

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : ST. GEORGE STATION FERRY, BUS, TRAIN TERMINAL  
**Address** : 1 RICHMOND TERRACE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0109.000 / 2420 **Yr Built/Renovated** : 1950 / 2005  
**Area Sq Ft** : 279,135 **Project Type** : FERRIES  
**Date of Survey** : 05-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 2 **Lot** : 1 **BIN** : 5141706

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$767,700	\$1,029,100
Interior Architecture	\$123,200	\$369,200
Electrical	\$92,900	
Mechanical		\$38,600
<b>Total</b>	<b>\$983,800</b>	<b>\$1,436,900</b>
Priority A	\$767,700	\$1,029,100
Priority B	\$92,900	\$182,600
Priority C	\$123,200	\$225,200
<b>Total</b>	<b>\$983,800</b>	<b>\$1,436,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$47,100	\$8,800		\$25,000
Interior Architecture		\$9,600		
Electrical	\$22,700	\$29,300	\$24,700	\$37,800
Mechanical	\$85,400	\$51,000	\$104,500	\$48,500
Elevators/Escalators	\$15,200	\$15,200	\$15,200	\$15,200
<b>Total</b>	<b>\$170,400</b>	<b>\$113,800</b>	<b>\$144,400</b>	<b>\$126,500</b>
Priority A	\$47,100	\$8,800		\$25,000
Priority B	\$123,300	\$105,000	\$144,400	\$101,600
Priority C				
<b>Total</b>	<b>\$170,400</b>	<b>\$113,800</b>	<b>\$144,400</b>	<b>\$126,500</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE STATION FERRY, BUS, TRAIN TERMINAL**  
**Asset # : 2420**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior									
Exterior Walls									
Concrete Masonry Unit	4%			LIFE	**	5	\$7,000	A	
Glass Block	2%			LIFE	**	5	\$3,500	A	
Masonry: Brick	35%			LIFE	**	5	\$98,400	A	
Metal/Glass Curt Wall	35%			LIFE	**	5	\$184,600	A	
Metal Panel	22%			2042	**	5-10	\$425,400	A	
Metal Coiling Doors	2%			2035	**	5	\$17,600	A	
Windows									
Aluminum	90%			2038	**	5	\$9,400	A	
Metal Louvers	5%			2031	**	10	\$3,300	A	
Steel	5%	Now	\$29,900	2047	**	5	\$3,300	A	
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%									
Location : Bulkheads									
Thermally Inefficient, Extent : Moderate, Area Affected : 50%									
Location : Slips									
Parapets									
Masonry: Brick	20%			LIFE	**	5	\$3,200	A	
Metal Panel	10%			2042	**	5	\$6,200	A	
Metal Rail	70%			2035	**	5-10	\$203,200	A	
Roof									
Asphalt Macadam	15%			2017	\$242,100	5	\$43,700	A	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Bus Lane Above Main Concourse									
Patching Evident, Extent : Moderate, Area Affected : 30%									
Location : Bus Lane Above Main Concourse									
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : Elevated Steel And Concrete Bus Ramps Not Included In This Survey									
Cast in Place Concrete	10%	Now	\$17,100	LIFE	**			A	
Cracking/Crumbling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Metal Panel	15%			2035	**	10	\$120,200	A	
Modified Bitumen	38%			2027	**	10	\$166,100	A	
Paver: Asphalt	10%			2031	**	10	\$65,600	A	
Sloped Glazing	5%			LIFE	**	5	\$291,300	A	
Not Accessible	5%							D	
Other Observation, Extent : Light, Area Affected : 0%									
Location : Fuel Service / Oil Room Wing									
Explanation : This Is A New Green Roof Covered With Tall Grassy Vegetation									
Under Construction	2%							D	
Other Observation, Extent : Light, Area Affected : 0%									
Location : Elevated Bridge To Former Brooklyn Slips Building									
Explanation : Partial Demolition In Progress									

