 00	2020	* *		
Metal	100%	2-4	\$15,500	2029			В
			tent : Light, Area	Affected	: 20%		
			ing Lower Level				
	Explana	tion : Collet	or Shoes Are Sligh	itly Corr	oded		
Submarine Control Cables	1000/			2010			D
Control	100%			2019			В
Wiring	1000/			2010	Φ1 4 53 400		ъ
Generic	100%			2019	\$1,452,400		В
Traffic System Electrical							
Traffic Signal	1000/	No	¢	2020	¢120.200		D
Generic	100%	Now	\$6,500	2020	\$129,300		В
			ctent : Moderate, A	area Affe	ciea : 100%		
		: All Gongs		an al			
Lighting	<i>Exp</i> iana	uon : Gongs	Are Not Operation	mai.			

Lighting

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 W 207 ST / UNIVERSITY HEIGHTS BR

Bridge Electrical		Current Rep	air	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date E (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Lighting Devices								
Generic	100%	Now	\$2,000	2019	\$97,500			В
	Other Obs	ervation, Exte	nt : Light, Area	Affected	: 50%			
	Location	: Entire Syste	em.					
	Explanat	ion : Several .	Lamps Missing	Or Inope	rative.			

ridge Mechanical	Current Repair	Future Repla	cement	Maintenance	
stem Component Type	% of Fail Date Estimated Total (Years)	Cost Year Estima FY	nted Cost	Cycle Estimated Cost (Yrs)	Priority Code
ing					
Center Latch					
Generic	100% Now \$62,		* *		В
	Other Observation, Extent: Mode Location: East Latch	етате, Атеа Ајјества : Т	00%		
	Explanation: East Latch Is Not	Driven Latch Is Faile	1		
Center Pivot/Rim Assembly	Explanation . East Laten is Not	Driven. Laich is Failed	<i>l</i> .		
Generic Generic	100%	2049	* *		В
Emergency Drive	10070	204)			
Emergency Power	100%	2049	* *		В
Emergency 1 a wer	Other Observation, Extent : Light				-
	Location : Emergency Power				
	Explanation : No Operation Ob	served.			
End Lift					
Generic	100% 4+ \$68,	300 2049	* *		В
	Other Observation, Extent: Mode	erate, Area Affected : 2	0%		
	Location : End Lift Machinery				
	Explanation: Machinery Exhib	its Corrosion			
Houses	000/	2040	* *		ъ
Access Ways	90%	2049	**		В
Access Ways	10% Now \$4, Other Observation, Extent: Light	200 2049			В
	Location: Hatch To Center Ma				
	Explanation: Hatch Exhibits M	•			
Machinery Room	100%	2049	* *		В
Main Drive System	100%	2049			ь
Generic	100% 4+ \$25.	200 2049	* *		В
Generic	Other Observation, Extent: Light				Ъ
	Location: Span Drive	,,,,			
	Explanation : Accumulted Pigeo	on Debris On Secondar	y Reducer	Machinery	
Live Load Supports		•			
Generic	100%	2030	* *		В

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 W 207 ST / UNIVERSITY HEIGHTS BR

Bridge Mechanical		Current Re	pair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date I (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Swing								
Traffic Devices								
Barrier Gate	50%			2030	* *			В
Barrier Gate	50%	Now	\$18,000	2030	* *			В
	Other Obs	ervation, Ext	ent : Moderate, A	Area Affe	ected : 20%			
	Location	: East Appro	oach					
	Explana	tion : Gate Ai	rms Needed To B	e Manua	ally Interlocked At	Center		
Warning Gate	50%	Now	\$12,000	2030	* *			В
C	Other Obs	ervation, Ext	ent : Severe, Are	a Affecte	ed : 40%			
	Location	: Southeast A	And Southwest					
	Explana	tion : Gates A	re Not Lowering	Fully. C	Concrete Missing A	round E	dge Of Base.	
Warning Gate	50%			2030	* *			В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER

Address : FOOT OF E. 103 ST. TO SOUTH END OF RANDALLS ISLAND

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DOT0188.000 / 13872 Yr Built/Renovated :

Area Sq Ft : 12,600 Project Type : WATERWAY BRIDGES

Date of Survey : 20-Nov-2006 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2240620

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$124,700
Bridge Electrical	\$450,500	
Bridge Mechanical	\$76,800	\$19,592,800
Total	\$527,300	\$19,717,600
Priority A		\$124,700
Priority B	\$527,300	\$19,592,800
Total	\$527,300	\$19,717,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$600		\$13,000	\$13,600
Bridge Electrical	\$32,600		\$6,700	\$18,500
Total	\$33,200		\$19,700	\$32,100
Priority A			\$13,000	\$1,500
Priority B	\$32,600		\$6,700	\$18,500
Priority C	\$600			\$12,100
Total	\$33,200		\$19,700	\$32,100



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER

Asset #: 13872

Bridge Structure	Current Repai	r Future Ro	eplacement	M	aintenance	
System Component Type	% of Fail Date Esti Total (Years)	imated Cost Year Es	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments	•	•	*			
Bridge Seat&pedestals						
Concrete	100%	LIFE	* *			A
Backwall						
Concrete	100%	LIFE	* *			С
Brngs,Ancr Blts,Pads						
Steel	100%	LIFE	* *			A
Joint with Deck						
Steel	100%	LIFE	* *			В
Mat (scour & erosion)						
Earth	100%	LIFE	* *			В
Stem (breastwall)						
Concrete	100%	LIFE	* *			В
Wingwalls						
Mat (scour & erosion)						_
Earth	100%	LIFE	* *			С
Walls	4000					~
Concrete	100%	LIFE	* *			С
Stream Channel						
Bank Protection	1000/	T TOTAL	* *			a
Masonry	100%	LIFE	* *			С
Pier Protection	1000/	TIPE	* *			ъ
Timber	100%	LIFE	* *			В
Approaches						
Pavement	1000/	2022		4		C
Asphalt P:	100%	2023		4		С
Piers Con Boom						
Cap Beam Concrete	100%	LIFE	* *			A
Pier,Columns	100%	LIFE				A
Concrete	100%	LIFE	* *			В
	100%	LIFE				ь
Brngs,Ancr Blts,Pads Steel	100%	LIFE	* *	2-8	\$5,300	A
Mat (scour & erosion)	10070	LIFE		2-0	ψ3,300	Λ
Earth	100%	LIFE	* *			A
Pedestals	10070	LIFE				Λ
Concrete	100%	LIFE	* *			В
Deck Elements	100/0	LILL				ע
Mono Deck Surface						
Concrete	90%	2044	* *	5	\$24,300	C
Concrete	10% 4+	\$600 2044	* *	5	\$12,100	C
Concrete	Spalling, Extent : Modera Location : Lift Span			J	\$12,100°	Č
Railings/Parapets						
Concrete	100%	2027	* *	4	\$3,000	A
Steel	100%	LIFE	* *	2-8	\$8,200	A
Cuparetructura					1 - 7	

Superstructure

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER

Asset #: 13872

		<u> </u>	A5561#.15					
Bridge Structure		Current I	Repair	Futur	e Replacement	М	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
uperstructure	•				•			
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$13,900	A
Joints	400				de de			~
Steel	100%			LIFE	* *			С
Primary Member Steel	100%			LIFE	* *	2-8	\$232,900	٨
Movable Bridges	100%			LIFE		2-8	\$232,900	A
Vertical Lift Span								
Steel	100%			LIFE	* *			A
Vertical Lift Tower								
Steel	100%			LIFE	* *			A
Vertical Lift Pier								
Concrete	100%			LIFE	* *			A
Bridge Electrical		Current F	Repair	Futur	e Replacement	М	aintenance	
System	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priori
Component Type	Total	(Years)		FY		(Yrs)		Coo
ommunication Electrical								
Communications								
Generic	100%	Now	\$6,700	2018	\$6,700			В
	Other Obs	ervation, E	Extent : Light, Area	Affected	! : 100%			
	Location							
. 10	Explana	tion : Syste	m Obsolete And In	operative	2			
Control System Electrical Control Console								
Metal	100%	Now	\$35,100	2038	* *			В
Disconnect Switch	10070	NOW	ψ33,100	2030				ъ
Generic	100%			2031	* *			В
Limit Switch								
Generic	100%	Now	\$1,300	2016	\$13,500			В
lectrical Power								
Dist Equip & Motor Contro								
Generic	100%			2016	\$213,500			В
			Extent : Light, Area					
		_	ear And Motor Con					
200W3V	Explana	uon : Equi	oment Is Obsolete A	ana Pooi	riy Maintained.			
Raceway Submarine Power Cable								
Not Accessible	100%							D
Wiring	-0070							
Generic	100%			2016	\$201,900			В
ighting								
Lighting Devices								
Generic	100%	Now	\$11,100	2019	\$18,500			В
			Extent : Moderate, 1	Area Affe	ected : 60%			
	Location	: Entire B	riage					

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.

 $Explanation: Fixtures\ Unlamped,\ Mismatched\ And\ Broken$

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER

ridge Mechanical	Current F	Repair	Future	Replacement	Maintenance	
zstem Component Type	% of Fail Date Total (Years)		Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
rtical Lift						
CTRWT Ropes & Guides						
Generic	20% 2-4	\$76,800 2	2021	\$3,838,500		В
	Other Observation, E	Extent : Moderate, Are	a Affec	cted : 75%		
	Location : All Coun	terweight Ropes.				
	Explanation : Rope Remainder Of The I	s Are Devoid Of Lubri Lubricant Is Old.	icant V	Where They Contac	ct The Sheave. The	
Generic	80%	2	2021	\$15,354,100		В
Counter Weight						
Main CTRWT	100%	2	2046	* *		В
Houses						
Access Ways	100%	2	2021	\$245,300		В
Main Drive System						
Generic	100%	2	2033	* *		В
Sheaves						
Generic	100%	2	2033	* *		В
Traffic Devices						
Barrier Gate	100%	2	2021	\$154,900		В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER

Address : W. 181ST,X-ING HARLEM RIVER

Borough : MANHATTAN:BX. Agency's Number : N/A
Program / Asset # : DOT0006.090 / 2441 Yr Built/Renovated : 1888 /

Area Sq Ft : 133,600 Project Type : WATERWAY BRIDGES

Date of Survey : 07-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 2066919

CAPITAL	FY 2016 - 2019	FY 2020 - 2025	
Bridge Structure	\$6,904,200	\$7,853,100	
Total	\$6,904,200	\$7,853,100	
Priority A	\$3,755,900	\$2,733,300	
Priority B	\$2,160,300	\$2,644,700	
Priority C	\$988,000	\$2,475,200	
Total	\$6,904,200	\$7,853,100	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$743,400		\$532,500	
Total	\$743,400		\$532,500	
Priority A	\$458,500		\$267,300	
Priority B	\$240,700		\$265,200	
Priority C	\$44,300			
Total	\$743,400		\$532,500	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER

Asset #: 2441

Bridge Structure		Current F	Repair	Futur	e Replacement	N	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cos	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	*	*		В
Stem (breastwall)								
Granite	75%			LIFE	*			В
Granite	Location	: Through			*	*		В
	_	Extent : Lig : Through	ht, Area Affected : out	25%				
Wingwalls Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	*	*		С
Piles Not Accessible	1000/							D
Walls	100%							ע
Wans Granite	70%			LIFE	*	*		С
Granite	30%	4+	\$151,200	LIFE	*	*		C
C.u	Effloresce Location	nce, Extent : Through	: Light, Area Affec out	rted : 10%	%			
	_	Extent : Lig : Through	ht, Area Affected : out	10%				
Stream Channel								
Bank Protection								
Masonry	100%			LIFE	*			C
Riprap	100%			LIFE	*	*		С
Mat (scour & erosion)	1000/				ale.	N/a		
Generic	100%			LIFE	*	*		A
Approaches								
Pavement Asphalt		4+ xtent : Mod : Through	\$16,900 erate, Area Affecte out	2026 d : 5%	*	* 4	\$18,100	C
Asphalt		2-4 t, Extent : M t : At End A	\$168,900 Aoderate, Area Affe pproach	2026 ected : 30	*	* 4	\$18,100	С
Curbs Concrete w/ Steel Face		s, Extent : I	Light, Area Affected	LIFE d : 70%	*	*		A
Embankment Earth	_	n Growth, E	Extent : Moderate, 1 pproach	LIFE Area Affe	* ected : 50%	*		С

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER

Asset #: 2441

Bridge Structure	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches						
Guide Railing Concrete	100% 4+ \$. Spalling, Extent : Light, Area Aj Location : Throughout	5,500 2034 ffected : 15%	**	4	\$4,600	A
Steel	100% Other Observation, Extent: Lig Location: Right Side Of Begin Explanation: Steel On Right S	ning Approach		2-8	\$9,300	A
Median		, , ,	••			
Concrete	100% 4+ \$ Cracks, Extent: Light, Area Aff- Location: Throughout Spalling, Extent: Light, Area Aj Location: Random Locations	ffected : 10%	* *			A
Railings/Parapets		_				
Steel	100% Rust Stains, Extent : Light, Area Location : Throughout	LIFE Affected : 40%	* *			A
Sidewalks						
Concrete Concrete	90% 10% 4+ \$ Cracks, Extent : Light, Area Aff Location : At End Approach	LIFE 2,600 LIFE ected : 10%	* *			C C
Piers						
Cap Beam Masonry	100%	LIFE	* *			A
Stem,Solid Pier Granite Granite	90% 10% 4+ \$16 Efflorescence, Extent : Light, An Location : Throughout	LIFE 7,500 LIFE rea Affected : 25%	* *			B B
	Leakage, Extent : Light, Area A Location : Throughout Vegetation Growth, Extent : Lig Location : Random Locations	ht, Area Affected .	15%			
Brngs,Ancr Blts,Pads Steel	100%	LIFE	* *	2-8	\$9,200	A
Footings Not Accessible	100%					D
Mat (scour & erosion) Earth	100%	LIFE	* *			A
Pedestals Steel	100% Corrosion, Extent : Light, Area Location : Throughout	LIFE Affected : 100%	* *			В
Piles Not Accessible	100%					D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER

Asset #: 2441

ridge Structure	Current Repair	Future	Replacement	M	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
ck Elements						
Guide Railing Concrete	100% 4+ \$140,700 Cracks, Extent: Light, Area Affected:	2038	* *			A
	Location: Throughout Vegetation Growth, Extent: Light, Are Location: Random Locations Throug	a Affected	: 5%			
Median						
Concrete	100% 4+ \$98,800 Cracks, Extent : Light, Area Affected : Location : Throughout Spalling, Extent : Light, Area Affected Location : Random Locations Throug	: 2%	* *	5	\$9,500	A
Railings/Parapets						
Masonry	100% 4+ \$144,300 Other Observation, Extent: Light, Area Location: Random Locations Throug Explanation: Spalling		: 15%	5	\$11,800	A
Steel	100% 4+ \$35,500 Corrosion, Extent : Moderate, Area Afj Location : Throughout	LIFE fected : 40	**	2-8	\$46,700	A
Sidewalks						
Concrete	100% 4+ \$15,600 Cracks, Extent : Light, Area Affected : Location : Random Locations Throug		* *	5	\$5,200	С
Wearing Surface						
Asphalt	100%	2026	* *	5	\$103,900	C
Concrete	10% 0-2 \$315,300 Spalling, Extent : Moderate, Area Affec Location : Random Locations Throug		\$1,576,600	5	\$423,300	С
Concrete	90% Now \$283,800 Delaminations, Extent: Severe, Area A Location: Throughout Spalling, Extent: Severe, Area Affected		**	5	\$423,300	С
	Spailing, Extent: Severe, Area Affected Location: Random Throughout	ı. 40%				
Scupper						
Cast Iron	100% Other Observation, Extent: Light, Area Location: Throughout Explanation: Total Of 80 Scuppers	LIFE a Affected	* *			С
perstructure						
Deck,Structural Concrete	100%	LIFE	* *	5	\$177,200	A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER

ridge Structure	Current R	epair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
perstructure							
Joints							
Steel	70%		LIFE	* *			C
Steel	30% 0-2	\$26,000	LIFE	* *			C
	Broken/Missing Eleme	ent, Extent : Light,	Area Af	fected : 2%			
	Location: One Joint	t Plate At The Mia	lspan				
	Loose Joint Plates, Ex	tent : Severe, Are	a Affecte	d: 10%			
	Location: Span 5 W	estbound					
	Other Observation, Ex	xtent : Severe, Are	a Affecte	ed: 10%			
	Location: Span 5 W	estbound					
	Explanation : Joint I Headers, One Pot H		ıd Under	Tires Of Traffic A	nd Crack	s In The Concrete	
Primary Member							
Steel	98%		LIFE	* *	2-8	\$4,233,300	A
Steel	2% 4+	\$1,015,200	LIFE	* *	2-8	\$2,469,800	A
	Corrosion, Extent : Li Location : Througho		! : 10%				
Masonry: Stone	70%		LIFE	* *			A
Masonry: Stone	30% 4+	\$910,500	LIFE	* *			Α
•	Efflorescence, Extent		Affected	: 10%			
	Location : Througho	put					
	Leakage, Extent : Mod	derate, Area Affec	ted : 10%	6			
	Location : Througho						
Secondary Member							
Steel	75%		LIFE	* *	2-8	\$3,632,000	В
Steel	25% 2-4	\$350,300	LIFE	* *	2-8	\$2,069,000	В
	Corrosion, Extent : Li	ght, Area Affectea	! : 20%				
	Location: Random I						

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE

Address : FDR AT 125 STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 29,900 Project Type : WATERWAY BRIDGES

Date of Survey : 07-Nov-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN : 224005A

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$622,200	\$622,200
Total	\$622,200	\$622,200
Priority A	\$345,700	\$345,700
Priority B	\$276,400	\$276,400
Total	\$622,200	\$622,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$211,800		\$76,600	
Total	\$211,800		\$76,600	
Priority A	\$161,500		\$48,800	
Priority B	\$50,300		\$27,700	
Priority C				
Total	\$211,800		\$76,600	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE

Asset #: 4240

Bridge Structure		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments							
Bridge Seat&pedestals							
Concrete	100%		LIFE	* *			A
Backwall							
Concrete	100%		LIFE	* *			C
Brngs,Ancr Blts,Pads							
Elastomeric	100%		2045	* *			A
Footings							
Not Accessible	100%						D
Joint with Deck							
Generic	100%		LIFE	* *			В
Mat (scour & erosion)							
Generic	100%		LIFE	* *			В
Pedestals							
Concrete	100%		LIFE	* *			A
Stem (breastwall)	_						
Concrete	100%		LIFE	* *			В
Wingwalls							
Footings							
Concrete	100%		LIFE	* *			C
Mat (scour & erosion)							
Generic	100%		LIFE	* *			C
Piles							
Not Accessible	100%						D
Walls							
Concrete	100%		LIFE	* *			C
Approaches							
Pavement							
Concrete	100%		2034	* *	4		C
Embankment							
Earth	100%		LIFE	* *			C
Mat (scour & erosion)							
Earth	100%		LIFE	* *			A
Railings/Parapets							
Concrete	100%		2034	* *			A
Piers							
Cap Beam							
Steel	100%		LIFE	* *	2-8	\$268,000	A
Pier,Columns							
Concrete	100%		LIFE	* *			В
Stem,Solid Pier							
Concrete	100%		LIFE	* *			В
Brngs, Ancr Blts, Pads							
Elastomeric	100%		2045	* *			A
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Generic	100%		LIFE	* *			A

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE

Bridge Structure	Current Repair	Future Replace	ment	М	aintenance	
System Component Type	% of Fail Date Estimated C Total (Years)	ost Year Estimate FY		Cycle (Yrs)	Estimated Cost	Priority Code
Piers						
Pedestals						
Concrete	100%	LIFE	* *			В
Piles						
Not Accessible	100%					D
Deck Elements						
Mono Deck Surface						
Concrete	100%	2045	* *	5	\$14,800	C
Railings/Parapets						
Concrete	100%	2034	* *	4	\$28,300	A
Scupper						
Cast Iron	100%	LIFE	* *			C
	Other Observation, Extent: Light, Location: Throughout	Area Affected : 100%				
Superstructure	Explanation: 8 Scuppers					
Deck,Structural						
Concrete	100%	LIFE	* *	5	\$61,500	A
Joints					+	
Generic	100%	LIFE	* *			C
Primary Member						
Steel	100%	LIFE	* *	2-8	\$885,000	A
Secondary Member					•	
Steel	100%	LIFE	* *	2-8	\$759,300	В

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WILLIS AVE, BRIDGE WILLIS AVE/HARLEM RIVER

Address : HARLEM RIVER, WILLIS AVE.

Borough : MANHATTAN:BX. Agency's Number : N/A

Area Sq Ft : 94,700 Project Type : WATERWAY BRIDGES

Date of Survey : 01-Jul-2008 Landmark Status : NONE

Areas Surveyed :

Total

Block : Lot : BIN : 2240059

CAPITAL			
Total			
Priority			
Total			
EXPENSE			
Total			
Priority			



^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4239

Bridge Structure		Current Repair	Future Replacement	Maintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Abutments					
Bridge Seat&pedestals					
Under Construction	100%				D
Backwall					_
Under Construction	100%				D
Brngs, Ancr Blts, Pads	1000/				ъ
Under Construction	100%				D
Footings Under Construction	100%				D
Joint with Deck	100%				<u>D</u>
Under Construction	100%				D
Mat (scour & erosion)	10070				<u> </u>
Under Construction	100%				D
Stem (breastwall)	10070				
Under Construction	100%				D
Wingwalls					
Footings					
Under Construction	100%				D
Mat (scour & erosion)					
Under Construction	100%				D
Piles					
Under Construction	100%				D
Walls					
Under Construction	100%				D
Stream Channel					
Bank Protection					_
Under Construction	100%				D
Mat (scour & erosion)	1000/				ъ
Under Construction	100%				D
Pier Protection	1000/				ъ
Under Construction	100%				D
Approaches					
Pavement Under Construction	100%				D
Curbs	10070				<u>D</u>
Under Construction	100%				D
Embankment	10070				
Under Construction	100%				D
Guide Railing					
Under Construction	100%				D
Mat (scour & erosion)					
Under Construction	100%				D
Sidewalks					
Under Construction	100%				D
Piers					
Cap Beam					
Under Construction	100%				D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4239

Bridge Structure		Current Repair	Futu	re Replacement	Maintenance	
System Component Type	% of Total	Fail Date Estimated (Years)	d Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Piers						
Pier,Columns						
Under Construction	100%					D
Stem,Solid Pier						
Under Construction	100%					D
Brngs,Ancr Blts,Pads						
Under Construction	100%					D
Footings	1000/					-
Under Construction	100%					D
Mat (scour & erosion)	1000/					ъ
Under Construction	100%					D
Pedestals	1000/					D
Under Construction	100%					D
Deck Elements Curbs						
Under Construction	100%					D
Gratings	10070					
Under Construction	100%					D
Guide Railing	10070					
Under Construction	100%					D
Median						
Under Construction	100%					D
Mono Deck Surface						
Under Construction	100%					D
Railings/Parapets						
Under Construction	100%					D
Sidewalks						
Under Construction	100%					D
Wearing Surface						
Under Construction	100%					D
Superstructure						
Deck,Structural						
Under Construction	100%					D
Joints						_
Under Construction	100%					D
Primary Member	400					-
Under Construction	100%					D
Secondary Member	4005					ъ
Under Construction	100%					D
Movable Bridges						
Swing Span Truss	1000/					ъ
Under Construction	100%					D
Swing Span Pivot Pier	1000/					ъ
Under Construction	100%					D

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Asset #: 4239

Bridge Electrical		Current Repair	Futu	e Replacement	M	aintenance	
System	% of	Fail Date Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
Component Type	Total	(Years)	FY		(Yrs)		Code
Communication Electrical							
Communications							
Under Construction	100%						D
Control System Electrical	10070						
Control Console							
Under Construction	100%						D
Disconnect Switch	10070						
Under Construction	100%						D
Limit Switch	10070						
Under Construction	100%						D
Electrical Power	10070						
Transfer Switch							
Under Construction	100%						D
Dist Equip & Motor Controll	10070						
Under Construction	100%						D
Ground/Lightning Protection	10070						
Ground Bus							
Under Construction	100%						D
Ground Rod	10070						
Under Construction	100%						D
Ground Wire	10070						
Under Construction	100%						D
Lightning Terminals	10070						
Under Construction	100%						D
Power Over 600V	10070						
Service Equipment							
Under Construction	100%						D
Transformer	10070						
Under Construction	100%						D
Raceway	10070						
Submarine Control Cables							
Under Construction	100%						D
Wiring	10070						
Under Construction	100%						D
Span Lock							
Motor							
Under Construction	100%						D
Stand-by Power							
Generator							
Under Construction	100%						D
Transfer Switch							
Under Construction	100%						D
Traffic System Electrical							-
Traffic Signal							
Under Construction	100%						D
Lighting							
Lighting Devices							
Under Construction	100%						D
-							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Bridge Mechanical		Current Repair	Futur	re Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Swing							
Center Latch							
Under Construction	100%						D
Center Lift							
Under Construction	100%						D
Center Pivot/Rim Assembly							
Under Construction	100%						D
Emergency Drive							
Under Construction	100%						D
End Lift							
Under Construction	100%						D
Fuel Tanks							
Under Construction	100%						D
Houses							
Under Construction	100%						D
Main Drive System							
Under Construction	100%						D
Traffic Devices							
Under Construction	100%						D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER

Address : HART ISLAND

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 7,448 Project Type : FERRIES
Date of Survey : 10-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : 5649 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$393,800	
Total	\$393,800	
Priority A	\$45,200	
Priority B	\$348,600	
Total	\$393,800	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$12,400			
Total	\$12,400			
Priority A Priority B	\$12,400			
Total	\$12,400			



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER

Asset #: 1790

Piers	Current Repair Future Replacement			M		
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimate FY	ed Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural Deck						
Concrete	50%	LIFE	* *	5	\$6,900	A
	Cracking, Extent : Light, Area Affected				7 - 7,2 - 3	
	Location: Isolated Throughout					
	Spalling, Extent: Light, Area Affected:	5%				
	Location: Isolated Throughout					
Concrete	5% 4+ \$12,400	LIFE	* *	5	\$700	A
	Spalling, Extent : Severe, Area Affected Location : At Loading Ramp	: 10%				
	Other Observation, Extent: Severe, Are	ea Affected : 80%				
	Location : At Shoreline Abutment					
	Explanation: Undermining					
Not Accessible	45%					D
Pile Caps						
Timber	55%	LIFE	* *	4	\$32,200	A
	Rotting/Splitting, Extent : Light, Area A Location : Throughout	ffected: 30%				
Not Accessible	45%					D
Piles and Bracing	4370					D
Timber	20% 4+ \$45,200	LIFE	* *	4-5	\$6,700	A
	Rotting/Splitting, Extent: Moderate, Ar	rea Affected : 60%			, ,	
	Location: Trestle And Pier Head					
Timber	30%	LIFE	* *	4-5	\$10,000	A
	Rotting/Splitting, Extent : Light, Area A	ffected : 40%				
	Location: Throughout					
Not Accessible	50%					D
Fender Wales and Chocks						
Timber	10% Now \$25,200	2037	* *	4	\$3,200	В
	Missing Part, Extent : Severe, Area Affe			•	φυ,Ξοο	-
	Location: Offshore Face Of Pier					
Timber	25% 2-4 \$63,000	2037	* *	4	\$8,100	В
	Rotting/Splitting, Extent: Severe, Area	Affected : 60%				
	Location : Offshore Face Of Pier					
No Component	65%					D
Piles	000/ N	2027	ale ale		Φ.4. 7 00	D
Timber	30% Now \$119,900 Missing Part, Extent : Severe, Area Affe	2037	* *	4	\$4,500	В
	Location : Offshore End	естей . 100/0				
Timber	20% 0-2 \$79,900	2037	* *	4	\$3,000	В
Timoci	Broken, Extent : Severe, Area Affected :			4	Ψ5,000	Ъ
	Location: Offshore End					
	Rotting/Splitting, Extent : Severe, Area	Affected : 75%				
	Location : Offshore End					
No Component	50%					D
D. 1. El						

Deck Elements

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

 ${\it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER

C	urrent Repair	Future Replac	ement	M	aintenance	
		Year Estima FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
100%	4+ \$60,500	LIFE	* *			В
Rotting/Splitti	ing, Extent : Moderate, Are	ea Affected : 70%	, i			
Location: T	Throughout Pier					
	% of Fa Total (1) 100% Rotting/Splitt	% of Fail Date Estimated Cost Total (Years) 100% 4+ \$60,500	% of Fail Date Estimated Cost Total (Years) Year Estima FY 100% 4+ \$60,500 LIFE Rotting/Splitting, Extent: Moderate, Area Affected: 70%	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost FY 100% 4+ \$60,500 LIFE ** Rotting/Splitting, Extent: Moderate, Area Affected: 70%	% of Total (Years) Year Estimated Cost (Yrs) 100% 4+ \$60,500 LIFE ** Rotting/Splitting, Extent: Moderate, Area Affected: 70%	% of Fail Date Estimated Cost Total (Years) Year Estimated Cost (Yrs) 100% 4+ \$60,500 LIFE ** Rotting/Splitting, Extent: Moderate, Area Affected: 70%

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : EAST 34TH STREET PIER

Address : EAST RIVER AT EAST 34TH STREET

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 6,446 Project Type : FERRIES

Date of Survey : 15-Apr-2013 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers		\$49,600
Total		\$49,600
Priority A		\$49,600
Total		\$49,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers				\$11,500
Total				\$11,500
Priority A				
Priority B				\$7,600
Priority C				\$3,900
Total				\$11,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 EAST 34TH STREET PIER

Piers		Current Repair	Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural								
Deck								
Concrete	50%		LIFE	* *	5	\$6,000	Α	
Not Accessible	50%						D	
Deck Surface								
Asphalt Pavers	60%		2039	* *			C	
Timber	30%		2039	* *	5	\$7,800	C	
Not Accessible	10%						D	
Pile Caps								
Concrete	100%		LIFE	* *	5	\$400	A	
Piles and Bracing								
Steel	50%		LIFE	* *	5	\$49,600	A	
	Corrosion	, Extent : Light, Area Affectea	l : 40%					
	Location	: Throughout Tidal Zone On	H-piles					
Not Accessible	50%						D	
Fender								
Wales and Chocks								
Timber	60%		2039	* *	4	\$12,300	В	
No Component	40%						D	
Piles								
Timber	30%		2039	* *	4	\$2,800	В	
No Component	40%						D	
Not Accessible	30%						D	
Pile Cluster								
Timber	70%		2028	* *	4-10		C	
Not Accessible	30%						D	
Deck Elements								
Railing								
Steel	100%		2024				В	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FERRY DOCKS CONCRETE PIER

Address : CITY ISLAND

Borough : BRONX Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOT0128.015 \, / \, 1815 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Area Sq Ft : 10,089 Project Type : FERRIES

Date of Survey : 10-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : 5643 Lot : 260 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$221,900	
Total	\$221,900	
Priority A	\$221,900	
Total	\$221,900	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$54,900			
Total	\$54,900			
Priority A	\$24,300			
Priority C	\$30,600			
Total	\$54,900			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 FERRY DOCKS CONCRETE PIER

Asset #: 1815

ers	Current Repair	Future Replac	ement	M	aintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimat FY	ted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
uctural						
Deck	100/ 4	LIDE	* *	5	¢1 000	A
Concrete	10% 4+ \$56,100 Corrosion of Reinforcement, Extent: So Location: Throughout Underside Of Spalling, Extent: Severe, Area Affected Location: Throughout Underside Of Severe, Seve	Deck And Between ! : 100% Deck And Between	ed : 100% Bents 7- Bents 7-	10 10	\$1,900	A
Concrete	5% 4+ \$28,100 Spalling, Extent : Moderate, Area Affec Location : Underside Of Deck	LIFE eted : 100%	* *	5	\$900	A
Concrete	85% Cracking, Extent: Light, Area Affected Location: Throughout Deck Surface A Spalling, Extent: Light, Area Affected: Location: Underside And Deck Surfa Surface Wearing/Scaling, Extent: Ligh Location: Throughout Surface	And Curbs · 4% ce	**	5	\$16,000	A
Firewalls						
Concrete	50% Now \$15,300 Broken, Extent : Severe, Area Affected : Location : Bents 10 And 19	LIFE : 100%	* *	5	\$600	С
Concrete	50% 4+ \$15,300 Cracking, Extent: Moderate, Area Affe Location: Bents 10 And 19	LIFE cted : 25%	* *	5	\$600	С
Pile Caps						
Timber	10% 4+ \$24,300 Rotting/Splitting, Extent: Severe, Area Location: At North And South Ends C Other Observation, Extent: Moderate, Location: At North And South Ends C Explanation: Rotting, Splitting	Of Caps Area Affected : 25	**	4	\$7,900	A
Timber	90% Rotting/Splitting, Extent : Light, Area A Location : Throughout	LIFE ffected : 10%	* *	4	\$71,300	A
Piles and Bracing						
Timber	40% Rotting/Splitting, Extent : Light, Area A Location : Piles Throughout	LIFE Affected : 100%	* *	4-5	\$18,100	A
Timber	30% 4+ \$137,700 Rotting/Splitting, Extent: Moderate, Ar Location: Above Mhw Throughout Other Observation, Extent: Severe, Are Location: Above Mhw Throughout		**	4-5	\$13,600	A
	Explanation: Rotting, Splitting					
Not Accessible	30%					D

Deck Elements

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 FERRY DOCKS CONCRETE PIER

Piers	Current Repair	Future Replacement	Maintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	Section Sectin Section Section Section Section Section Section Section Section	Cycle Estimated Cost (Yrs)	Priority Code		
Deck Elements						
Railing						
Steel	100%	2020		В		
	Corrosion, Extent : Light, Area Affe	cted : 10%				
	Location: Throughout					
	Displaced Elements, Extent: Light, Area Affected: 50%					
	Location : East Rail At Inshore Ho	ılf Of The Pier				
-						

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FERRY MAINTENANCE FACILITY PIER 1

Address : FORMER U. S. C. G. BASE SOUTHERN END OF MAINT BUILDING

Borough : STATEN ISLAND Agency's Number : N/A

Program / Asset # : DOT0146.000 / 4523 Yr Built/Renovated :

Area Sq Ft : 49,870 Project Type : FERRIES

Date of Survey : 04-Mar-2013 Landmark Status : NONE

Areas Surveyed :

Block : 1 Lot : 70 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$307,400	\$407,000
Total	\$307,400	\$407,000
Priority A	\$163,300	\$92,000
Priority C	\$144,100	\$315,000
Total	\$307,400	\$407,000

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$45,300	\$5,600		
Total	\$45,300	\$5,600		
Priority A	\$44,300			
Priority B	\$1,000			
Priority C		\$5,600		
Total	\$45,300	\$5,600		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 FERRY MAINTENANCE FACILITY PIER 1