**Interior**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE STATION FERRY, BUS, TRAIN TERMINAL**

**Asset # : 2420**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	20%			LIFE	* *	5	\$102,000	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At Slips</i>								
<i>Explanation : Movable Steel Ferry Boarding Bridges And Gallows Not Included In This Survey</i>								
Ceramic Tile	75%			2031	* *	5	\$174,800	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Waiting Room And Concourses</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Waiting Room And All Concourses</i>								
<i>Explanation : Laid Over Old Terrazzo Flooring</i>								
Terrazzo	3%			LIFE	* *	5	\$5,500	C
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Main Waiting Room</i>								
<i>Explanation : Inlaid Harbor Map</i>								
Terrazzo	2%			LIFE	* *	5	\$3,600	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Train Turnstile Entrance Area</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Train Turnstile Entrance Area</i>								
<b>Interior Walls</b>								
Ceramic Tile	40%			2031	* *	5	\$63,700	C
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Explanation : New Tiles Applied Over Old Glazed Block Walls</i>								
Ceramic Tile	5%			2031	* *	5	\$8,000	C
Concrete Masonry Unit	10%			LIFE	* *	5	\$6,400	C
Glass: Special Gauge	10%			LIFE	* *	1		C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Ferry Waiting Room</i>								
<i>Explanation : Double Glazed Glass Enclosure And Sliding Boarding Doors</i>								
Gypsum Board	35%			LIFE	* *	5	\$33,400	C
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%			2035	* *	5	\$19,200	B
Exposed Concrete	20%			LIFE	* *	5	\$6,000	B
Exposed Struc: Steel	10%			LIFE	* *			B
Gypsum Board	40%			LIFE	* *	5	\$96,000	B
Metal Panel	20%			LIFE	* *	5	\$48,000	B

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Over 600 Volts</b>								
<b>Service Equipment</b>								
Air Circuit Breaker	100%			2042	* *	3	\$900	B

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**Asset # : 2420**

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
Over 600 Volts								
Transformers								
Dry Type	100%			2035	* *	3	\$1,700	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2000 Kva 4160hv-208y/120lv								
Feeders								
Cable	100%			2038	* *	1		B
Raceway								
Conduit	90%			2042	* *	1		B
Tray	10%			2035	* *	1		B
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2042	* *	5	\$6,100	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 4000 Amps, Six 3200 Amps And Two 2000 Amps Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	20%			2042	* *	5	\$200	B
Molded Case Bkrs	80%			2042	* *	5	\$4,900	B
Raceway								
Conduit	90%			2042	* *	1		B
Tray	10%			2035	* *	1		B
Panelboards								
Fused Disc Sw	10%			2038	* *	5	\$500	B
Molded Case Bkrs	90%			2038	* *	5	\$5,500	B
Wiring								
Thermoplastic	100%			2042	* *	1		B
Motor Controllers								
Locally Mounted	50%			2035	* *	5	\$800	B
Motor Control Center	50%			2035	* *	5	\$3,100	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mechanical Room								
Explanation : All Controllers Hooked Up With Vfd And Connected To Bms								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$3,400	B
Stand-by Power								
Transfer Switches								
Automatic	50%			2035	* *	1	\$35,300	B
Automatic	50%			2042	* *	1	\$35,300	B
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								

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**Asset # : 2420**

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
Stand-by Power									
Generators									
	Diesel	50%			2031	* *	1	\$44,200	B
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Generator Room							
		Explanation : 1000 Kw, Rudox Diesel Genset							
	Diesel	50%			2037	* *	1	\$44,200	B
		Recent Installation, Extent : Light, Area Affected : 100%							
		Location : Generator Room							
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Generator Room							
		Explanation : One 400 Kw							
Batteries									
	Lead/Acid	50%			2016	\$300	5	\$4,200	B
	Lead/Acid	50%			2017	\$300	5	\$4,200	B
Fuel Storage									
	Day Tank	25%			2038	* *	5	\$7,200	B
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Generator Room							
		Explanation : One 250 Gals							
	Day Tank	25%			2047	* *	5	\$7,200	B
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Generator Room							
		Explanation : One 250 Gals							
	Main Tank	50%			2050	* *	5	\$2,300	B
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Underground							
		Explanation : One 4000 Gals							
Lighting									
	Interior Lighting								
	Fluorescent	65%			2027	* *	10	\$92,900	B
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : Throughout							
		Explanation : T-8 Lamps							
	HID	35%			2027	* *	10	\$1,800	B
Egress Lighting									
	Emergency, Service	50%			2027	* *	1		B
	Exit, Service	50%			2027	* *	1		B
Exterior Lighting									
	Fluorescent	5%			2027	* *	10	\$1,000	B
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Pedestrian Ramp							
		Explanation : Compact Spiral Bulbs							
	HID	95%			2027	* *	10	\$700	B
Lightning Protection									
	Arresters/Cabling								
	Generic	100%			2050	* *	5	\$4,600	B

**Alarm**

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**ST. GEORGE STATION FERRY, BUS, TRAIN TERMINAL**

**Asset # : 2420**

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

**Alarm**

<b>Security System</b>								
No Component	70%							D
Generic	30%			2027	* *	1	\$25,600	B
<b>Fire/Smoke Detection</b>								
No Component	70%							D
Generic	30%			2027	* *	1-3	\$42,300	B

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

**Heating**

<b>Energy Source</b>								
Interruptible Gas/Dual Fuel	100%			2048	* *	1		B
<b>Conversion Equipment</b>								
Hot Water Boiler	90%			2039	* *	1	\$69,500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 3 Units</i>								
Radiant Heater	10%			2030	* *	2	\$7,200	B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Concourses</i>								
<i>Explanation : Gas Fired Radiant Heaters In Ceiling</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	100%			2044	* *	4	\$7,700	B
<b>Terminal Devices</b>								
Air Handler	60%			2030	* *	1	\$57,900	B
Convactor/Radiator	40%			2039	* *	1	\$20,200	B

**Air Conditioning**

<b>Energy Source</b>								
Electricity	100%			2044	* *	1		B
<b>Conversion Equipment</b>								
Absorption Chiller/Direct Fire	100%			2030	* *	1	\$168,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 2 Units - Lithium Bromide Refrigerant</i>								
<b>Distribution</b>								
Chilled Wtr Pipe/Pump	100%			2048	* *	4	\$7,700	B
<b>Terminal Devices</b>								
Air Handler/Cool/Ht	100%			2030	* *	1	\$96,400	B
<b>Heat Rejection</b>								
Water Cool Tower	100%			2026	* *	2	\$156,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 4 Cooling Towers Service Both Chillers</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE STATION FERRY, BUS, TRAIN TERMINAL**  
**Asset # : 2420**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$86,900	B
	Exhaust Fans								
	Interior	60%			2030	* *	2	\$2,900	B
	Roof	40%			2030	* *	2	\$1,900	B
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2048	* *	1		B
	Water Heater								
	Electric	100%			2021	\$26,900	4	\$900	B
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Various Locations								
	Explanation : 5 Small Units								
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		B
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		B
	Sewage Ejector(s)								
	Electric	100%			2030	* *	4	\$2,000	B
	Backflow Preventer								
	Generic	100%			2030	* *	1	\$9,600	B
	Fixtures								
	Generic	100%							B
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1-2								
	Explanation : Three Units, Two Passenger, One Freight								
	Escalators								
	Under 20' Rise	100%			LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1-2								
	Explanation : One Unit								
Fire Suppression									
	Standpipe								
	Generic	100%			2048	* *	1-5	\$78,700	B
	Sprinkler								
	Generic	100%			2048	* *	1-2	\$43,700	B

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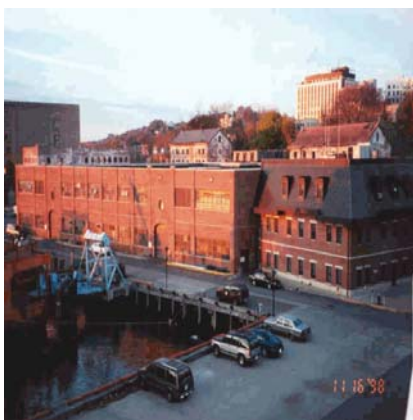
Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$558,300	\$427,500
Interior Architecture	\$108,300	\$159,200
Electrical		\$40,000
Mechanical	\$1,142,500	\$548,700
<b>Total</b>	<b>\$1,809,000</b>	<b>\$1,175,500</b>
Priority A	\$558,300	\$427,500
Priority B	\$1,142,500	\$588,800
Priority C	\$108,300	\$159,200
<b>Total</b>	<b>\$1,809,000</b>	<b>\$1,175,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$4,700	\$11,600		\$16,400
Interior Architecture	\$45,000	\$1,400	\$2,800	\$1,800
Electrical		\$900		\$900
Mechanical	\$8,300	\$12,700	\$18,200	\$31,000
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$65,900</b>	<b>\$34,400</b>	<b>\$28,900</b>	<b>\$57,900</b>
Priority A	\$4,700	\$11,600		\$16,400
Priority B	\$28,400	\$21,500	\$26,100	\$39,800
Priority C	\$32,800	\$1,400	\$2,800	\$1,800
<b>Total</b>	<b>\$65,900</b>	<b>\$34,400</b>	<b>\$28,900</b>	<b>\$57,900</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**VESSEL MAINTENANCE FACILITY**  
**Asset # : 4379**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior									
Exterior Walls									
Cast in Place Concrete	5%			LIFE	**	5	\$27,300	A	
Masonry: Brick	83%	4+	\$297,400	LIFE	**	5	\$90,700	A	
Cracking/Crumbling, Extent : Light, Area Affected : 20%									
Location : Throughout									
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%									
Location : Throughout									
Metal Panel	8%			2042	**	5-10	\$60,100	A	
Metal Coiling Doors	2%			2035	**	5	\$6,800	A	
Pre-Cast Concrete	2%			LIFE	**	5	\$7,100	A	
Windows									
Aluminum	100%	Now	\$138,000	2030	**	5	\$7,300	A	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%									
Location : East Facade, West Facade									
Glazing Clouded, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 20%									
Location : Around Window Frames Throughout									
Parapets									
Masonry: Brick	85%	Now	\$64,300	LIFE	**	5	\$4,900	A	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Metal Panel	10%	Now	\$2,500	2042	**	5	\$1,100	A	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : Coping									
Pre-Cast Concrete	5%	Now	\$2,300	LIFE	**	5	\$1,800	A	
Open Joints, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Roof									
Metal Panel	5%			2035	**	10	\$8,200	A	
Single Ply Membrane	95%	Now	\$58,600	2022	\$293,100			A	
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%									
Location : Lower Roof On South Side									
Water Penetration, Extent : Moderate, Area Affected : 40%									
Location : Third Floor And Machine Shop									