Asset #: 4523

Piers	Current Re	epair	Future I	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year E FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
tructural							
Deck Concrete	2% Now	\$22,200	LIFE	* *	5	\$1,900	٨
Concrete	2% NOW Cracking, Extent: Mo Location: At East Ar Exposed Reinforcemen Location: Underdec	derate, Area Affe nd Throughout nt, Extent : Severe	cted : 5% c, Area Affe	cted : 10%	3	\$1,900	A
G .		k Easi Siae Ai Ea		**		Φ00.100	
Concrete Not Accessible	97% 1% Other Observation, Ex Location : At South S Explanation : Under	Side Of Pier	LIFE Affected:		5	\$90,100	A D
Pile Caps							
Concrete	25% 4+ Spalling, Extent : Seve Location : Delamina			* * ut Concrete Enco	5 used Stee	\$800 l Beams	A
Timber	75%		LIFE	* *	4	\$293,900	A
Piles and Bracing	7070					42 >2,>00	
Caissons	5% 4+ Other Observation, Ex Location : Mid-pier S Explanation : Missin	Stone Masonry Si	ipport Bent		5	\$3,100	A
Timber	20% Rotting/Splitting, Exter			**	4-5	\$44,700	A
Not Accessible	75% Other Observation, Ex Location: Througho Explanation: 15 Per	ut Pier	Affected:	0%			D
ender							
Pile Cluster Timber	20% Now Broken, Extent : Sever Location : In Tidal Z Loose Wrapping, Exten Location : Above Me	one nt : Moderate, Ar		**	4	\$11,200	С
Timber	20%		2025	\$240,200	4-10	\$91,700	С
Not Accessible	60%			+-10,200		Ψ >1 ,700	D
Peck Elements							
Railing Steel	100%		2023				В
Coping/Curb							
Timber Timber	99% 1% Now Missing Part, Extent :	\$1,000 Severe, Area Affe	LIFE LIFE ected: 100%	**			B B
	Location: Missing S						

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FERRY MAINTENANCE FACILITY PIER B1

Address : FORMER U. S. C. G. BASE NORTH SIDE OF MAINT BLDG

Borough : STATEN ISLAND Agency's Number : N/A

Program / Asset # : DOT0144.000 / 4521 Yr Built/Renovated :

Area Sq Ft : 24,350 Project Type : FERRIES

Date of Survey : 04-Mar-2013 Landmark Status : NONE

Areas Surveyed :

Block : 1 Lot : 70 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$85,000	\$72,100
Total	\$85,000	\$72,100
Priority A	\$36,900	
Priority C	\$48,000	\$72,100
Total	\$85,000	\$72,100

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$100,400	\$33,100	\$11,300	
Total	\$100,400	\$33,100	\$11,300	
Priority A	\$50,600			
Priority B	\$49,900	\$33,100	\$9,600	
Priority C			\$1,700	
Total	\$100,400	\$33,100	\$11,300	



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 FERRY MAINTENANCE FACILITY PIER B1

Asset #: 4521

ers	Curre	nt Repair	Futur	e Replacement	M	aintenance	
stem Component Type	% of Fail D Total (Year	ate Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priorit Cod
uctural							
Deck	20/ 4	¢27 100	LIDD	* *	_	0000	
Concrete	Location : Cente Spalling, Extent :	\$27,100 Moderate, Area Affe er Pier, 150ft From Ed Moderate, Area Affec west Side Of Pier	ist End		5	\$900	A
Concrete	73%		LIFE	* *	5	\$33,100	Α
Not Accessible	25%					+,	D
Firewalls							
Concrete	100%		LIFE	* *	5	\$2,700	C
Pile Caps							
Timber	98%		LIFE	* *	4	\$187,500	A
Timber	2% 2-4	\$23,500	LIFE	* *	4	\$3,800	Α
	Rotting/Splitting,	Extent : Severe, Area . Of Offshore Pile Cap.	Affected .	50%		, - ,	
Piles and Bracing							
Timber	2% Now Broken, Extent : M Location : Thro	Aoderate, Area Affecte	LIFE ed : 50%	* *	4-5	\$2,200	A
Timber	28%		LIFE	* *	4-5	\$30,500	A
Not Accessible	70%						D
	Other Observation Location : Explanation : 13	n, Extent : Light, Area	Affected	: 0%			
nder	Explanation . 1.	7/0 Encused					
Buffer							
Rubber	100%		2033	* *	4-5	\$30,700	В
Wales and Chocks	10070		2033			Ψ30,700	
Timber	90%		2033	* *	4	\$75,000	В
Timber	10% 4+	\$21,600	2033	* *	4	\$5,600	В
	Rotting/Splitting, Location: Throi Worn, Extent: Mo Location: Throi	Extent : Moderate, Ar ughout oderate, Area Affected ughout	ea Affecte !: 50%			45,000	_
	Location : Isola	n, Extent : Severe, Are ted Locations Between eel Connecting Hardw	The Pier	r Deck And The Fe	ender Sys	tem	
Piles	Бартининон . Эт	co. Comments Haran		23.000000			
Timber	2% Now Broken, Extent : S Location : Thro	Severe, Area Affected :	2039 100%	* *	4	\$500	В
Timber	33%	-	2033	* *	4	\$12,700	В
Not Accessible	65%		2033		- T	Ψ12,700	D
INOL ACCESSIBLE	0370						υ

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 FERRY MAINTENANCE FACILITY PIER B1

Piers		Current R	epair	Futur	e Replacement	M	laintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender								
Pile Cluster								
Timber	30%			2022	\$72,100	4-10	\$25,800	C
		nt : Moder : Tidal Zon	ate, Area Affected e	: 25%				
Timber	20%	Now	\$48,000	2029	* *	4	\$2,200	С
	Broken, Ex	tent : Sever	e, Area Affected :	100%				
	Location	: Broken P	iles In Tidal Zone					
	Loose Wra	pping, Exte	nt : Moderate, Ar	ea Affect	ed : 25%			
	Location	: At Northy	vest End					
Not Accessible	50%							D
Deck Elements								
Coping/Curb								
Concrete	8%			LIFE	* *			В
Concrete	2%	2-4	\$9,700	LIFE	* *			В
		tent : Mode : North End	erate, Area Affecte d	ed : 50%				
Timber	89%			LIFE	* *			В
Timber	1%	Now	\$4,900	LIFE	* *			В
	Broken, Extent : Severe, Area Affected : 100%							
	Location	: Isolated T	Throughout					
	Rotting/Spl	itting, Exte	nt : Severe, Area .	Affected	: 50%			
	Location	: Isolated T	Throughout					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FERRY MAINTENANCE FACILITY PIER B2

Address : FORMER U. S. C. G. BASE LARGEST PIER INFRONT MAINT BLDG

Borough : STATEN ISLAND Agency's Number : N/A

Program / Asset # : DOT0145.000 / 4522 Yr Built/Renovated :

Area Sq Ft : 61,238 Project Type : FERRIES

Date of Survey : 04-Mar-2013 Landmark Status : NONE

Areas Surveyed :

Block : 1 Lot : 70 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$292,800	\$121,400
Total	\$292,800	\$121,400
Priority A	\$179,400	\$121,400
Priority B	\$113,500	
Total	\$292,800	\$121,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$21,500	\$33,500	\$15,900	
Total	\$21,500	\$33,500	\$15,900	
Priority A				
Priority B	\$21,500	\$33,500	\$15,900	
Priority C				
Total	\$21,500	\$33,500	\$15,900	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 FERRY MAINTENANCE FACILITY PIER B2

Asset #: 4522

Piers	Current Repair	Future Rep	lacement	M	aintenance	
ystem Component Type	% of Fail Date Estimated Total (Years)	l Cost Year Estin	nated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
ructural						
Deck	5 50/		als als	_	407.600	
Concrete	75%	LIFE	* *	5	\$85,600	A
	Cracking, Extent : Light, Area A Location : Throughout	<i>песнеа : 2%</i>				
	Spalling, Extent : Light, Area Af	fected · 2%				
	Location: Throughout Perime					
Not Accessible	25%					D
Firewalls	23 /0					
Concrete	70%	LIFE	* *	5	\$4,800	C
Not Accessible	30%					D
Pile Caps						
Concrete	2%	LIFE	* *	5	\$100	A
Timber	98%	LIFE	* *	4	\$471,600	Α
Piles and Bracing						
Steel		5,500 LIFE	* *	5	\$18,800	Α
	Corrosion, Extent : Light, Area					
	Location : Above Mean Low W		ata ata		4	
Timber		2,900 LIFE	* *	4-5	\$5,500	A
	Rotting/Splitting, Extent: Moder	rate, Area Affectea : 20)%			
m: 1	Location: Throughout		* *		4.2 000	
Timber	16%	LIFE	* *	4-5	\$43,900	A
Not Accessible	80% Other Observation, Extent : Ligh	at Amag Affacted , 00/				D
	Location: Throughout	u, Area Ajjeciea . 070				
	Explanation: 20 Percent Of Pi	iles Are Encased				
ender	J					
Buffer						
Rubber	100%	2033	* *	4-5	\$50,800	В
Wales and Chocks						_
Timber	45%	2033	* *	4	\$62,200	В
Timber		1,500 2033	* *	4	\$4,600	В
	Worn, Extent : Moderate, Area A Location : Throughout	Ајјестеа : 20%				
	Other Observation, Extent : Seve	are Area Affected . 5%	<u> </u>			
	Location: At 5 Percent Of Loc			der Syste	om	
	Explanation: Steel Connecting			are. Syste		
Not Accessible	50%	,				D
Piles	3070					
Timber	8% 4+ \$90),800 2039	* *	4	\$3,400	В
	Worn, Extent : Moderate, Area A	Affected : 50%				
	Location: Above Mean Low W	ater Elevation				
Timber	2% Now \$22	2,700 2039	* *	4	\$900	В
	Broken, Extent : Severe, Area Af	fected : 100%				
	Location: At One Location					
Timber	30%	2033	* *	4	\$19,200	В

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 FERRY MAINTENANCE FACILITY PIER B2

Piers	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Deck Elements				
Coping/Curb				
Concrete	5%	LIFE **		В
Timber	95%	LIFE **		В
	Rotting/Splitting, Extent: Light, Area A	Affected : 20%		
	Location: Throughout			

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : PIER 11/WALL ST. FERRY PIER

Address : EAST RIVER AT GOUVERNEUR LANE

Borough : MANHATTAN Agency's Number : N/A

Program / Asset #: DOT0001.000 / 4340Yr Built/Renovated: 1906 / 2000Area Sq Ft: 31,800Project Type: FERRIESDate of Survey: 13-May-2011Landmark Status: NONE

Areas Surveyed :

Block : 36 Lot : 18 BIN :

CAPITAL

Total

Priority

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$28,100			\$31,200
Total	\$28,100			\$31,200
Priority A				
Priority B	\$16,800			\$31,200
Priority C	\$11,200			
Total	\$28,100			\$31,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 PIER 11/WALL ST. FERRY PIER

Asset #: 4340

Piers	Current Repair	Future Replaceme	ent I	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Section Section 1 Section	Cost Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Deck	50/	LIEE	** 5	\$2,000	٨
Concrete Not Accessible	5% 95%	LIFE	** 5	\$3,000	A D
Deck Surface	9370				ע
Concrete	100%	2031	** 5	\$21,800	С
	Cracking, Extent : Light, Area Affec		-	+,	
	Location: Throughout				
	Surface Wearing/Scaling, Extent : L Location : Throughout	ight, Area Affected : 10%			
Pile Caps					
Concrete	2%	LIFE	* * 5		A
	Spalling, Extent : Moderate, Area A Location : Offshore Structure Sout				
Not Accessible	98%				D
Piles and Bracing					
Concrete	5%	LIFE	* * 5	\$5,000	A
Not Accessible	95%				D
Fender Wales and Chocks					
Timber	75%	2031	** 4	\$51,300	В
Timoci	Other Observation, Extent : Light, A Location : Above Mlw Elevation T Explanation : Weathering	rea Affected : 10%	·	φ31,300	D
No Component	25%				D
Piles					
Timber	35% Other Observation, Extent: Light, A Location: Above Mlw Elevation T	==	** 4	\$11,100	В
	Explanation: Weathering				
Timber	5% 2-4 \$16,80 Loose Connections, Extent : Modera Location : Single Pile Along Offsh	nte, Area Affected : 25% ore Of Pier	** 4	\$1,600	В
	Missing Pile, Extent : Severe, Area Location : 2 Missing Piles Offshor				
No Component	25%				D
Not Accessible	35%				D
Pile Cluster	250/ 4 ***	00 2022 011	000 4	4000	~
Timber	35% 4+ \$30 Loose Cable Ties, Extent : Moderate Location : Northeast Cluster		,800 4	\$800	С
Not Accessible	65%				D
Deck Elements					
Railing					
Steel	100% Corrosion, Extent : Light, Area Affe Location : Throughout	2021 cted : 5%			В

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ST. GEORGE FERRY TERMINAL / NORTH WHARF

Address : NORTH SIDE OF TERMINAL BUILDING

Borough : STATEN ISLAND Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOT0195.000 \, / \, 13901 \qquad \qquad Yr \, Built/Renovated \quad : \, \\$

Area Sq Ft : 34,500 Project Type : FERRIES

Date of Survey : 02-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers		\$435,600
Total		\$435,600
Priority A		\$435,600
Total		\$435,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers				
Total				
Priority A				



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 ST. GEORGE FERRY TERMINAL / NORTH WHARF

Piers	Current Repair	Future R	eplacement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Es FY	stimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck						
Concrete	100%	LIFE	* *	5	\$64,300	Α
	Cracking, Extent : Light, Area Aff Location : Isolated Throughout	ected : 10%				
Pile Caps						
Concrete	100%	LIFE	* *	5	\$2,300	A
	Cracking, Extent : Light, Area Aff Location : Isolated Throughout	ected : 10%				
Piles and Bracing						
Steel	70%	LIFE	* *	5	\$371,300	A
	Corrosion, Extent : Light, Area Af Location : Above Mlw	fected : 25%				
Not Accessible	30%					D
Coping/Curb						
Concrete	20%	LIFE	* *			C
	Cracking, Extent : Light, Area Aff Location : North End	ected : 10%				
No Component	80%					D
Deck Elements						
Railing						
Fencing	90%	2026	* *	3		В
No Component	10%					D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ST. GEORGE FERRY TERMINAL / SOUTH WHARF

Address : SOUTH SIDE OF TERMINAL BUILDING

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 35,300 Project Type : FERRIES

Date of Survey : 02-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Piers	\$59,500	\$352,800
Total	\$59,500	\$352,800
Priority A		\$352,800
Priority B	\$59,500	
Total	\$59,500	\$352,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$14,700			\$19,800
Total	\$14,700			\$19,800
Priority A	\$400			
Priority B				\$19,800
Priority C	\$14,300			
Total	\$14,700			\$19,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 ST. GEORGE FERRY TERMINAL / SOUTH WHARF

Asset #: 13900

Piers	Current Repair	Future Repla	cement	M	laintenance	
System Component Type	% of Fail Date Estimated (Years)	Cost Year Estima FY	nted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck Concrete	49%	LIFE	* *	5	\$32,200	A
	Cracking, Extent: Light, Area Aff Location: Throughout Spalling, Extent: Light, Area Affe Location: Isolated Throughout	ected : 5%		Ü	40 2,2 00	
Concrete	1% Now \$ Defec Exp. Joints, Extent: Severe Location: North Side Of Asset In Other Observation, Extent: Sever Location: North Side Of Asset In Explanation: Expansion Joint E	n Parking Lot e, Area Affected : 50% n Parking Lot		5 1 Possibl	\$700	A
Not Accessible	50%	мрозей ор 10 3 тепе.	viue mi	1 1 0331011	e Sujery Mazara	D
Deck Surface	50 /0					ע
Asphalt	30% Cracking, Extent : Light, Area Aff Location : Isolated Throughout	2031 Tected : 5%	* *	5	\$11,700	C
Concrete	70% Cracking, Extent: Light, Area Aff Location: Isolated Throughout	2031 Fected : 5%	* *	5	\$16,900	С
Pile Caps						
Concrete	90%	LIFE	* *	5	\$2,100	Α
Timber	10%	LIFE	* *	4	\$27,700	A
Piles and Bracing Steel	65% Corrosion, Extent : Light, Area A <u>f</u> Location : Throughout Tidal Zor		* *	5	\$352,800	A
Timber	10%	LIFE	* *	4-5	\$15,800	Α
Not Accessible	25%					D
Fender						
Wales and Chocks						
Timber	75%	2031	* *	4	\$36,200	В
No Component	25%					D
Piles Timber	10% 0-2 \$59, Broken, Extent : Moderate, Area A Location : At North End Of Wha	Affected : 30%	* *	4	\$2,200	В
Timber	15%	2031	* *	4	\$3,300	В
No Component	25%					D
Not Accessible	50%					D
Deck Elements						
Coping/Curb						_
Timber	90%	LIFE	* *			В
No Component	10%					D

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ST. GEORGE FERRY TERMINAL FUEL PIER

Address : 1 BAY STREET

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 8,400 Project Type : FERRIES

Date of Survey : 11-May-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL

Total

Priority

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$14,000			\$1,800
Total	\$14,000			\$1,800
Priority A	\$14,000			
Priority B				\$1,800
Total	\$14,000			\$1,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 ST. GEORGE FERRY TERMINAL FUEL PIER

Piers	Current Re	epair Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Deck						
Concrete	30%	LIFE	* *	5	\$4,700	A
	Cracking, Extent: Lig Location: Deck Surf	ht, Area Affected : 25% ace Stringers				
Steel	40%	2026	* *	5	\$28,000	A
Not Accessible	30%					D
Pile Caps						
Concrete	70%	LIFE	* *	5	\$400	A
Not Accessible	30%					D
Piles and Bracing						
Concrete	35%	LIFE	* *	5	\$9,300	A
Not Accessible	65%					D
Fender						
Piles						
Timber	10%	2035	* *	4	\$3,600	В
	Rotting/Splitting, Exten	nt : Light, Area Affected :	10%			
	Location : Isolated C	n Piles Located Along We	est Face Only			
No Component	85%					D
Not Accessible	5%					D
Deck Elements						
Railing						
Steel	10%	2021				В
Fiberglass	70%	2026	* *			В
No Component	20%					D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BULKHEAD

Address : WHITEHALL FERRY TERMINAL

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOT0127.020 \, / \, 1808 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Linear Ft : 390 Project Type : FERRIES

Date of Survey : 31-May-2011 Landmark Status : NONE

Areas Surveyed :

Block : 3 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads				
Total				
Priority B Priority C				
Priority C				



DEPARTMENT OF TRANSPORTATION - 841 BULKHEAD

Bulkheads	Current Repair	Future Replace	ement N	Maintenance	
System Component Type	% of Fail Date Estima Total (Years)	ted Cost Year Estimate FY	ed Cost Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Gravity Wall					
Not Accessible	100%				D
Revetment					
Stone	10%	LIFE	** 5	\$200	C
No Component	90%				D
Backfill					
Fill					
Not Accessible	100%				D
Surface					
Asphalt	60%	2035	** 5	\$2,700	В
	Surface Wearing/Scaling, Ext	tent : Light, Area Affected : 5	%		
	Location: Isolated				
Concrete	40%	2035	** 5	\$1,800	В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BULKHEAD @ PIER 26

Address : BETWEEN HUBERT & N. MOORE STS.