**Interior**

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**DEPARTMENT OF TRANSPORTATION - 841**  
**VESSEL MAINTENANCE FACILITY**  
**Asset # : 4379**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Interior</b>								
<b>Floors</b>								
Carpet	3%			2018	\$16,200	3	\$4,200	C
Cast in Place Concrete	78%	2-4	\$108,300	LIFE	**	5	\$159,200	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	4%			2031	**	5	\$3,700	C
Vinyl Tile	15%	2-4	\$26,100	2027	**	3	\$5,300	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Ceramic Tile	5%			2031	**	5	\$1,900	C
Concrete Masonry Unit	85%			LIFE	**	5	\$12,900	C
Gypsum Board	10%	2-4	\$6,800	LIFE	**	5	\$2,300	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%	Now	\$12,200	2035	**	5	\$4,700	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Third Floor</i>								
Exposed Concrete	30%			LIFE	**	5	\$4,400	B
Exposed Concrete	60%			LIFE	**	5	\$8,700	B

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2032	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 4000 Amps Main Disconnect Switch</i>								
<b>Transformers</b>								
Dry Type	100%			2027	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 15 Kva 480hv-208y/120 Lv</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2032	**	5	\$300	B
<b>Raceway</b>								
Conduit	100%			2032	**	1		B
<b>Panelboards</b>								
Fused Disc Sw	10%			2030	**	5	\$200	B
Molded Case Bkrs	90%			2030	**	5	\$1,700	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**VESSEL MAINTENANCE FACILITY**  
**Asset # : 4379**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Under 600 Volts								
Wiring								
Thermoplastic	100%			2032	* *	1		B
Motor Controllers								
Locally Mounted	100%			2027	* *	5	\$500	B
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$1,000	B
Lighting								
Interior Lighting								
Fluorescent	70%			2030	* *	10	\$40,000	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
			<i>Explanation : T-8 Lamps</i>					
HID	30%			2022		10	\$600	B
Egress Lighting								
Emergency, Battery	50%			2022	\$12,600	10	\$7,500	B
Exit, Service	50%			2022	\$5,000	1		B
Exterior Lighting								
HID	100%			2027	* *	10	\$200	B

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Heating								
Energy Source								
Fuel Oil No 2	100%			2032	* *	5	\$19,300	B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : In Vault</i>					
			<i>Explanation : 20,000 Gallons</i>					
Conversion Equipment								
Steam Boiler	100%	0-2	\$337,900	2042	* *	1	\$55,600	B
			<i>Obsolete Equipment, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Mechanical Room</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Mechanical Room</i>					
			<i>Explanation : 2 Units</i>					
Distribution								
Steam Piping/Pump	100%	Now	\$96,900	2022	\$484,700	4	\$3,100	B
			<i>Corroded, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Leak Evident, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Mechanical Room</i>					

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**DEPARTMENT OF TRANSPORTATION - 841**  
**VESSEL MAINTENANCE FACILITY**  
**Asset # : 4379**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Terminal Devices								
Air Handler	60%	Now	\$67,400	2017	\$224,600	1	\$20,900	B
	Broken, Extent : Moderate, Area Affected : 10%							
	Location : Air Handler							
	Not Energy Efficient, Extent : Light, Area Affected : 10%							
	Location : System Needs Balancing							
Fan Coil Unit/Heat	40%	Now	\$415,700	2032	* *	1	\$7,300	B
	Leak Evident, Extent : Light, Area Affected : 5%							
	Location : Heating Coils In Second Floor Units							
	On Extended Life, Extent : Severe, Area Affected : 100%							
	Location : Throughout							
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		B
Conversion Equipment								
Ext Pkg Unit - Cooling	20%			2022	\$64,100	2	\$800	B
Window/Wall Unit	10%			2020	\$14,300	1		B
No Component	70%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$34,800	B
Exhaust Fans								
Roof	60%	Now	\$3,300	2027	* *	2	\$900	B
	Damaged, Extent : Moderate, Area Affected : 10%							
	Location : Over Office Space							
Wall Unit	40%			2027	* *	2	\$800	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2027	* *	1		B
Water Heater								
Oil Fired	100%			2020	\$21,500	1	\$1,900	B
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Boiler Room							
	Explanation : 117 Gallons							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sewage Ejector(s)								
Electric	100%			2027	* *	4	\$2,000	B
Fixtures								
Generic	100%							B
Vertical Transport								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**VESSEL MAINTENANCE FACILITY**  
**Asset # : 4379**

Mechanical		Current Repair		Future Replacement		Maintenance				
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Vertical Transport										
Elevators										
	Hydraulic	100%			LIFE		* *		C	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>										
<i>Location : 1-3</i>										
<i>Explanation : Two Units - One Passenger, One Freight</i>										
Fire Suppression										
Standpipe										
	Generic	100%			2032		* *	1-5	\$32,700	B
Sprinkler										
	Generic	100%			2032		* *	1-2	\$17,500	B

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :

<b>CAPITAL</b>		<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture		\$943,500	\$997,700
Interior Architecture		\$1,139,400	\$246,200
<b>Total</b>		<b>\$2,083,000</b>	<b>\$1,243,900</b>
Priority A		\$943,500	\$997,700
Priority B		\$294,000	\$182,800
Priority C		\$845,400	\$63,400
<b>Total</b>		<b>\$2,083,000</b>	<b>\$1,243,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$20,000	\$12,700		
Interior Architecture	\$28,100	\$47,500	\$4,300	
Electrical	\$2,500	\$3,600	\$3,400	\$17,300
Mechanical	\$1,200	\$700	\$2,500	\$800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$55,800</b>	<b>\$68,500</b>	<b>\$14,200</b>	<b>\$22,100</b>
Priority A	\$20,000	\$12,700		
Priority B	\$19,900	\$8,300	\$9,900	\$22,100
Priority C	\$16,000	\$47,500	\$4,300	
<b>Total</b>	<b>\$55,800</b>	<b>\$68,500</b>	<b>\$14,200</b>	<b>\$22,100</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST MIDTOWN FERRY TERMINAL / PIER 79**  
**Asset # : 14635**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior									
Exterior Walls									
Metal/Glass Curt Wall	80%	2-4	\$579,900	LIFE	* *	5	\$304,700	A	
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Throughout									
Metal Panel	13%			2048	* *	5-10	\$181,500	A	
Metal Coiling Doors	2%			2039	* *	5	\$12,700	A	
Stucco Cement	5%			2035	* *	5	\$25,400	A	
Parapets									
Metal Rail	100%			2039	* *	5-10	\$690,000	A	
Roof									
Cast in Place Concrete	20%	Now	\$13,600	LIFE	* *			A	
Water Penetration, Extent : Light, Area Affected : 10%									
Location : Throughout									
Spray-on Foam	80%			2027	* *	5	\$185,200	A	
Interior									
Floors									
Carpet	35%			2021	\$511,900	3	\$133,100	C	
Cast in Place Concrete	5%			LIFE	* *	5	\$27,700	C	
Ceramic Tile	50%	Now	\$548,100	2031	* *	5	\$63,400	C	
Cracking/Crumbling, Extent : Severe, Area Affected : 40%									
Location : Throughout									
Poor Subfloor Evident, Extent : Severe, Area Affected : 75%									
Location : Throughout									
Vinyl Tile	10%			2027	* *	3	\$9,500	C	
Interior Walls									
Ceramic Tile	5%			2031	* *	5	\$8,600	C	
Concrete Masonry Unit	5%	2-4	\$16,000	LIFE	* *	5	\$3,500	C	
Cracking/Crumbling, Extent : Light, Area Affected : 5%									
Location : Throughout									
Glass: Special Gauge	40%	Now	\$297,300	LIFE	* *	1		C	
Water Penetration, Extent : Light, Area Affected : 20%									
Location : Throughout									
Gypsum Board	10%			LIFE	* *	5	\$10,400	C	
Metal Panel	40%			LIFE	* *			C	
Ceilings									
AcousTileSusp.Lay-In	10%			2039	* *	5	\$24,400	B	
Embossed Metal	30%	Now	\$113,400	LIFE	* *	5	\$32,900	B	
Broken/Missing Elements, Extent : Light, Area Affected : 10%									
Location : Throughout									
Gypsum Board	60%	Now	\$180,600	LIFE	* *	5	\$182,800	B	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%									
Location : Throughout									