 $Borough \hspace{1cm} : \hspace{1cm} MANHATTAN \hspace{1cm} Agency's \hspace{1cm} Number \hspace{1cm} : \hspace{1cm} N/A \\$

Linear Ft: 661Project Type: FERRIESDate of Survey: 15-Jun-2011Landmark Status: NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$239,900
Total		\$239,900
Priority B		\$239,900
Total		\$239,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$15,700			
Total	\$15,700			
Priority A	\$15,700			
Total	\$15,700	_		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 BULKHEAD @ PIER 26

Bulkheads	Current	Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Gravity Wall							
Stone	25%		LIFE	* *	5	\$14,000	A
Stone	5% 4+	\$15,700	LIFE	* *	5	\$2,800	A
	Broken, Extent : Ser	vere, Area Affected :	50%				
	Location: Broken	Block At Station 0+	00, 0+41,	0+92, And 2+00	(from N	orth)	
	Missing Block Seal,	Extent : Light, Area	Affected :	: 35%			
	Location: Throug	hout					
	Spalling, Extent : Li	ight, Area Affected :	5%				
	Location : Throug	hout In Concrete At	$Top\ Wall$				
Not Accessible	70%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Under Construction	100%						D
Deck Elements							
Railing							
Steel	40%		2021	\$239,900			В
No Component	60%						D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : DOT HARPER ST. FLEET FACILITY TIMBER BULKHEAD

Address : 32-11 HARPER STREET

Borough : QUEENS Agency's Number : N/A
Program / Asset # : DOT0129.000 / 1792 Yr Built/Renovated : 1950 /
Linear Ft : 654 Project Type : FERRIES
Date of Survey : 17-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : 1790 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$955,000	
Total	\$955,000	
Priority A	\$620,600	
Priority B	\$334,400	
Total	\$955,000	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$34,200			
Total	\$34,200			
Priority A	\$30,000			
Priority B	\$4,100			
Total	\$34,200			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 DOT HARPER ST. FLEET FACILITY TIMBER 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				
Gravity Wall	, de la companya de l	200 1 155	#	
Concrete	6% 4+ \$30, Erosion, Extent: Severe, Area Affi Location: At Vertical Joints Stat	ected : 100%	5 \$200	A
Concrete	46%	LIFE **	5 \$1,200	A
33.33.53	Erosion, Extent : Light, Area Affect Location : In Tidal Zone Station	cted : 30%	¢1, <u>1</u> 00	
Timber Crib w/Stone	7%	LIFE **	4 \$1,300	A
	Rotting/Splitting, Extent : Light, A	rea Affected : 30%		
	Location: Tidal Zone Station 3+	•		
	Other Observation, Extent: Mode			
	Location: Tidal Zone Station 3+	·90 To 4+35 (from North)		
	Explanation: Rotting, Splitting			
Timber Crib w/Stone	18% Now \$326,5		4 \$3,400	A
	Other Observation, Extent: Sever	. 55		
	Location: Station 5+20 To 6+35	,		
N G	Explanation: Collapsed, Missing	8		
No Component	13%			D
Not Accessible	10%			D
Pile Supported Wall Timber	13% Now \$246.0	500 LIFE **	4 \$600	٨
Tillibet	Other Observation, Extent: Sever		4 \$000	A
	Location: Station 4+35 To 5+20			
	Explanation: Collapsed, Missing	- ·		
No Component	87%			D
Piles and Bracing				
Timber	13% Now \$47,5	500 2037 **	4 \$12,700	A
	Rotting/Splitting, Extent: Severe,	Area Affected : 100%		
	Location: Station 4+35 To 5+20	(from North)		
No Component	87%			D
Backfill				
Fill				
Stone	31% Now \$52,2		5 \$200	В
	Loss of Backfill, Extent: Severe, A			
	Location: Station 4+35 To 6+35	(from North)		
Not Accessible	69%			D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 DOT HARPER ST. FLEET FACILITY TIMBER 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
Backfill				
Surface				
Asphalt	11%	2025 \$6,200	5 \$800	В
	Cracking, Extent: Light, Area Affected:	5%		
	Location: Station 0+00 To 4+35 (from	n North)		
Topsoil	31% Now \$4,100	2022 \$10,400	5 \$500	В
•	Missing Part, Extent : Severe, Area Affect	cted : 100%		
	Location: Station 4+35 To 6+35 (from	n North)		
Topsoil	31%	2020 \$10,400	5 \$900	В
•	Other Observation, Extent : Light, Area			
	Location: Station 0+00 To 4+35 (from	= =		
	Explanation : Vegetation	,		
Not Accessible	27%			D
Fender				
Piles				
Timber	100% Now \$116,800	2037 **	4 \$15,700	В
	Broken, Extent: Severe, Area Affected:	50%		
	Location: Throughout			
	Missing Part, Extent: Severe, Area Affec	cted : 50%		
	Location: Throughout			
Wales and Chocks				
Timber	100% Now \$165,400	2037 **	4 \$35,500	В
	Missing Part, Extent : Severe, Area Affec	cted : 100%		
	Location: Throughout			

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FERRY DOCKS RIP-RAP DEBRIS

Address : CITY ISLAND

Borough : BRONX Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOT0128.016 \, / \, 1816 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Linear Ft : 55 Project Type : FERRIES

Date of Survey : 10-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : 5643 Lot : 260 BIN :

CAPITAL

Total

Priority

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$100	0.0	1 1 2010
Total		\$100		
Priority A				
Priority B		\$100		
Priority C				
Total		\$100		



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 FERRY DOCKS RIP-RAP DEBRIS

Bulkheads		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Gravity Wall							
Stone	75%		LIFE	* *	5	\$3,500	A
No Component	25%						D
Revetment							
Stone	25%		LIFE	* *	5	\$100	C
No Component	75%						D
Backfill							
Fill							
Sand	100%		2042	* *	5	\$100	В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : FERRY DOCKS TIMBER BULKHEAD

Address : HART ISLAND

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0128.017 / 1817 Yr Built/Renovated :

Linear Ft : 307 Project Type : FERRIES

Date of Survey : 10-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : 5649 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$117,200	\$857,800
Total	\$117,200	\$857,800
Priority A	\$117,200	\$857,800
Total	\$117,200	\$857,800

Total	\$55,300	\$23,000		
Priority C				
Priority B	\$42,100			
Priority A	\$13,200	\$23,000		
Total	\$55,300	\$23,000		
Bulkheads	\$55,300	\$23,000		
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 FERRY DOCKS TIMBER BULKHEAD

Asset #: 1817

Bulkheads	Current Repair	Future Replacemen	nt N	Naintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estimated C FY	ost Cycle (Yrs)	Estimated Cost	Priority Code
Structural					
Piles and Bracing	400-1			4.0.000	
Timber	100% Rotting/Splitting, Extent : Light, Area Location : In Tidal Zone	2025 \$857,8 a Affected : 20%	00 4	\$68,900	A
Revetment					
Stone	70%	LIFE	* * 5	\$1,300	C
No Component	30%				D
Sheet Piles					
Timber	50% Rotting/Splitting, Extent : Light, Area Location : In Tidal Zone	LIIL	** 4	\$2,900	A
Timber	45% 4+ \$100,500 Rotting/Splitting, Extent : Moderate, Location : Tidal Zone		** 4	\$2,600	A
Timber	5% 2-4 \$16,700 Rotting/Splitting, Extent : Severe, Are Location : Tidal Zone	J LII L	** 4	\$300	A
Wales					
Timber	70% Rotting/Splitting, Extent : Light, Area Location :	LIFE	** 4	\$3,200	A
Timber	15% 4+ \$6,600 Rotting/Splitting, Extent : Moderate, Location : In Tidal Zone	J LITE	** 4	\$700	A
Timber	15% 2-4 \$6,600 Rotting/Splitting, Extent: Severe, Are Location: In Tidal Zone At Southed	ea Affected : 75%	* * 4	\$700	A
Backfill					
Fill Sand	20% Now \$13,100 Settlement, Extent : Severe, Area Affe Location : Sinkholes Station 0+00 T	ected : 100%	* * 5 10 (from Soi	\$100	В
Stone	20% Now \$15,800 Erosion, Extent : Severe, Area Affecto Location : Fill Loss Behind Bulkhed	ed : 50%	* * 5	\$100	В
Not Accessible	60%				D
Surface Sand	40% Now \$13,100 Other Observation, Extent: Severe, A Location: Throughout		* * 2-5	\$200	В
	Explanation: Sinkholes Inshore Of	Sheetpile Bulkhead			
Sand	60%	2035	* * 2-5	\$600	В

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ST. GEORGE FERRY TERMINAL / CONCRETE BULKHEAD

Address : 1 BAY STREET

Borough : STATEN ISLAND Agency's Number : N/A

Linear Ft : 2,940 Project Type : FERRIES

Date of Survey : 01-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : 2 Lot : 1 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$373,000	\$42,400
Total	\$373,000	\$42,400
Priority A	\$323,400	\$42,400
Priority B	\$49,600	
Total	\$373,000	\$42,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$78,200			
Total	\$78,200			
Priority A	\$28,000			
Priority B	\$42,400			
Priority C	\$7,900			
Total	\$78,200			



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 ST. GEORGE FERRY TERMINAL / CONCRETE BULKHEAD

Asset #: 1798

Bulkheads	Current Repair	Future Repla	cement	M	aintenance	
System Component Type	% of Fail Date Estimated Cos Total (Years)	st Year Estima FY	nted Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Coping/Curb Timber	4% 2-4 \$6,300 Rotting/Splitting, Extent: Light, Area Location: Station 9+40 To 10+50	a Affected : 40%	* *	5	\$100	C
Timber	1% Now \$1,600 Broken, Extent: Severe, Area Affecte Location: East Of South Wharf For	D LIFE d : 100%	* * 10 To 9+4	5 0 From S	South)	С
No Component	95%					D
Gravity Wall	7570					
Concrete	30% Cracking, Extent: Light, Area Affector Location: Throughout Erosion, Extent: Light, Area Affected Location: Throughout	d : 20%	* *	5	\$3,600	A
	Spalling, Extent: Light, Area Affected	d : 15%				
Concrete	Location : Top Of Wall 7% 4+ \$157,400) LIFE	* *	5	\$800	A
	Location: Throughout Erosion, Extent: Moderate, Area Aff Location: Under Slips 4, 5, And 6 Spalling, Extent: Moderate, Area Aff Location: Top Of Wall					
Stone	16% Broken, Extent: Light, Area Affected Location: Block Corners Througho	put	* *	5	\$39,900	A
	Missing Block Seal, Extent: Light, A. Location: Throughout Spalling, Extent: Moderate, Area Aff Location: Station 1+79 To 4+95 (fected : 15%				
Stone	1% 2-4 \$28,000 Displaced Elements, Extent : Modera Location : Throughout From Station	te, Area Affected : .	**	5	\$2,500	A
Not Accessible	46%					D
Revetment						
Stone No Component	8% 92%	LIFE	* *	5	\$1,400	C D
Sheet Piles Steel	1% Now \$166,100 Corrosion, Extent : Severe, Area Affe Location : Between Slips 3 And 4		* *			A
No Component	99%					D
Backfill Fill						
Not Accessible	100%					D

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 ST. GEORGE FERRY TERMINAL / CONCRETE BULKHEAD

Bulkheads	Curren	t Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Da Total (Years	te Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill							
Surface							
Asphalt	85%		2031	* *	5	\$28,500	В
	Cracking, Extent:	Light, Area Affected	: 30%				
	Location: Throu	ghout And Station 0-	+00 To 7+	-45 (From South)			
Asphalt Pavers	2%		2031	* *	5	\$700	В
Concrete	9%		2031	* *	5	\$3,000	В
Topsoil	4%		2020	\$6,000	5	\$600	В
Fender							
Piles							
Timber	5% Now	\$26,300	2037	* *	4	\$3,500	В
	Rotting/Splitting, E	xtent : Moderate, Ar	ea Affect	ed : 2%			
	Location : From	Station 9+10 To 11+	-15 (Fron	n South)			
No Component	90%						D
Not Accessible	5%						D
Wales and Chocks							
Timber	10% Now	\$49,600	2035	* *	4	\$16,000	В
	Rotting/Splitting, E	Extent : Moderate, Ar	ea Affect	ed : 10%			
	Location: From	Station 9+10 To 11+	-15 (Fron	n South)			
No Component	90%						D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BULKHEAD @ PIER 79

Address : W 38 TH TO MID W40/W41 STS. HUDSON RIVER AT LINCOLN TUNNEL

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0025.021 / 4339 Yr Built/Renovated : 1900 /

Linear Ft : 772 Project Type : HIGHWAYS

Date of Survey : 16-Apr-2013 Landmark Status : NONE

Areas Surveyed :

Block : 665 Lot : 999 BIN :

CAPITAL

Total

Priority

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$1,500	\$1,500	
Total		\$1,500	\$1,500	
Priority B		\$1,500	\$1,500	
Total		\$1,500	\$1,500	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 BULKHEAD @ PIER 79

Bulkheads	Current	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Dat Total (Years)	e Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top							
No Component	33%						D
Not Accessible	67%						D
Sheet Piles							
Steel	33%		LIFE	* *			A
	Recent Replace Evid	dent, Extent : Light,	Area Aff	ected : 100%			
	Location : Norther	rn End Undergoing	Replacen	nent			
No Component	67%						D
Backfill							
Fill							
Not Accessible	100%						D
Surface							
Asphalt	33%		2033	* *	5	\$2,900	В
Concrete	34%		2037	* *	5	\$3,000	В
Under Construction	33%						D
Deck Elements							
Railing							
No Component	67%						D
Under Construction	33%						D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BULKHEAD, CONNER ST. YARD CONCRETE GRAVITY WALL

Address : 3200 CONNER STREET

Borough : BRONX Agency's Number : N/A

Program / Asset # : DOT0128.020 / 1791 Yr Built/Renovated :

Linear Ft : 382 Project Type : HIGHWAYS

Date of Survey : 20-May-2011 Landmark Status : NONE

Areas Surveyed :

Block : 5256 Lot : 200 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$531,700	
Total	\$531,700	
Priority A	\$531,700	
Total	\$531,700	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$6,600			
Total	\$6,600			
Priority A				
Priority B	\$6,600			
Total	\$6,600			



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 BULKHEAD, CONNER ST. YARD CONCRETE GRAVITY WALL

Bulkheads	Current Repair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Gravity Wall						
Concrete	10% 0-2 \$116,900		* *	5	\$200	A
	Erosion, Extent: Severe, Area Affecte. Location: Station 0+00 To 0+30, 0- End		7, 2+70 To 2+80	(from No	orth) And At South	
Concrete	35% Now \$409,000		* *	5	\$500	A
	Missing Part, Extent: Severe, Area Af		ó			
	Location: Stations 1+13 To 2+12 (f					
	Spalling, Extent : Severe, Area Affecte Location : Southern 50 Ft	d: 33%				
			ale ale		\$200	
Concrete	10% 4+ \$5,800		* *	5	\$200	A
	Erosion, Extent : Moderate, Area Affe Location : Throughout Above Mhw	ctea : 25%				
	Spalling, Extent: Moderate, Area Affe	atad . 750/				
	Location: Throughout Above Mhw	ciea . 7570				
Congrata	45%	LIFE	* *	5	\$700	Λ
Concrete	45% Erosion, Extent : Light, Area Affected Location : Throughout On Wall Fac	: 75%		5	\$700	A
Backfill						
Fill						
Stone	5% Now \$2,900	LIFE	* *	5		В
	Loss of Backfill, Extent : Severe, Area Location : Station 1+13 To 1+90 (fr		00%			
Topsoil	3% Now \$1,400		* *			В
торѕоп	Other Observation, Extent: Severe, A					Б
	Location: Station 1+13 To 1+90 (fr		. 100/0			
	Explanation : Loss Of Backfill					
Not Accessible	92%					D
Surface	7270					
Asphalt	93%	2025	\$30,400	5	\$4,100	В
•	Cracking, Extent: Light, Area Affected	d: 10%			,	
	Location : Throughout					
	Settlement, Extent : Light, Area Affect	ed : 2%				
	Location : North End					
Asphalt	7% Now \$2,300	2037	* *	5	\$200	В
_	Missing Part, Extent : Severe, Area Af	fected : 1009	%			
	Location: Station 1+13 To 2+10 (fr	*				
	Settlement, Extent : Severe, Area Affec	eted : 5%				
	Location: Sinkhole At Sta 0+65					

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BULKHEAD/GRAVITY WALL

Address : E. RIVER, 71ST TO 78TH ST. COAST LINE OF 71 ST. TO CL 78 ST

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DOT0025.055 / 4343 Yr Built/Renovated :

Linear Ft : 1,920 Project Type : HIGHWAYS

Date of Survey : 05-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 1483 Lot : 60 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$204,500	\$1,480,300
Total	\$204,500	\$1,480,300
Priority A Priority B	\$204,500	\$86,500 \$1,393,800
Total	\$204,500	\$1,480,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$25,900	\$8,500		
Total	\$25,900	\$8,500		
Priority A				
Priority B	\$25,900	\$8,500		
Total	\$25,900	\$8,500		