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST MIDTOWN FERRY TERMINAL / PIER 79**  
**Asset # : 14635**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2042	* *	5	\$100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 4000 Amps Main Dfdisconnect Switch</i>						
Transformers								
Dry Type	100%			2035	* *	5	\$100	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 150 Kva And 45 Kva 480hv-208y/120lv</i>						
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	* *	5	\$100	B
Raceway								
Conduit	100%			2042	* *	1		B
Panelboards								
Fused Disc Sw	10%			2038	* *	5		B
Molded Case Bkrs	90%			2030	* *	5	\$400	B
Wiring								
Thermoplastic	100%			2042	* *	1		B
Motor Controllers								
Locally Mounted	100%			2035	* *	5	\$100	B
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							D
<b>Stand-by Power</b>								
Transfer Switches								
Automatic	100%			2035	* *	1	\$5,100	B
Generators								
Diesel	100%			2031	* *	1	\$6,400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : One 134 Kw</i>						
Batteries								
Lead/Acid	100%			2016	\$600	5	\$600	B
Fuel Storage								
Main Tank	100%			2050	* *	5	\$500	B
<b>Lighting</b>								
Interior Lighting								
Fluorescent	20%			2027	* *	10	\$3,000	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Lobby, Facade And Waiting Area</i>						
		<i>Explanation : T-5 Lamps</i>						
Fluorescent	75%			2027	* *	10	\$11,400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-8 Lamps</i>						
Incandescent	5%			2027	* *	2		B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST MIDTOWN FERRY TERMINAL / PIER 79**  
**Asset # : 14635**

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

**Lighting**

Egress Lighting								
Emergency, Service	70%			2027	**	1		B
Exit, LED	30%			2050	**	1		B
Exterior Lighting								
Fluorescent	20%			2027	**	10	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Walkway Shade</i>								
<i>Explanation : T-8 Lamps</i>								
HID	80%			2027	**	10		B

**Lightning Protection**

Arresters/Cabling								
Generic	100%			2050	**	5	\$500	B

**Alarm**

Security System								
No Component	30%							D
Generic	70%			2027	**	1	\$4,300	B
Fire/Smoke Detection								
Generic	100%			2027	**	1-3	\$10,200	B

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

**Heating**

Energy Source								
Natural Gas	100%			2048	**	1		B

**Air Conditioning**

Energy Source								
Electricity	100%			2044	**	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2030	**	2	\$1,000	B
<i>R-22 Refrigerant, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof, A C Units</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 5 Units Provide Heating Through Built In Gas Furnace</i>								

**Ventilation**

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,200	B
Exhaust Fans								
Roof	15%			2030	**	2	\$100	B
No Component	85%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Roof</i>								
<i>Explanation : Ventilation Process Through A C Units</i>								

**Plumbing**

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST MIDTOWN FERRY TERMINAL / PIER 79**  
**Asset # : 14635**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
H/C Water Piping Brass/Copper	100%			2048	* *	1		B
Water Heater Electric	100%			2021	\$2,900	4	\$100	B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer Generic	100%			2030	* *	1	\$1,000	B
Fixtures Generic	100%							B
Vertical Transport								
Elevators Hydraulic	100%			LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 1st : 2nd Floor							
	Explanation : One Unit							
Fire Suppression								
Sprinkler Generic	100%			2048	* *	1-2	\$4,600	B
Fire Pump Generic	100%			2035	* *	1	\$3,100	B

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$382,800	\$1,170,500
Interior Architecture	\$59,300	\$457,300
Electrical		\$108,700
Mechanical		\$627,000
<b>Total</b>	<b>\$442,100</b>	<b>\$2,363,600</b>
Priority A	\$382,800	\$1,170,500
Priority B		\$933,800
Priority C	\$59,300	\$259,300
<b>Total</b>	<b>\$442,100</b>	<b>\$2,363,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$16,800			\$19,000
Interior Architecture	\$18,600	\$2,200	\$16,500	
Electrical	\$22,900	\$20,700	\$18,400	\$27,700
Mechanical	\$69,000	\$97,500	\$73,700	\$115,800
Elevators/Escalators	\$32,600	\$32,600	\$32,600	\$32,600
<b>Total</b>	<b>\$159,800</b>	<b>\$152,900</b>	<b>\$141,200</b>	<b>\$195,200</b>
Priority A	\$16,800			\$19,000
Priority B	\$136,600	\$150,700	\$124,700	\$176,100
Priority C	\$6,400	\$2,200	\$16,500	
<b>Total</b>	<b>\$159,800</b>	<b>\$152,900</b>	<b>\$141,200</b>	<b>\$195,200</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**WHITEHALL FERRY TERMINAL**  
**Asset # : 2418**