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 BULKHEAD/GRAVITY WALL

Asset #: 4343

Bulkheads	Current Repair	Future Re	placement	M	aintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	st Year Est FY	imated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Gravity Wall	100/ 11 0004.50	0 1100	* *	~	Φ1 7 200	
Conc w/Stone Face	10% Now \$204,500 Missing Block Seal, Extent: Severe,			5	\$17,300	A
	Location: At Stations 2+40 To 2+6			+40. 5+3	25 To 5+55 From	
	North End And Isolated Throughou		0,5120105	1 70, 5 15	5 10 5 155 1 70m	
Conc w/Stone Face	40%	LIFE	* *	5	\$69,200	A
	Cracking, Extent : Light, Area Affect	ted : 2%				
	Location: Throughout					
Concrete	5%	LIFE	* *	5	\$400	A
	Erosion, Extent : Moderate, Area Aff	fected : 100%				
	Location : Throughout					
Not Accessible	45%					D
Backfill						
Fill	1000/					-
Not Accessible	100%					D
Surface	48%	2032	* *	5	¢10.500	В
Asphalt Pavers	Settlement, Extent : Light, Area Affec			3	\$10,500	D
	Location: Throughout					
Asphalt Pavers	1% Now \$11,20	0 2038	* *	5	\$100	В
Asphant I avers	Settlement, Extent : Severe, Area Affa			3	\$100	Б
	Location: Station 5+45 From Nort					
Asphalt Pavers	1% 4+ \$11,20		* *	5	\$100	В
rispitate i avers	Settlement, Extent : Moderate, Area			3	Ψ100	Ъ
	Location : Stations 15+00 And 16+	00				
Concrete	30%	2032	* *	5	\$6,600	В
Concrete	Cracking, Extent : Moderate, Area A			5	Ψο,σσσ	D
	Location : Throughout	55				
	Settlement, Extent : Moderate, Area	Affected : 70%				
	Location: Throughout					
Not Accessible	20%					D
Deck Elements						
Railing						
Steel	79%		\$1,376,400			В
	Other Observation, Extent : Light, A	rea Affected : 15	¹ %			
	Location: Throughout					
	Explanation: Coating Loss					
Steel	1% Now \$3,500		\$17,400			В
	Other Observation, Extent: Severe, A Location: Station 4+83 From Nort	55	U%			
	Explanation : Station 4+85 From Nort	ri.				
No Component	20%					D
No Component	ZU70					<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.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : DOT ASPHALT PLANT RELIEVING PLATFORM

Address : 488 HAMILTON AVE. E.SHORE GOWANAS BAY S. OF EXPWAY

Borough : BROOKLYN Agency's Number : N/A

Programs / Accept # 1 POCTO120 011 / 1702

Linear Ft : 520 Project Type : HIGHW Date of Survey : 15-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 625 Lot : 2 BIN :

CAPITAL

Total

Priority

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$56,400	\$400		
Total	\$56,400	\$400		
Priority A	\$16,700			
Priority B	\$39,700	\$400		
Priority C				
Total	\$56,400	\$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.

DEPARTMENT OF TRANSPORTATION - 841 DOT ASPHALT PLANT RELIEVING PLATFORM

Bulkheads	Current R	epair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural							
Relieving Platform Top							
Concrete	10% 4+	\$16,700	LIFE	* *	5	\$200	Α
	Spalling, Extent : Mod		ted : 50%				
	Location: Througho	ut					
Concrete	90%		LIFE	* *	5	\$1,800	Α
Coping/Curb							
Timber	100%		LIFE	* *	5	\$300	С
Piles and Bracing							
Concrete	10%		LIFE	* *	5	\$300	Α
Steel	15%		LIFE	* *	5	\$12,000	A
	Corrosion, Extent: M		ected : 30%	%			
	Location : Splash Zo	ne					
Not Accessible	75%						D
Pile Caps							
Concrete	10%		LIFE	* *	5	\$200	A
Not Accessible	90%						D
Backfill							
Surface							
Asphalt	15%		2032	* *	5	\$900	В
Topsoil	10%		2021	\$2,700	5	\$200	В
Not Accessible	75%						D
	Other Observation, Ex	tent : Light, Area	Affected:	0%			
	Location:						
	Explanation : Reliev	ing Platform Surf	ace Cover	ed With Crushed	Stone.		
Fender							
Piles							
Timber	25%		2032	* *	4	\$4,700	В
	Worn, Extent : Moder		: 30%				
	Location: Througho						
Timber	15% Now	\$13,900	2038	* *	4	\$1,900	В
	Broken, Extent : Sever		100%				
	Location: Througho	ut					
Timber	15% 2-4	\$13,900	2038	* *	4	\$1,900	В
	Worn, Extent : Moder	. ,				, ,	
	Location: Througho						
Not Accessible	45%						D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 DOT ASPHALT PLANT RELIEVING PLATFORM

Bulkheads	С	urrent Repair		Futur	e Replacement	M	aintenance	
System Component Type		ail Date Estin Years)	nated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender								
Wales and Chocks								
Timber	47%			2032	* *	4	\$19,900	В
Worn, Extent : Moderate, Area Affected : 20%								
	Location : T	Throughout						
Timber	1% 1	Now	\$1,300	2038	* *	4	\$300	В
	Broken, Exte	nt : Severe, Are	ea Affected :	100%				
	Location : T	Throughout						
Timber	2%	2-4	\$2,200	2036	* *	4	\$600	В
	Rotting/Splitt	Rotting/Splitting, Extent: Severe, Area Affected: 50%						
	Location : T	Throughout						
Not Accessible	50%							D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : DOT ASPHALT PLANT STEEL SHEET PILE BULKHEAD

Address : 488 HAMILTON AVE. W.SHORE GOWANAS BAY S. OF EXPWAY

Borough : BROOKLYN Agency's Number : N/A

Program / Asset # : DOT0130.012 / 1794 Yr Built/Renovated :

Linear Ft : 31 Project Type : HIGHWAYS

Date of Survey : 15-Dec-2011 Landmark Status : NONE

Areas Surveyed :

Block : 625 Lot : 2 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$122,600	
Total	\$122,600	
Priority A	\$122,600	
Total	\$122,600	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$100		
Total		\$100		
Priority B		\$100		
Total		\$100	_	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 DOT ASPHALT PLANT STEEL SHEET PILE BULKHEAD

Bulkheads		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Sheet Piles								
Steel	35%	Now	\$61,300	LIFE	* *			A
	Broken, Ex	tent : Seve	re, Area Affected :	100%				
	Location	: Broken/n	nissing					
Steel	35%	4+	\$61,300	LIFE	* *			A
	Corrosion,	Extent: S	evere, Area Affecte	ed: 75%				
	Location	: Splash Z	one					
Not Accessible	30%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Concrete	50%			2032	* *	5	\$200	В
Topsoil	50%			2022	\$800	5	\$100	В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : DOT FACILITY BULKHEAD Address : 6080 FLATLANDS AVE.

Borough : BROOKLYN Agency's Number : N/A
Program / Asset # : DOT0130.020 / 1795 Yr Built/Renovated :

Linear Ft : 845 Project Type : HIGHWAYS

Date of Survey : 10-Nov-2010 Landmark Status : NONE

Areas Surveyed :

Block : 8012 Lot : 400 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$471,500	\$43,200
Total	\$471,500	\$43,200
Priority B		\$43,200
Priority C	\$471,500	
Total	\$471,500	\$43,200

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads				
Total				
Priority B				
Priority C				



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 DOT FACILITY BULKHEAD

Bulkheads		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Revetment								
Asphalt remnants	20%			LIFE	* *	5	\$200	C
Stone	80%	Now	\$471,500	LIFE	* *	5	\$4,000	C
	Other Obs	servation, E.	xtent : Severe, Are	a Affecte	ed: 80%			
	Location	a: West Of S	Station 0+75					
	Explana	tion : Insuff	icient Armor / Slop	oe Excee	ds 1:1			
Backfill								
Fill								
Not Accessible	100%							D
Surface		•		•			•	
Topsoil	100%			2020	\$43,200	5	\$4,000	В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : DOT FACILITY/STEEL BULKHEAD UNDER WILLIAMSBURG BRIDGE

Address : 352-372 KENT AVE. / SOUTH 5TH ST. TO SOUTH 6TH ST.

Borough : BROOKLYN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOT0130.030 \, / \, 1796 \qquad \qquad Yr \, Built/Renovated \quad : \, \,$

Linear Ft : 266 Project Type : HIGHWAYS

Date of Survey : 10-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2453 Lot : 1 BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads				
Total				
Priority A				



DEPARTMENT OF TRANSPORTATION - 841 DOT FACILITY/STEEL BULKHEAD UNDER WILLIAMSBURG BRIDGE

Bulkheads	Current Repair	Future Repla	acement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Sheet Piles						
Steel	20%	LIFE	* *			A
	Corrosion, Extent : Light, Area Afj	fected : 25%				
	Location: Throughout					
Not Accessible	80%					D
Wales						
Steel	100%	LIFE	* *	5	\$6,300	A
	Corrosion, Extent : Moderate, Are	a Affected : 100%				
	Location: Throughout					
Pile Caps						
Concrete	65%	LIFE	* *	5	\$500	A
	Recent Replace Evident, Extent : L	ight, Area Affected :	100%			
	Location: Throughout					
No Component	35%					D
Backfill						
Fill						
Under Construction	100%					D
Surface		_		•	_	
Under Construction	100%					D

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : GRAVITY WALL AT HALLETS COVE

Address : 30TH DRIVE TO JUST SOUTH OF 31 AVENUE

Borough : QUEENS Agency's Number : N/A

Linear Ft : 515 Project Type : HIGHWAYS

Date of Survey : 09-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : 499 Lot : 51 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$178,600
Total		\$178,600
Priority B		\$178,600
Total		\$178,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$500	\$1,800		
Total	\$500	\$1,800		
Priority A				
Priority B	\$500	\$1,800		
Total	\$500	\$1,800		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 GRAVITY WALL AT HALLETS COVE

Bulkheads	Current Repa	ir Futur	e Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural						
Gravity Wall						
Concrete	100%	LIFE	* *	5	\$2,100	A
	Cracking, Extent: Light,	Area Affected : 2%				
	Location: Throughout					
	Spalling, Extent : Light, A	rea Affected : 2%				
	Location: Throughout					
Backfill						
Fill						
Not Accessible	100%					D
Surface						,
Concrete	60%	2032	* *	5	\$3,500	В
Topsoil	40%	2021	\$10,500	5	\$1,000	В
Deck Elements						
Railing						
Aluminum	100%	2022	\$178,600			В
Parapet						
Concrete	100%	2024				В

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : RELIEVING PLATFORM
Address : E. RIVER, 59TH TO 63RD ST.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0025.053 / 4341 Yr Built/Renovated :

Linear Ft : 1,223 Project Type : HIGHWAYS

Date of Survey : 15-Apr-2013 Landmark Status : NONE

Areas Surveyed :

Block : 1474 Lot : 60 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$754,200	\$182,800
Total	\$754,200	\$182,800
Priority A Priority B	\$754,200	\$98,000 \$84,800
Total	\$754,200	\$182,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$19,700	\$1,400	\$5,600	
Total	\$19,700	\$1,400	\$5,600	
Priority A	\$19,600			
Priority B		\$1,400	\$5,600	
Total	\$19,700	\$1,400	\$5,600	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RELIEVING PLATFORM

Bulkheads		Current R	epair	Futur	e Replacement	M	aintenance	
System Component Type	, , , , _	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Relieving Platform Top								
Concrete	80%			LIFE	* *	5	\$3,700	A
			ght, Area Affected	: 10%				
	Location:	Through	out					
Concrete	20%	2-4	\$19,600	LIFE	* *	5	\$900	A
		_	ht, Area Affected :	5%				
	Location :	Along To	p Edge					
Pile Supported Wall			****			_	** * * * * * *	
Conc w/Stone Face	25%	2-4	\$207,200	LIFE	**	5	\$24,500	Α
			xtent : Moderate, A	55				
		_	out Above Granite	r ascia r	raneis			
			on On Concrete		* *		фо. 000	
Conc w/Stone Face		Now	\$331,500	LIFE		5	\$9,800	A
			xtent : Severe, Are ottom Half Of Wall		a: 100%			
			nom Haij Oj wan ng Granite Fascia					
Conc w/Stone Face	65%	4+	\$215,500	LIFE	* *	5	\$62.700	Α
Conc W/Stone Face			\$215,500 xtent : Light, Area			5	\$63,700	A
			xiem . Ligni, Area out Above Granite					
	Explanation .			r usciu r	uneis			
Piles and Bracing	Explanaite	m. Erosio	<i>511</i>					
Not Accessible	100%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt	80%			2033	* *	5	\$11,200	В
Asphalt Pavers	20%			2037	* *	5	\$2,800	В
Deck Elements								
Railing	2001			2022	#04.05			ъ
Aluminum	20%			2023	\$84,800	2	φ100	В
Fencing No. Common and	20%			2025	\$12,600	3	\$100	В
No Component	60%							D

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : RELIEVING PLATFORM
Address : E. RIVER, 34TH TO 36TH STS.

Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0025.064 / 4342 Yr Built/Renovated :

Linear Ft : 546 Project Type : HIGHWAYS

Date of Survey : 08-Mar-2012 Landmark Status : NONE

Areas Surveyed :

Block : 966 Lot : 999 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads		\$173,400
Total		\$173,400
Priority B		\$173,400
Total		\$173,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$34,500	\$1,400		
Total	\$34,500	\$1,400		
Priority A	\$13,400			
Priority B	\$21,100	\$1,400		
Total	\$34,500	\$1,400		



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 RELIEVING PLATFORM

Bulkheads	Current Repair	Future Re	placement	Maintenance	
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year Est FY		Cycle Estimated Cost Yrs)	Priority Code
Structural					
Relieving Platform Top					
Concrete/Stone		\$2,100 LIFE	* *		A
	Erosion, Extent : Moderate, A				
	Location: Isolated At Top O		t		
	Spalling, Extent: Moderate, A				
	Location : Isolated At Top O				
Concrete/Stone		\$4,300 LIFE	* *		A
	Missing Part, Extent: Severe,				
	Location: At Stations 3+50				
Concrete/Stone	96%	LIFE	* *		A
	Cracking, Extent : Light, Area	Affected: 5%			
	Location: Throughout				
Piles and Bracing	1000/				ъ.
Not Accessible	100%				D
Lowlevel Pile Caps	50/ N.	Φ.C. 0.0.0 I. I.E.E.	* *		
Timber	5% Now Rotting/Splitting, Extent: Seve	\$6,900 LIFE			A
	Location : Along Bulkhead F		'0		
Not Apposible		ace Intoughout			D
Not Accessible Backfill	95%				D
Fill					
Not Accessible	45%				D
Under Construction	55%				D
Surface	2370				
Asphalt	45%	2032	* *	5 \$2,800	В
Under Construction	55%			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	D
Fender					
Piles					
Timber	20% Now \$	19,500 2038	* *	4 \$2,600	В
	Broken, Extent : Severe, Area	Affected : 100%			
	Location: Throughout				
	Rotting/Splitting, Extent: Seve	ere, Area Affected : 10%	%		
	Location: Throughout				
Timber	25%	2032	* *	4 \$4,900	В
No Component	10%				D
Not Accessible	45%				D
Deck Elements					
Railing					_
Steel	35%	2021	\$173,400		В
Under Construction	65%				D

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : REVETMENT - RIPRAP BULKHEAD

Address : W 205TH TO W 206TH ST HARLEM RIVER, SUB 2 OF ASSET TYPE

Borough : MANHATTAN Agency's Number : N/A

Program / Asset # : DOT0187.000 / 13798 Yr Built/Renovated :

Linear Ft : 296 Project Type : HIGHWAYS

Date of Survey : 20-Nov-2012 Landmark Status : NONE

Areas Surveyed :

Block : 2186 Lot : 9 BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$67,100	
Total	\$67,100	
Priority C	\$67,100	
Total	\$67,100	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$900	\$600		
Total	\$900	\$600		
Priority B Priority C	\$900	\$600		
Total	\$900	\$600		



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 REVETMENT - RIPRAP BULKHEAD

Bulkheads	Current	Repair	Future	Replacement	M	aintenance		
System Component Type	% of Fail Dat Total (Years)	te Estimated Cost	Year I FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural								
Revetment								
Stone	65% 4+	\$67,100	LIFE	* *	5	\$1,200	C	
	Erosion, Extent: M	oderate, Area Affec	ted : 85%					
	Location : Throug	ghout						
	Other Observation,	Extent: Moderate,	Area Affec	ted : 100%				
	Location : Throug	ghout						
	Explanation : Nor	ı-engineered, Inade	quate Place	ement/ Protection	, Concre	te Debris		
Stone	35%		LIFE	* *	5	\$600	С	
	Recent Repair Evident, Extent : Light, Area Affected : 100%							
	Location: Southe	rn 100ft Of Asset						
Backfill								
Fill								
Topsoil	10% 4+	\$600	2052	* *			В	
	Other Observation, Extent : Moderate, Area Affected : 30%							
	Location: North	End Of Park						
	Explanation: Ero	sion Above Rip Rap	Revetment	t				
Not Accessible	90%						D	
Surface								
Topsoil	10% 4+	\$300	2022	\$1,500	5	\$100	В	
_	Erosion, Extent : Moderate, Area Affected : 20%							
	Location: North	End Of Park						
Topsoil	90%		2022	\$13,600	5	\$1,200	В	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BULKHEAD NORTH OF UNIVERSITY HEIGHTS BRIDGE

Address : LANDING ROAD

Borough : BRONX Agency's Number : N/A
Program / Asset # : DOT0209.000 / 14496 Yr Built/Renovated :

Linear Ft : 520 Project Type : WATERWAY BRIDGES

Date of Survey : 28-Feb-2014 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$1,904,100	
Total	\$1,904,100	
Priority A	\$1,723,600	
Priority B	\$180,600	
Total	\$1,904,100	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$67,600			\$900
Total	\$67,600			\$900
Priority A				
Priority B	\$39,800			\$900
Priority C	\$27,800			
Total	\$67,600			\$900



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 BULKHEAD NORTH OF UNIVERSITY HEIGHTS BRIDGE

Asset #: 14496

Bulkheads	Current Repair	Future Replacement	Maintenance	
ystem Component Type	% of Fail Date Estimated Cos Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
ructural				
Coping/Curb				
Timber	100% Now \$27,800 Displaced Elements, Extent: Severe, A Location: Throughout		5 \$300	С
Piles and Bracing				
No Component	55%			D
Not Accessible	45%			D
Sheet Piles				
Steel	55% Now \$1,615,300	LIFE **		A
	Corrosion, Extent : Severe, Area Affec	cted : 100%		
	Location : Tidal Zone. Multiple Hole	es Through Sheeting		
No Component	45%			D
Pile Caps				
Concrete	100% 4+ \$108,200	LIFE **	5 \$1,600	A
	Cracking, Extent : Light, Area Affecte		. ,	
	Location : Horizontal Crack 90 Ft F	rom South, Approximately 20) Ft Long, General	
	Outboard Face Map Cracking		C	
	Spalling, Extent : Moderate, Area Affe	ected : 2%		
	Location: 65 Ft From South, Appro-	ximately 10 Ft Long		
	Other Observation, Extent: Light, Are	ea Affected : 30%		
	Location: Along Top Of South Face	•		
	Explanation: Impact Spalls			
ackfill				
Fill				
Topsoil	30% Now \$31,800	2065 **		В
	Other Observation, Extent : Severe, A	rea Affected : 100%		
	Location: Along North Side Of Stru	cture Above Sheet Pile Wall		
	Explanation : Fill Loss Through Det	teriorated Steel Sheet Pile		
Not Accessible	70%			D
Surface				
Topsoil	70%	2024 \$18,600	5 \$1,700	В
Topsoil	30% Now \$8,000		5 \$400	В
ropson	Other Observation, Extent : Severe, A		σ φ του	В
	Location: 310-450 Ft From South	, ea 12,5 ee ea 1 100 / 0		
	Explanation : Fill Loss			
ender	Zip without T we Dobb			
Piles				
Timber	100% Now \$92,900	2040 **	4 \$12,500	В
1111001	Displaced Elements, Extent: Severe, A		. Ψ12,300	b
	Location : Throughout	JJ		
Wales and Chocks				
Timber	100% Now \$87,700	2040 **	4 \$28,200	В
I IIIIOOI	Displaced Elements, Extent: Severe, A		τ ψ20,200	ט
	=			
	Location: Throughout	JJ		

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE

Address : SOUTH STREET

Borough : MANHATTAN Agency's Number : N/A

 $Program \, / \, Asset \, \# \quad : \, \, DOT0192.000 \, / \, 13891 \qquad \qquad Yr \, Built/Renovated \quad : \, \\$

Area Sq Ft : 1,000 Project Type : FERRIES

Date of Survey : 12-May-2011 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$145,100	\$1,900
Total	\$145,100	\$1,900
Priority A	\$145,100	\$1,900
Total	\$145,100	\$1,900

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$44,800	\$500	\$500	\$12,300
Total	\$44,800	\$500	\$500	\$12,300
Priority A	\$23,600			
Priority B	\$21,200	\$500	\$500	\$12,300
Total	\$44,800	\$500	\$500	\$12,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE

Asset #: 13891

Marinas/Docks	Current Re	pair	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date F Total (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Access Walkways							
Gangways							
Aluminum	75%		2052	* *	1-3	\$39,100	В
Aluminum	25% Now	\$12,000	2048	* *	1-3	\$10,000	В
	Handrail Damage, Exte						
	Location : Security G	_			,		
	Other Observation, Ext						
	Location : Shore Acce		lodged F	rom Connections 1	And Out	Of Alignment	
	Explanation : Displac	rement					
Floating Docks							
Fenders							_
Rubber	100%		2021		1-2		С
	Worn, Extent : Light, A						
	Location : Above Wat	erline Througho	ut				
Barge					_		
Steel	75%		2035	* *	5		Α
	Corrosion, Extent : Light, Area Affected : 10%						
	Location : Above Wat	-					
	Other Observation, Ext	_	Affected	: 2%			
	Location : At Gangwa						
	Explanation: Abrasio	on					
Not Accessible	25%						D
Deck Elements							
Railing	400-						
Steel	100%		2021				A
Electrical							
Conduit	0.50		•040	**			
PVC	95%		2019	\$37,000			Α
PVC	5% Now	\$1,900	2020	\$1,900			Α
	Other Observation, Ext						
	Location : At Gangwa	iy Landing At So	uthern Bo	arge			
	Explanation: Broken						
Lighting Fixture	2001	#21 500	2017	# 24 - 65 2			
Incandescent	20% Now	\$21,600	2017	\$21,600			Α
	Other Observation, Ext						
	Location: On South I	=	insition G	fangway			
	Explanation: Broken	/ Missing					
Incandescent	80%		2017	\$86,400			A
Movable Ramps							
Deck and Railing							
Steel	100%		2035	* *			A

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : CITY ISLAND FERRY DOCK

Address : FORDHAM STREET

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 1,000 Project Type : FERRIES

Date of Survey : 10-Jun-2011 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$621,700	\$489,500
Total	\$621,700	\$489,500
Priority A	\$621,700	\$489,500
Total	\$621,700	\$489,500

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$65,800	\$4,500	\$300	
Total	\$65,800	\$4,500	\$300	
Priority A	\$65,800	\$4,500	\$300	
Total	\$65,800	\$4,500	\$300	



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 CITY ISLAND FERRY DOCK

Asset #: 13923

Marinas/Docks		Current F	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Access Walkways								
Deck						_		
Timber	-	_	ling, Extent : Light out Top Of Deck	2020 , Area Aj	\$40,100 ffected : 100%	5	\$1,300	A
Timber	_		\$4,500 lerate, Area Affecto out Timber Curb	2022 ed : 50%	\$4,500	5	\$100	A
Not Accessible	50%							D
Pile Caps								
Timber		_	ght, Area Affected : Throughout	2042 10%	* *	4		A
Not Accessible	40%							D
Piles and Bracing								
Timber	_	4+ Extent : Mod 1 : Above M	\$3,400 lerate, Area Affecto Ihw	2042 ed : 100%	**	4-5	\$500	A
Timber	73%			2042	* *	4-5	\$9,700	A
Not Accessible	20%							D
Fender								
Piles								
Timber	Location	i : Through	\$364,900 Extent : Moderate, A out ng, Splitting	2027 Area Affe	* * ected : 40%			A
Timber	15%	Now	\$156,400	2027	* *			A
	Location	servation, E 1 : Through tion : Brok	Extent : Severe, Are out	a Affecte	ed : 50%			
Timber	20%			2020	\$208,500			Α
Not Accessible	30%							D
Wales and Chocks								
Timber	Location	servation, E 1 : Through	\$41,400 Extent : Severe, Are out ng, Splitting	2023 a Affecte	\$82,700 ed:50%			A
Timber	50% Other Obs Location	2-4 servation, E 1: Through	\$59,100 Extent : Moderate, A	2023 Area Affe	\$118,200 ected: 50%			A
Timber	15%		0	2023	\$35,500			A

Gallows Frames

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 CITY ISLAND FERRY DOCK

Marinas/Docks	Cui	rrent Repair		Futur	e Replacement	M	aintenance	
System Component Type	, , , , , , ,	Date Estim ears)	ated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Gallows Frames								
Tower Frames								
Steel	5% 4		\$16,400	2031	* *			A
	Other Observa			Area Affe	ected : 50%			
	Location : Co		dware					
	Explanation :	Corrosion						
Timber	- ,	+	\$9,500	2031	* *			A
	Other Observa				ected : 50%			
	Location : Go		s Foundatio	on Piles				
	Explanation :	Rotting						
Timber	90%			2031	* *			A
	Other Observa	tion, Extent :	Light, Area	Affected	1:5%			
	Location: Th	roughout						
	Explanation :	Splitting						
Movable Ramps								
Bearings								
Timber	100%			2031	* *			Α
	Other Observa		Light, Area	Affected	l : 10%			
	Location : Ste							
	Explanation :	Corrosion						
Deck and Railing								
Timber Deck on Steel	40%			2031	* *			Α
	Other Observa							
		O	el Deck Fra	ming An	d Isolated On Ra	il		
	Explanation :							
Timber Deck on Steel			\$32,000	2031	* *			Α
	Other Observa		-	Affected	l : 100%			
	Location : Th							
	Explanation :	Surface Wea	ring					

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : E90TH ST FERRY LANDING

Address : EAST RIVER ESPLANADE AT E90TH ST NORTH END OF CARL SCHURZ PARK

Borough : MANHATTAN Agency's Number : N/A

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks		\$640,700
Total		\$640,700
Priority A		\$640,700
Total		\$640,700

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$5,900	\$20,400	\$10,100	\$3,500
Total	\$5,900	\$20,400	\$10,100	\$3,500
Priority A	\$3,400	\$20,300	\$10,000	\$1,000
Priority B	\$2,600	\$100	\$100	\$2,600
Total	\$5,900	\$20,400	\$10,100	\$3,500



 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 E90TH ST FERRY LANDING

Marinas/Docks		Current Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Estimated Cost (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Access Walkways							
Deck							
Timber	55%		2021	\$215,100	5	\$6,700	A
Not Accessible	45%						D
Gangways							
Aluminum	100%		2043	* *	1-3	\$10,900	В
Pile Caps							
Timber	40%		2043	* *	4	\$400	A
Not Accessible	60%						D
Piles and Bracing							
Timber	60%		2043	* *	4-5	\$21,500	A
Not Accessible	40%						D
Deck Elements							
Railing							
Steel	100%		2021	\$425,600			A
Electrical							
Lighting Fixture							
Incandescent	100%		2017	\$20,300			A
Fender							
Piles							
Timber	50%		2024				A
Not Accessible	50%						D
Wales and Chocks							
Timber	100%		2024				A

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : EAST 34TH ST FERRY LANDING

Address : EAST 34TH STREET @ THE EAST RIVER

Borough : MANHATTAN Agency's Number : N/A

Area Sq Ft : 8,175 Project Type : FERRIES

Date of Survey : 06-Mar-2012 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$36,000	\$942,400
Total	\$36,000	\$942,400
Priority A	\$36,000	\$942,400
Total	\$36,000	\$942,400

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$14,700	\$200	\$200	\$5,800
Total	\$14,700	\$200	\$200	\$5,800
Priority A	\$8,900			
Priority B	\$5,800	\$200	\$200	\$5,800
Total	\$14,700	\$200	\$200	\$5,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.
** Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 EAST 34TH ST FERRY LANDING

Marinas/Docks		Current Repai	r	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date Esti (Years)	mated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Access Walkways								
Gangways								
Aluminum	100%			2049	* *	1-3	\$24,500	В
Floating Docks								
Anchor Piles								
Steel	50%			2049	* *	3-5		Α
	_	oating, Extent :	Light, Area A	ffected :	10%			
	Location	: Along Guides						
Not Accessible	50%							D
Fenders								
Rubber	100%			2022		1-2		C
Barge								
Steel	20%			2036	* *	5	\$7,500	A
Not Accessible	80%							D
Deck Elements								
Railing								
Steel	98%			2022	\$846,600			A
Steel	2%	Now	\$5,200	2022	\$17,300			A
	Broken, Ex	ctent : Severe, A	rea Affected :	10%				
	Location	: At South Barg	e Berth S.2					
Electrical								
Conduit								
Steel	60%			2022	\$78,500			A
PVC	40%			2020	\$30,400			A
Lighting Fixture								
Incandescent	100%			2018	\$36,000			Α
Movable Ramps								
Deck and Railing								
Steel	100%			2036	* *			A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : HART ISLAND FERRY DOCK

Address : HART ISLAND

Borough : BRONX Agency's Number : N/A

Area Sq Ft : 1,000 Project Type : FERRIES

Date of Survey : 10-Jun-2011 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$1,073,100	\$402,300
Total	\$1,073,100	\$402,300
Priority A	\$1,073,100	\$402,300
Total	\$1,073,100	\$402,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$18,500			
Total	\$18,500			
Priority A	\$18,500			
Total	\$18,500			



DEPARTMENT OF TRANSPORTATION - 841 HART ISLAND FERRY DOCK

Marinas/Docks	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
Access Walkways				
Deck				
Timber	100% Surface Wearing/Scaling, Extent : Ligh Location : Throughout Top Of Deck	2020 nt, Area Affected : 40%	5	A
Pile Caps				
Timber	100% Splitting, Extent : Light, Area Affected Location : Isolated Throughout	2042 ** : 5%	4	A
Piles and Bracing				
Timber	70% Splitting, Extent : Light, Area Affected Location : Throughout	2042 ** : 20%	4-5	A
Not Accessible	30%			D
Fender				
Facing Timber	20% Now \$16,000 Other Observation, Extent: Severe, Ar Location: Throughout	2022 \$26,700 rea Affected : 50%		A
TD: 1	Explanation: Missing, Broken	2022 040.000		
Timber	30% 2-4 \$24,000 Other Observation, Extent: Moderate, Location: Throughout Explanation: Rotting, Splitting	2022 \$40,000 Area Affected : 40%		A
Timber	30%	2017 \$40,000		A
	Other Observation, Extent : Light, Area Location : Throughout Explanation : Abrasion	' '		
No Component	20%			D
Piles				
Timber	30% Now \$380,900 Other Observation, Extent: Severe, Ar Location: Throughout Explanation: Broken, Rotting	2027 ** rea Affected : 40%		A
Timber	40% 2-4 \$507,900 Other Observation, Extent: Moderate, Location: Throughout Explanation: Rotting, Splitting	2027 ** Area Affected : 40%		A
Timber	10%	2020 \$127,000		A
Not Accessible	20%			D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 HART ISLAND FERRY DOCK

Marinas/Docks	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Co Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Fender				
Wales and Chocks				
Timber	60% Now \$62,60			A
	Other Observation, Extent: Severe,	Area Affected : 50%		
	Location: Throughout			
	Explanation: Rotting, Splitting			
Timber	40% 2-4 \$41,70	' '		A
	Other Observation, Extent: Modera	te, Area Affected : 40%		
	Location : Throughout			
	Explanation: Rotting, Splitting			
Gallows Frames				
Tower Frames				
Steel	2% 4+ \$6,60	' '		A
	Other Observation, Extent : Light, A			
	Location: Steel Connection Plates	And Hardware		
	Explanation: Corrosion			
Timber	98%	2031 **		A
	Other Observation, Extent: Light, A Location: Throughout	rea Affected : 10%		
	Explanation: Cracking, Splitting			
Movable Ramps				
Bearings				
Timber	100%	2031 **		A
	Other Observation, Extent: Modera	te, Area Affected : 10%		
	Location : Steel Collars			
	Explanation: Corrosion			
Deck and Railing				
Timber Deck on Steel	50%	2031 **		A
	Other Observation, Extent: Light, A			
	Location : Timber Deck And Timb	er Stringers		
	Explanation: Weathering			
Timber Deck on Steel	50% 4+ \$12,00			A
	Other Observation, Extent : Modera	te, Area Affected : 20%		
	Location : Timber Beams Beneath	Timber Deck		
	Explanation: Corrosion			

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ST. GEORGE FERRY TERMINAL FERRY SLIP 1

Address : 1 BAY STREET

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 1,000 Project Type : FERRIES

Date of Survey : 01-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$321,200	\$7,087,300
Total	\$321,200	\$7,087,300
Priority A	\$321,200	\$7,087,300
Total	\$321,200	\$7,087,300

EXPENSE

Total

Priority

Total



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 ST. GEORGE FERRY TERMINAL FERRY SLIP 1

arinas/Docks	Current Repair	Future Replacement	Maintenance	
stem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
nder				
Facing				
Timber	5% 0-2 \$34,600	2022 \$34,600		A
	Other Observation, Extent : Severe, Are	a Affected : 30%		
	Location: Isolated Throughout			
	Explanation: Loose Connections			
Timber	10% 2-4 \$69,200	2022 \$69,200		A
	Other Observation, Extent : Moderate, A	Area Affected : 40%		
	Location: Throughout			
	Explanation: Abrasion			
Timber	80%	2020 \$553,500		A
	Other Observation, Extent : Light, Area	Affected: 30%		
	Location : Throughout			
	Explanation: Abrasion			
Timber	5% Now \$34,600	2022 \$34,600		A
	Other Observation, Extent: Severe, Are	a Affected : 100%		
	Location: Throughout			
	Explanation : Missing			
Piles				
Timber	5% Now \$100,200	2027 **		Α
	Other Observation, Extent : Severe, Are	a Affected : 75%		
	Location: Inshore Piles			
	Explanation: Broken			
Timber	65%	2023 \$3,257,700		A
Not Accessible	30%			D
Wales and Chocks				
Timber	95%	2023 \$3,137,800		Α
Timber	5% Now \$82,600	2026 **		A
	Other Observation, Extent : Severe, Are	a Affected : 100%		
	Location: Inshore Fenders			
	Explanation: Broken Or Missing			

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ST. GEORGE FERRY TERMINAL FERRY SLIPS 3 - 6

Address : 1 BAY STREET

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 1,000 Project Type : FERRIES

Date of Survey : 01-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$5,351,700	\$17,573,500
Total	\$5,351,700	\$17,573,500
Priority A	\$5,351,700	\$17,573,500
Total	\$5,351,700	\$17,573,500