Architecture		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior									
Exterior Walls									
	Metal, Corrugated	7%			2048	**	1		A
	Metal Panel	15%			2048	**	5-10	\$209,500	A
	Metal Panel	5%			2042	**	5-10	\$69,800	A
	Pre-Cast Concrete	3%			LIFE	**	5	\$19,800	A
	Window Wall	70%			2048	**	5	\$533,200	A
Parapets									
	Concrete Masonry Unit	10%			LIFE	**	5	\$4,300	A
	Metal Rail	90%			2039	**	5-10	\$621,000	A
Roof									
	Modified Bitumen	80%			2027	**	10	\$138,900	A
	Plaza Roof: Stone Panels	20%	Now	\$16,800	2042	**			A
	Other Observation, Extent : Moderate, Area Affected : 10%								
	Location : Upper And Lower Viewing Decks								
	Explanation : Loose Pavers								
Interior									
Floors									
	Cast in Place Concrete	25%			LIFE	**	5	\$138,600	C
	Cracking/Crumbling, Extent : Light, Area Affected : 5%								
	Location : Ferry Exit Concourses								
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : At Slips								
	Explanation : Movable Steel Boarding Bridges And Gallows Not Included In Survey								
	Ceramic Tile	3%			2031	**	5	\$7,600	C
	Ceramic Tile	10%			2031	**	5	\$25,300	C
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Entrance								
	Explanation : 12x12 Tile								
	Granite Panels	15%			LIFE	**	5	\$28,500	C
	Terrazzo	40%	Now	\$59,300	LIFE	**	5	\$79,200	C
	Cracking/Crumbling, Extent : Light, Area Affected : 2%								
	Location : Main Waiting Room								
	Vinyl Tile	7%			2027	**	3	\$6,700	C
Interior Walls									
	Concrete Masonry Unit	60%			LIFE	**	5	\$41,500	C
	Glass: Special Gauge	10%			LIFE	**	1		C
	Other Observation, Extent : Moderate, Area Affected : 10%								
	Location : Main Waiting Room								
	Explanation : Double Glazed Wall And Sliding Boarding Doors								
	Gypsum Board	20%			LIFE	**	5	\$20,700	C
	Metal Panel	10%	4+	\$6,400	LIFE	**			C
	Deformed/Dented, Extent : Light, Area Affected : 5%								
	Location : Circular Sheet Metal Column Bases Throughout Waiting Area								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WHITEHALL FERRY TERMINAL**  
**Asset # : 2418**

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

## Interior

## Ceilings

AcousTileSusp.Lay-In	10%			2039	* *	5	\$24,400	B
Exposed Struc: Steel	15%			LIFE	* *			B
Gypsum Board	10%			LIFE	* *	5	\$30,500	B
Metal Panel	65%			LIFE	* *	5	\$198,100	B

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

## Service Equipment

Fused Disc Sw	97%			2048	* *	5	\$700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 6000 Amps</i>								

Photovoltaic Panel(s)	3%			2035	* *	1		B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Facing - On Water Side Of Building</i>								
<i>Explanation : Blue Color Panels</i>								

## Transformers

Dry Type	100%			2039	* *	5	\$600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 3 Dry Type At 50 Kva Each</i>								

## Switchgear / Switchboard

Fused Disc Sw	100%			2048	* *	5	\$800	B
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## Raceway

Conduit	100%			2048	* *	1		B
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## Panelboards

Fused Disc Sw	30%			2044	* *	5	\$1,200	B
Molded Case Bkrs	70%			2044	* *	5	\$3,200	B

## Wiring

Thermoplastic	100%			2048	* *	1		B
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## Motor Controllers

Locally Mounted	20%			2039	* *	5	\$200	B
Motor Control Center	80%			2039	* *	5	\$3,700	B

## Ground

## Grounding Devices

Generic	100%			LIFE	* *	5	\$2,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Pump Room</i>								
<i>Explanation : Main Water Pipe</i>								

## Stand-by Power

## Transfer Switches

Automatic	100%			2039	* *	1	\$52,300	B
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**DEPARTMENT OF TRANSPORTATION - 841**  
**WHITEHALL FERRY TERMINAL**  
**Asset # : 2418**