EXPENSE

Total

Priority

Total



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 ST. GEORGE FERRY TERMINAL FERRY SLIPS 3 - 6

Asset #: 13896

Marinas/Docks	Current Repair	Future Replacement	Maintenance	
lystem Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
ender				
Facing	700/	0015 01 005 100		
Timber	70% Other Observation, Extent: Light, Area Location: Throughout Explanation: Abrasion	2017 \$1,937,100 Affected: 30%		A
Timber	20% 4+ \$166,000 Other Observation, Extent: Moderate, Location: Throughout Explanation: Abrasion	2020 \$553,500 Area Affected : 50%		A
Timber	5% 0-2 \$41,500 Other Observation, Extent: Moderate, A Location: Throughout Explanation: Loose Connections	2020 \$138,400 Area Affected : 50%		A
Timber	5% Now \$41,500 Other Observation, Extent: Severe, Are Location: Throughout Explanation: Missing, Broken	2020 \$138,400 va Affected : 100%		A
Piles				
Timber	23% 0-2 \$2,305,500 Other Observation, Extent: Severe, Are Location: Offshore Clusters Explanation: Broken	2027 ** ea Affected : 50%		A
Timber	40% Other Observation, Extent: Moderate, Location: At Top Of Piles Explanation: Splitting	2023 \$8,019,000 Area Affected : 10%		A
Timber	2% Now \$120,300 Other Observation, Extent : Severe, Are Location : Slip 4 North Fender Rack A Explanation : Broken Piles	==	roughout	A
Not Accessible	35%			D
Wales and Chocks				
Timber	40%	2023 \$5,284,600		A
Timber	23% 0-2 \$607,700 Other Observation, Extent: Moderate, I Location: Throughout Explanation: Rotting, Splitting	2023 \$3,038,700 Area Affected : 35%		A
Timber	2% Now \$132,100 Other Observation, Extent: Severe, Are Location: Throughout Explanation: Broken	2027 ** va Affected : 100%		A
Not Accessible	35%			D
11001100000000	3370			

Gallows Frames

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 ST. GEORGE FERRY TERMINAL FERRY SLIPS 3 - 6

Marinas/Docks	Current Repair	Future Repla	cement	Maintena	ance	
System Component Type	% of Fail Date Estimate Total (Years)	d Cost Year Estim	ated Cost	Cycle Estim (Yrs)	nated Cost Prior	rity ode
Gallows Frames						
Tower Frames						
Steel	100%	2031	* *		A	
	Other Observation, Extent : Lig	ht, Area Affected : 5%				
	Location: Throughout					
	Explanation: Coating Loss and	d Corrosion				
Movable Ramps						
Bearings						
Not Accessible	100%				D	
Deck and Railing						
Steel	70%	2031	* *		A	
	Other Observation, Extent : Lig	ht, Area Affected : 5%				
	Location: Throughout					
	Explanation: Coating Loss. R	amp Surfaces Are 50/50	Asphalt/ St	eel		
Not Accessible	30%				D	

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ST. GEORGE FERRY TERMINAL SLIP 7 - FAST FERRY BARGE

Address : 1 BAY STREET

Borough : STATEN ISLAND Agency's Number : N/A

Program / Asset # : DOT0192.040 / 13897 Yr Built/Renovated :

Area Sq Ft : 1,000 Project Type : FERRIES

Date of Survey : 01-Jun-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$700	\$100	\$100	\$2,500
Total	\$700	\$100	\$100	\$2,500
Priority B	\$700	\$100	\$100	\$2,500
Total	\$700	\$100	\$100	\$2,500



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 ST. GEORGE FERRY TERMINAL SLIP 7 - FAST FERRY BARGE

Asset #: 13897

Marinas/Docks	Current Repair	Future Repl	acement	M	aintenance	
System Component Type	% of Fail Date Estimated (Total (Years)	Cost Year Estim FY	ated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Access Walkways						
Gangways Aluminum	Other Observation, Extent : Light, Location : Inshore End Of Gangy	vay	**	1-3	\$8,100	В
Elected Dealer	Explanation: 2 Of 10 Collar Cla	mps On Inshore Bear	ring Rod Bi	roken		
Floating Docks Anchor Piles						
Steel	60% Corrosion, Extent : Light, Area Aff Location : Above Mlw Missing Coating, Extent : Moderat Location : Above Mlw		**	3-5		A
Not Accessible	40%					D
Deck	4070					D
Steel	100% Corrosion, Extent : Light, Area Aff Location : Throughout	2021 fected : 2%				A
Fenders						
Rubber	100%	2021		1-2		C
Railing Steel	100% Missing Coating, Extent : Light, An Location : Throughout	2021 rea Affected : 1%				A
Barge	· ·					
Steel	50% Corrosion, Extent : Light, Area Aff Location : Band At Waterline	2035 Sected : 5%	* *	5		A
Not Accessible	50%					D
Electrical						
Conduit						
Steel	40%	2021				A
PVC	60%	2019				A
Lighting Fixture	1000/	2017				
Incandescent Fender	100%	2017				A
Piles						
Timber	60%	2023				Α
Not Accessible	40%					D
Mech./Plumbing Water Supply						
Galvanized Steel	100%	2021				A
Movable Ramps						
Deck and Railing Steel	25%	2035	* *			A
No Component	75%					D

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ST. GEORGE FERRY TERMINAL SLIP 8 & 69TH STREET

Address : 1 BAY STREET

Borough : STATEN ISLAND Agency's Number : N/A

Area Sq Ft : 1,000 Project Type : FERRIES

Date of Survey : 19-May-2011 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$1,927,700	\$759,300
Total	\$1,927,700	\$759,300
Priority A	\$1,927,700	\$759,300
Total	\$1,927,700	\$759,300

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$14,900			
Total	\$14,900			
Priority A	\$14,900			
Total	\$14,900			



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 ST. GEORGE FERRY TERMINAL SLIP 8 & 69TH STREET

Marinas/Docks	Current Repair	Future Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cost FY	Cycle Estimated Cost (Yrs)	Priority Code
Fender				•
Piles				
Timber	40% Now \$583,800 Other Observation, Extent: Severe, Are Location: Throughout Both Slips Explanation: Mechanical Damage	2027 ** ea Affected : 50%		A
Timber	40% 0-2 \$583,800 Other Observation, Extent: Moderate, Location: Throughout Explanation: Mechanical Damage	2027 ** Area Affected : 30%		A
Not Accessible	20%			D
Wales and Chocks				
Timber	40% Now \$253,100 Other Observation, Extent: Moderate, Location: Throughout Explanation: Splitting/Rotting	2027 ** Area Affected : 50%		A
Timber	50% 2-4 \$316,400 Other Observation, Extent: Light, Area Location: Throughout Explanation: Splitting/Rotting	2023 \$632,800 a Affected : 40%		A
Timber	10%	2020 \$126,600		A
Gallows Frames Tower Frames				
Timber	100% 2-4 \$190,700 Other Observation, Extent: Light, Area Location: 69th Street Slip Explanation: Splitting/Rotting	2037 ** a Affected : 50%		A
Movable Ramps				
Deck and Railing Steel	50% 0-2 \$14,900 Other Observation, Extent: Severe, Ard Location: Base Of Ramp At Slip 8			A
m: 1	Explanation : Break In Frame And Br			
Timber	50%	2031 **		A

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, & PHANTOM

Address : 1 BAY STREET

Borough : STATEN ISLAND Agency's Number : N/A

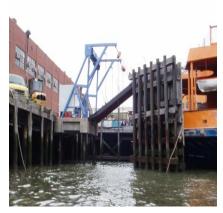
Area Sq Ft : 1,000 Project Type : FERRIES

Date of Survey : 10-May-2011 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$89,500	\$1,006,800
Total	\$89,500	\$1,006,800
Priority A	\$89,500	\$1,006,800
Total	\$89,500	\$1,006,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$29,400			
Total	\$29,400			
Priority A	\$29,400			
Total	\$29,400			



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.

DEPARTMENT OF TRANSPORTATION - 841 ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, & PHANTOM

Asset #: 13899

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
Access Walkways				
Deck	100%	2031 **	5	٨
Concrete	Cracking, Extent : Light, Area Affecte Location : Throughout All Slips	2031	3	A
Piles and Bracing				
Steel	50% Corrosion, Extent : Moderate, Area A Location : In Tidal Zone And Splash Missing Coating, Extent : Light, Area Location : All Three Ramps	a Zone Throughout All Berths	5-10	A
Not Accessible	50%			D
Fender				
Facing Timber	8% 4+ \$11,400 Other Observation, Extent : Moderate Location : Throughout Above Mlw E	e, Area Affected : 30%		A
	Explanation: Abrasion			
Timber	75% Other Observation, Extent: Light, Are Location: Throughout	2020 \$177,900 ea Affected : 30%		A
Timber	Explanation : Abrasion 10% 4+ \$14,200 Other Observation, Extent : Moderate Location : Above Mlw Elevation And Explanation : Checking/splitting	e, Area Affected : 60%		A
Timber	2% Now \$2,800 Other Observation, Extent: Severe, A Location: One Timber At Berth B-1 Explanation: Broken	rea Affected : 100%		A
Not Accessible	5%			D
Piles				
Steel	10% 4+ \$34,500 Corrosion, Extent : Severe, Area Affect Location : At Hardware Connection.	cted : 10%		A
Steel	20% 4+ \$13,800 Corrosion, Extent: Moderate, Area A Location: Above Mlw Elevation The Missing Coating, Extent: Moderate, A	ffected : 30% roughout All Slips		A
	Location : Above Mlw Elevation Thr	roughout All Slips		
Steel	30% Missing Coating, Extent: Light, Area Location: Above Splash Zone Throw			A
Not Accessible	40%			D
110111000001010	1070			

Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, & PHANTOM

Marinas/Docks		Current R	Repair	Futur	e Replacement	M	aintenance	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender								
Wales and Chocks								
Timber	20%	4+	\$37,500	2023	\$75,100			A
			xtent : Moderate, A	Area Affe	ected : 40%			
		: Through						
	Explanati	ion : Splitt	ing					
Timber	78%			2023	\$292,900			A
Timber	2%	Now	\$3,800	2027	* *			A
	Other Obse	ervation, E	xtent : Severe, Are	a Affecte	ed: 100%			
	Location .	: Isolated	Throughout					
	Explanati	ion : Broke	en/ Missing					
Gallows Frames								
Tower Frames								
Steel	100%			2035	* *			A
			xtent : Light, Area					
	Location	: Isolated	Throughout And A	t Support	t Brackets Slip B-1			
	Explanati	ion : Corre	osion					
Movable Ramps								
Deck and Railing								
Steel	99%			2031	* *			A
			xtent : Light, Area	55				
					B-2 And Entirety O	f Phanto	m	
	Explanati	ion : Coati	ng Loss And Corro	osion				
Steel	1%	4+	\$900	2031	* *			A
	Other Obse	ervation, E	xtent : Severe, Are	a Affecte	ed: 100%			
	Location	: Damageo	d Pin At Connectio	n Of Fin	ger Plates Slip B-1	!		
	Explanati	ion : Damo	iged Joint					

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WALL STREET FERRY PIER SLIPS A,C, & E NO. SIDE PIER 11
Address : SOUTH OF THE FOOT OF WALL STREET @ THE EAST RIVER
Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0200.000 / 14194 Yr Built/Renovated :

Area Sq Ft : 748 Project Type : FERRIES
Date of Survey : 10-Apr-2012 Landmark Status : NONE

Areas Surveyed :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$60,800	\$736,800
Total	\$60,800	\$736,800
Priority A	\$60,800	\$736,800
Total	\$60,800	\$736,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$16,600	\$8,900	\$1,100	\$32,800
Total	\$16,600	\$8,900	\$1,100	\$32,800
Priority A	\$3,800	\$8,000		\$26,800
Priority B	\$5,300	\$200	\$200	\$5,300
Priority C	\$7,500	\$700	\$800	\$700
Total	\$16,600	\$8,900	\$1,100	\$32,800



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WALL STREET FERRY PIER SLIPS A,C, & E NO. SIDE PIER 11

Asset #: 14194

Marinas/Docks	Current Repair	Future Replacement		Maintenance			
System Component Type	% of Fail Date Estimated Co Total (Years)	ost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Access Walkways	•						
Deck							
Steel	55%	2049	* *			Α	
	Corrosion, Extent: Light, Area Affect						
	Location : At Bottom Of Gangway.	S					
No Component	45%					D	
Gangways	4000	• • • •	ate ate			_	
Aluminum	100%	2049	**	1-3	\$22,700	В	
	Other Observation, Extent: Light, A			A C			
	Location: Support Bracket Hardw	are At Pier C	onnection Of Slip	A Gang	way		
Floating Docks	Explanation: Corrosion						
Anchor Piles							
Steel	45%	2049	* *	3-5	\$15,700	A	
Steel	Corrosion, Extent : Light, Area Affec			3 3	Ψ13,700	71	
	Location : Above Mlw Elevation A		At Slip E				
	Missing Coating, Extent: Moderate,	-	=				
	Location : Above Mlw Elevation	,					
Not Accessible	55%					D	
Fenders	3370					D	
Rubber	25%	2021	\$2,400	1-2	\$1,900	C	
Rubber	75% 4+ \$7,30		\$7,300	1-2	\$5,000	Č	
110001	Worn, Extent : Moderate, Area Affec		Ψ1,000		φε,σσσ		
	Location : Isolated At Fenders All		ı Side				
Barge							
Steel	40%	2032	* *	5	\$15,900	A	
	Corrosion, Extent : Light, Area Affe	cted : 10%					
	Location: Isolated On Barge Surfa	ace, And Alon	g Sides Of Barges	s Above I	Mlw Elevation		
Not Accessible	60%					D	
Protective Structure							
Donut Fender							
Steel/Rubber	60%	2022				A	
No Component	40%					D	
Deck Elements							
Railing							
Steel	100%	2022	\$736,800			A	
Electrical							
Conduit			.				
PVC	100%	2019	\$22,700			A	
Lighting Fixture	1000/	2015	4-0-000				
Incandescent	100%	2017	\$60,800			Α	

Fender

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WALL STREET FERRY PIER SLIPS A,C, & E NO. SIDE PIER 11

Marinas/Docks	Current Repair	Future F	Replacement	Maintenance	
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year E FY	stimated Cost	Cycle Estimated Cos (Yrs)	Priority Code
Fender					
Piles					
Timber	45%	2027	* *		A
	Other Observation, Extent : Light, Are	ea Affected : 3	30%		
	Location : North Side Of Pier 11				
	Explanation: Worn				
No Component	25%				D
Not Accessible	30%				D
Movable Ramps					
Deck and Railing					
Steel	100%	2036	* *		A
	Other Observation, Extent: Light, Are	ea Affected : 7	75%		
	Location : On Gears Beneath Landin	igs			
	Explanation: Corrosion				

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WALL STREET FERRY PIER SLIPS B & D SOUTH SIDE PIER 11
Address : SOUTH OF THE FOOT OF WALL STREET @THE EAST RIVER
Borough : MANHATTAN Agency's Number : N/A
Program / Asset # : DOT0200.010 / 14265 Yr Built/Renovated :

Area Sq Ft : 500 Project Type : FERRIES
Date of Survey : 10-Apr-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$36,000	\$580,800
Total	\$36,000	\$580,800
Priority A	\$36,000	\$580,800
Total	\$36,000	\$580,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$8,000	\$5,800	\$400	\$19,300
Total	\$8,000	\$5,800	\$400	\$19,300
Priority A	\$2,400	\$5,400		\$15,400
Priority B	\$3,600	\$200	\$200	\$3,600
Priority C	\$2,100	\$300	\$300	\$300
Total	\$8,000	\$5,800	\$400	\$19,300



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WALL STREET FERRY PIER SLIPS B & D SOUTH SIDE PIER 11

Asset #: 14265

Marinas/Docks	Current Repair	Current Repair Future Replacement Maintenance			laintenance		
System Component Type	% of Fail Date Estimated Total (Years)	Cost Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Access Walkways							
Deck	70	•0.40					
Steel	53% Corrosion, Extent : Light, Area A Location : On Gangway Suppo		* * m Of Gangways			A	
No Component	45%					D	
Not Accessible	2%					D	
Gangways							
Aluminum	100%	2049	* *	1-3	\$15,200	В	
Floating Docks							
Anchor Piles							
Steel	45%	2049	* *	3-5	\$7,800	Α	
	Corrosion, Extent : Light, Area A						
	Location : Above Mlw Elevation	•	1 100/				
	Missing Coating, Extent: Moder		ed : 10%				
	Location : Above Mlw Elevation	n					
Not Accessible	55%					D	
Fenders							
Rubber	50% 2-4 \$1 Worn, Extent : Moderate, Area A Location : Fenders On East Sia		\$1,900	1-2	\$1,300	С	
Rubber	50%	2021	\$1,900	1-2	\$1,500	С	
Barge							
Steel	40%	2032	* *	5	\$10,800	A	
	Corrosion, Extent : Light, Area A Location : Isolated On Barge S Waterline		, And Along Sides	Of Barg	es Above The		
Not Accessible	60%					D	
Deck Elements							
Railing							
Steel	100%	2022	\$580,800			A	
Electrical							
Conduit							
PVC	100%	2019	\$13,400			A	
Lighting Fixture	1000	•0.1-	** • • • • •				
Incandescent	100%	2017	\$36,000			Α	
Fender							
Piles	200/	2027	* *				
Timber	30% Other Observation, Extent : Ligh Location : In Tidal Zone Explanation : Worn	2027 t, Area Affected				A	
No Component	50%					D	
Not Accessible	20%					D	
Moveble Domes	2070					ע	

Movable Ramps

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WALL STREET FERRY PIER SLIPS B & D SOUTH SIDE PIER 11

Marinas/Docks	Current Rep	air	Future	Replacement	M	aintenance	
System Component Type	% of Fail Date E Total (Years)	stimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Movable Ramps							
Deck and Railing							
Steel	1% 4+	\$500	2038	* *			A
	Other Observation, Exte	ent : Moderate, Ar	ea Affec	cted : 1%			
	Location: Grating At	Edge Of West Side	e Of Slip	o B Landing			
	Explanation: Broken	Element					
Steel	99%		2032	* *			A
	Other Observation, Exte	ent : Light, Area A	ffected .	: 75%			
	Location : On Gears B	Beneath Landing					
	Explanation: Corrosion	on					

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

: WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER **Asset Name** Address : WEST 39TH STREET & 12TH AVENUE @THE HUDSON RIVER Borough Agency's Number : MANHATTAN : N/A Program / Asset # : DOT0201.000 / 14195 Yr Built/Renovated : 2005 / Area Sq Ft : 19,512 **Project Type** : FERRIES **Date of Survey** : 12-Apr-2012 **Landmark Status** : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$315,100	\$945,600
Total	\$315,100	\$945,600
Priority A	\$315,100	\$945,600
Total	\$315,100	\$945,600

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$25,800	\$2,400	\$2,300	\$17,200
Total	\$25,800	\$2,400	\$2,300	\$17,200
Priority A	\$800			
Priority B	\$15,500	\$700	\$700	\$15,500
Priority C	\$9,400	\$1,700	\$1,600	\$1,700
Total	\$25,800	\$2,400	\$2,300	\$17,200



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER

Asset #: 14195

Marinas/Docks	Current Repa	ir Future	Replacement	M	aintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Access Walkways						
Deck		-0.40				
Steel	15%	2043	* *			A
No Component	85%					D
Gangways Aluminum	100%	2043	* *	1-3	\$65,900	В
Piles and Bracing	10070	2043		1-3	\$05,900	ъ
Steel	50%	2043	* *	5-10	\$1,100	A
5,6601	Corrosion, Extent : Light,			5 10	Ψ1,100	• •
	Location : Above Mlw					
	Missing Coating, Extent:	Light, Area Affected : 13	5%			
	Location: Above Mlw					
Not Accessible	50%					D
Floating Docks						
Anchor Piles						
Steel	50%	2043	* *	3-5		A
	Corrosion, Extent : Light,	Area Affected : 10%				
	Location : Above Mlw					
	Missing Coating, Extent: Location: Above Mlw	Light, Area Affected : 15	5%			
Not Accessible	50%					D
Fenders						
Rubber	60%	2021	\$12,900	1-2	\$10,000	C
Rubber	40% 2-4	\$8,600 2023	\$8,600	1-2	\$5,900	C
	Worn, Extent: Moderate,					
D - '1'	Location : At Contact Po	onni wiin Ferries				
Railing Steel	99%	2021	\$808,500			A
Steel	1% Now	\$800 2021	\$8,200			A
Steel	Broken, Extent : Moderate Location : Chain At Nor	e, Area Affected : 100%				А
	Missing Components, Exte	-				
	Location: Chain At Sou	th End Of Terminal, Slip	1			
Barge						
Steel	50%	2032	* *	5	\$71,900	A
	Corrosion, Extent: Light,					
	Location: Isolated Throughout Top And Sides Of Barges					
	Displaced Component, Ex					
	Location: Up To 2 Inch		n Center Barge A	nd North	& South Barges.	
	Ferry Side Beyond Raili Other Observation, Exten		1%			
	Location : On Side Of Bo					
	Explanation : Impact Da					
Not Accessible	50%	3 8				D
Electrical						•
Conduit						
Steel	100%	2021	\$68,900			A

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER

Marinas/Docks	C	urrent Repair	Future	e Replacement	Maintenance	
System Component Type		il Date Estimated Cost Years)	Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Electrical						
Lighting Fixture						
Incandescent	100%		2017	\$243,100		A
Electrical/Mech.						
Power Supply/Bollards						
Steel	100%		2021	\$13,700		A
Fender						
Piles						
Timber	20%		2024	\$24,100		A
		ation, Extent : Moderate,	Area Affe	cted : 50%		
	Location : T	=				
	Explanation	: Wear				
Timber		Now \$30,100	2028	* *		A
	Other Observ	ation, Extent : Severe, Arc	ea Affecte	d : 50%		
	Location : A	At North Dolphin				
	Explanation	: Broken Piles				
Timber	5%	2-4 \$6,000	2028	* *		A
	Other Observ	ation, Extent : Moderate,	Area Affe	cted : 25%		
	Location : A	At South Dolphin				
	Explanation	: Abrasion Damage And	Broken W	ire Rope		
Not Accessible	50%					D
Movable Ramps						
Deck and Railing						
Steel	100%		2032	* *		A

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3

Address : SOUTH STREET

 $Borough \hspace{1.5cm} : \hspace{.1cm} MANHATTAN \hspace{1.5cm} Agency's \hspace{.1cm} Number \hspace{.1cm} : \hspace{.1cm} N/A$

 $Program \, / \, Asset \, \# \quad : \, \, DOT0190.000 \, / \, 13889 \qquad \qquad Yr \, Built/Renovated \quad : \, \\$

Area Sq Ft : 1,000 Project Type : FERRIES

Date of Survey : 31-May-2011 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$3,491,000	\$12,239,300
Total	\$3,491,000	\$12,239,300
Priority A	\$3,491,000	\$12,239,300
Total	\$3,491,000	\$12,239,300

EXPENSE

Total

Priority

Total



Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3

Asset #: 13889

Marinas/Docks	Current Repair	Future Replacement	Mainten	ance
System Component Type	% of Fail Date Estimated Cost Total (Years)	Year Estimated Cos FY	Cycle Estin (Yrs)	nated Cost Priority Code
Access Walkways				
Deck Concrete	30%	2031 *	* 5	A
Concrete	Cracking, Extent : Light, Area Affected Location : Isolated Throughout		. 3	A
Concrete	15% Cracking, Extent : Moderate, Area Aff	2025 fected : 100%	5	A
	Location : Service Apron Slip 2			
Timber	5%	2020	5	A
Not Accessible	50%			D
Piles and Bracing	40	-0.15		
Steel	40% Corrosion, Extent : Light, Area Affecte Location : Above Mlw	2042 * ed:30%	* 5-10	A
Not Accessible	60%			D
Fender				
Facing Timber	5% Now \$62,300 Other Observation, Extent: Severe, And Location: Throughout Explanation: Missing, Broken		0	A
Timber	20% 2-4 \$249,100	2020 \$415,10	0	A
	Other Observation, Extent : Moderate, Location : Throughout Explanation : Abrasion	, Area Affected : 40%		
Timber	75% Other Observation, Extent : Light, Are Location : Throughout Explanation : Abrasion	2017 \$1,556,60 va Affected : 30%	0	A
Piles	7			
Timber	5% Now \$375,900 Other Observation, Extent : Severe, An Location : Offshore Clusters Explanation : Broken		*	A
Timber	10% 4+ \$751,800 Other Observation, Extent : Moderate, Location : Pile Tops Throughout Explanation : Splitting	2027 * , Area Affected : 30%	*	A
Timber	45%	2023 \$6,766,00	0	A
Not Accessible	40%			D
Wales and Chocks Timber	10% 2-4 \$495,400 Other Observation, Extent : Moderate, Location : Isolated Throughout Explanation : Splitting	2027 * , Area Affected : 40%	*	A
Timber	50%	2023 \$4,954,30	n	A
Not Accessible	50% 40%	2023	U	A D
THOU ACCESSIOIE	70 /0			υ

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3

Marinas/Docks	Current Repa	r Futur	e Replacement	Maintenance	
System Component Type	% of Fail Date Est Total (Years)	imated Cost Year FY	Estimated Cost	Cycle Estimated Cost (Yrs)	Priority Code
Gallows Frames					
Tower Frames					
Steel	100%	2031	* *		A
	Other Observation, Extend	: Light, Area Affected	! : 2%		
	Location : Isolated Thro	ughout			
	Explanation : Coating D	amage			
Movable Ramps					
Bearings					
Not Accessible	100%				D
Deck and Railing					
Steel	69%	2031	* *		A
	Other Observation, Extend	: Light, Area Affected	! : 2%		
	Location : Throughout				
	Explanation : Coating L	oss On Railing			
Steel	1%	2031	* *		A
	Other Observation, Exten	: Light, Area Affected	! : 66%		
	Location: Slips 2 And 3				
	Explanation : 50/50 Asp	=	uting		
Not Accessible	30%				D

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 24-Oct-2014 DEPARTMENT OF TRANSPORTATION - FY 2015

Asset Name : YANKEE STADIUM FERRY LANDING

Address : OFFSHORE OF YANKEE STADIUM PARKING LOT NO 3. EXIT 6 OFF 187

Borough : BRONX Agency's Number : N/A

Program / Asset # : DOT0202.000 / 14196 Yr Built/Renovated :

Area Sq Ft : 2,948 Project Type : FERRIES

Date of Survey : 09-Jan-2012 Landmark Status : NONE

Areas Surveyed :

Block : Lot : BIN :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks		\$276,800
Total		\$276,800
Priority A		\$276,800
Total		\$276,800

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$2,800	\$11,300	\$500	\$2,800
Total	\$2,800	\$11,300	\$500	\$2,800
Priority A	\$700	\$11,200		\$700
Priority B	\$2,000	\$100	\$100	\$2,000
Priority C	\$100	\$100	\$300	\$100
Total	\$2,800	\$11,300	\$500	\$2,800



 $[\]label{lem:maintenance} \textit{Maintenance} \ \textit{\$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841 YANKEE STADIUM FERRY LANDING

Asset #: 14196

Marinas/Docks	Current Repair	Current Repair Future R		Maintenance			
System Component Type	% of Fail Date Estimat Total (Years)	ted Cost Year I	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Access Walkways							
Gangways Steel	100% Corrosion, Extent : Light, Area		* *	1-3	\$8,600	В	
	Location : At Underside And	Along Surface Of E	ast And West Ga	ngways			
Floating Docks							
Anchor Piles	500/	20.42	ماد ماد	2.5	Φ2 000		
Steel	50%	2043	* *	3-5	\$2,900	Α	
	Corrosion, Extent : Light, Area Location : Above Waterline	a Affectea : 5%					
		Salar Amar Afficación I.	200/				
	Other Observation, Extent : Li	дпі, Агеа Ајјестеа :	20%				
	Location : Above Waterline						
	Explanation : Abrasion						
Not Accessible	50%					D	
Deck	1000/	2021	Φ2.500				
Steel	100%	2021	\$2,500			Α	
	Corrosion, Extent : Light, Area Location : Surface And Unde		1 246 2				
	Location : Surface Ana Unae	ersiae Of Elevatea P	ıatform				
Fenders	250/	2021	¢500	1.0	¢400	C	
Rubber	25%	2021	\$500	1-2	\$400	C	
	Worn, Extent : Light, Area Aff						
	Location : Rubber Tires At V						
Rubber	25%	2022	\$500	1-2	\$400	C	
	Worn, Extent : Light, Area Aff Location : North Face Of Ba						
Timber	25%	2021	\$300	3	\$800	С	
	Worn, Extent : Light, Area Aff Location : South Face Of Ba						
No Component	25%					D	
Barge							
Steel	60%	2032	* *	5	\$5,700	A	
	Corrosion, Extent : Light, Area	a Affected : 10%					
	Location : Along Sides Of Bo	arge Above The W. L	And Isolated A	t Barge S	'urface		
	Other Observation, Extent : M	oderate, Area Affect	ed : 100%				
	Location: Barge Listing To	The Southwest					
	Explanation: Listing						
Not Accessible	40%					D	
Deck Elements							
Railing							
Steel	100%	2021	\$276,800			A	
	Corrosion, Extent : Light, Area Location : Isolated Through						
Electrical							
Conduit							
Steel	100%	2022	\$14,100			A	
Lighting Fixture							

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841

Project: HIGHWAYS

CAPITAL		FY	2016 - 2019		F	Y 2020 - 2025
Miscellar	neous Buildings		264,400			72,600
EXPENSE		FY 2016	FY 2017		FY 2018	FY 2019
Miscellar	neous Buildings	212,400	17,000		20,600	24,600
ASSET#	NAME			SQFT	CAPITAL	EXPENSE
545	ARTERIAL & FLEET SER	VICES SHED 2		1,000	0	17,700
546	ARTERIAL & FLEET SER	VICES SHED 3		1,000	0	17,700
547	ARTERIAL & FLEET SER	VICES SHED 4		1,000	0	17,700
548	ARTERIAL & FLEET SER	VICES GUARD HOU	SE 1	96	0	1,700
552	KENT AVENUE BRIDGE	COMPLEX GARAGE	2	3,476	69,700	7,800
553	KENT AVENUE BRIDGE	COMPLEX GARAGE	3	5,466	109,600	12,300
565	ARTERIAL & FLEET SER	VICES STORAGE 2		1,073	0	19,000
566	ARTERIAL & FLEET SER	VICES TRAILER 1		300	0	5,300
567	ARTERIAL & FLEET SER	VICES TRAILER 2		224	0	4,000
568	ARTERIAL & FLEET SER	VICES TRAILER 3		480	0	8,500
569	ARTERIAL & FLEET SER	VICES TRAILER 4		480	0	8,500
570	ARTERIAL & FLEET SER	VICES SHED 1		600	0	10,600
1014	GLENDALE YARD BLDG	. 6		831	0	14,700
1015	GLENDALE YARD BLDG	. 5		913	0	16,200
1016	GLENDALE YARD BLDG	. 8		600	0	10,600
1017	GLENDALE YARD BLDG	. 9		288	0	5,100
1023	KENT AVENUE BRIDGE	COMPLEX GARAGE	4	2,699	54,100	6,100
1025	HAMILTON AVE. ASPHA	LT PLANT STORAG	E	1,472	18,300	7,800
1026	HAMILTON AVE. ASPHA	LT PLANT STORAG	E	96	0	1,700
1027	FLATLANDS AVENUE YA	ARD GARAGE 7		105	0	1,900
1037	FLATLANDS AVENUE YA	ARD GARAGE 3		480	0	8,500
1038	FLATLANDS AVENUE YA	ARD GARAGE 4		1,000	0	17,700
1039	FLATLANDS AVENUE Y	ARD GARAGE 5		1,000	0	17,700
1040	FLATLANDS AVENUE YA	ARD GARAGE 6		576	0	10,200
2728	KENT AVENUE BRIDGE	COMPLEX GARAGE	5	891	0	15,800
14124	BROOKLYN ARTERIAL H	IWYS GARAGE		4,250	85,200	9,600

Project: WATERWAY BRIDGES

CAPITAL			FY 2016 - 2019		FY 2020 - 2025		
Special	Systems		0			0	
EXPENS	Ε	FY 2016	FY 2017		FY 2018	FY 2019	
Special	Systems	11,759,000	12,007,000		12,267,000	14,647,000	
ASSET#	NAME			SQFT	CAPITAL	EXPENSE	
2462	MANHATTAN BR RIVER	IDGE MANHATTAN BRII	DGE/EAST	1,203,814	0	11,838,000	

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2463	WILLIAMSBURG BRIDGE WILLIAMSBURG BR/EAST RIVER	741,020	0	13,443,000
2464	QUEENSBORO BRIDGE QUEENSBORO BR/EAST RIVER	1,287,107	0	14,056,000
2815	BROOKLYN BRIDGE BROOKLYN BRIDGE/I-278 BQE	633,015	0	11,343,000

Project: FERRIES

CAPITAL		FY 2016 - 2019		FY 2020 - 2025
Special Systems		31,800,000		0
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Special Systems	6,365,000	5,948,000	0	0

ASSET#	NAME	SQFT	CAPITAL	EXPENSE
1018	FERRY-JOHN F. KENNEDY		2,000,000	83,000
1021	FERRY-ANDREW J. BARBIERI		6,400,000	2,466,000
1022	FERRY-SAMUEL I. NEWHOUSE		6,400,000	2,466,000
4307	FERRY-ALICE AUSTEN		2,000,000	1,150,000
4308	FERRY-JOHN A. NOBLE		2,000,000	1,150,000
4538	FERRY-MOLINARI		2,500,000	166,000
4539	FERRY-MARCHI		5,000,000	2,166,000
4540	FERRY-SPIRIT		5,500,000	2,666,000

Project: ELECTRIC CONTROL

CAPITAL			FY 2016 - 2019			FY 2020 - 2025
Special S	Systems		46,000,000			0
EXPENSE	Ξ	FY 2016	FY 2017		FY 2018	FY 2019
Special S	Systems	23,650,000	23,650,000		23,650,000	23,650,000
ASSET#	NAME			SQFT	CAPITAL	EXPENSE
2829	STREET LIGHTING SYST	ΈM			46,000,000	94,600,000

Project: HIGHWAYS

CAPITAL	F	Y 2016 - 2019		FY 2020 - 2025
Special Systems		2,235,860,000		0
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Special Systems	0	0	0	0

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2841	STREETS AND HIGHWAYS PRIMARY		375,630,000	0
2842	STREETS AND HIGHWAYS SECONDARY		530,380,000	0
2843	STREETS AND HIGHWAYS LOCAL		1,263,260,000	0
2844	STREETS AND HIGHWAYS ARTERIAL		40,000,000	0
2845	STREETS AND HIGHWAYS STEP		26,590,000	0

 $^{{\}it Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.}$

^{**} Replacement cost estimated to be beyond ten years is not included in this report.

DEPARTMENT OF TRANSPORTATION - 841

Project: TRAFFIC

CAPITAL Special Systems		FY 2016 - 2019 11,420,000			FY 2020 - 2025	
					0	
EXPENSE		FY 2016	FY 2017		FY 2018	FY 2019
Special Systems		33,619,000	33,619,000	33,619,000		33,619,000
ASSET#	NAME			SQFT	CAPITAL	EXPENSE
2830	TRAFFIC LIGHT SYSTEM				11,420,000	134,476,000

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

^{**} Replacement cost estimated to be beyond ten years is not included in this report.