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
Stand-by Power									
	Generators								
	Diesel	100%			2035	* *	1	\$65,600	B
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Penthouse						
			Explanation : One 700 Kva Catterpillar Genset						
Batteries									
	Lead/Acid	100%			2017	\$600	5	\$6,300	B
Fuel Storage									
	Main Tank	100%			2057	* *	5	\$5,000	B
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Ground Floor						
			Explanation : 2600 Gallon Tank						
Lighting									
	Interior Lighting								
	Fluorescent	70%			2030	* *	10	\$108,700	B
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Throughout						
			Explanation : T-8 Lamps						
	HID	30%			2030	* *	10	\$1,700	B
Egress Lighting									
	Exit, Service	100%			2030	* *	1		B
Exterior Lighting									
	HID	100%			2027	* *	10	\$500	B
Lightning Protection									
	Arresters/Cabling								
	Generic	100%			2057	* *	5	\$5,000	B
			Other Observation, Extent : Moderate, Area Affected : 100%						
			Location : Roof						
			Explanation : Steel Type						
Alarm									
	Fire/Smoke Detection								
	No Component	30%							D
	Generic	70%			2030	* *	1-3	\$73,200	B

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WHITEHALL FERRY TERMINAL**  
**Asset # : 2418**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Conversion Equipment								
Hot Water Boiler	90%			2035	**	1	\$75,600	B
	Other Observation, Extent : Light, Area Affected : 90%							
	Location : 3rd Floor M. E. R.							
	Explanation : 1 Unit							
Radiant Heater	10%			2027	**	2	\$7,900	B
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Street Side Of Main Lobby							
	Explanation : Gas Fired Radiant Heater In Main Lobby Ceiling							
Distribution								
Hot Wtr Piping/Pump	100%			2038	**	4	\$12,500	B
Terminal Devices								
Air Handler	90%			2027	**	1	\$94,400	B
Fan Coil Unit/Heat	10%			2027	**	1	\$5,500	B
Air Conditioning								
Energy Source								
Natural Gas	100%			2048	**	1		B
Conversion Equipment								
Absorption	100%			2027	**	1	\$183,500	B
Chiller/Direct Fire								
	R-134a Refrigerant, Extent : Light, Area Affected : 100%							
	Location : 3rd Floor M. E. R.							
Distribution								
Chilled Wtr Pipe/Pump	100%			2042	**	4	\$12,500	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2027	**	1	\$104,900	B
Heat Rejection								
Water Cool Tower	100%			2023	\$541,200	2	\$170,500	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$94,400	B
Exhaust Fans								
Interior	80%			2027	**	2	\$4,200	B
Roof	20%			2027	**	2	\$1,000	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	**	1		B
Water Heater								
Gas Fired	100%			2020	\$43,900	2	\$2,500	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sewage Ejector(s)								
Electric	100%			2027	**	4	\$2,000	B
Backflow Preventer								
Generic	100%			2027	**	1	\$10,500	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WHITEHALL FERRY TERMINAL**  
**Asset # : 2418**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : (2) 1-4 (1) 1-3 (1) 1-2							
	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	\$85,500	B
Sprinkler								
Generic	100%			2042	**	1-2	\$47,500	B
Fire Pump								
Generic	100%			2031	**	1	\$31,700	B

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : ARTERIAL & FLEET SERVICES BOILER HOUSE  
**Address** : 32-11 HARPER STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0092.030 / 2812 **Yr Built/Renovated** : 1937 / 1997  
**Area Sq Ft** : 1,925 **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 2014 - 2017	FY 2018 - 2023
Exterior Architecture		\$653,300	
Electrical		\$65,500	
<b>Total</b>		<b>\$718,700</b>	
Priority A		\$653,300	
Priority B		\$65,500	
<b>Total</b>		<b>\$718,700</b>	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$30,200			
Interior Architecture	\$22,100			
Electrical	\$45,500			
Mechanical	\$100	\$100	\$100	\$100
<b>Total</b>	<b>\$98,000</b>	<b>\$100</b>	<b>\$100</b>	<b>\$100</b>
Priority A	\$30,200			
Priority B	\$50,000	\$100	\$100	\$100
Priority C	\$17,800			
<b>Total</b>	<b>\$98,000</b>	<b>\$100</b>	<b>\$100</b>	<b>\$100</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTERIAL & FLEET SERVICES BOILER HOUSE**  
**Asset # : 2812**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	Now	\$9,600	LIFE	* *	5	\$2,500	A
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : East Facade								
Masonry: Brick	90%	Now	\$150,000	LIFE	* *	5	\$9,100	A
Diagonal Cracks, Extent : Severe, Area Affected : 25%								
Location : South Facade. North Facade								
Horizontal Cracks, Extent : Severe, Area Affected : 50%								
Location : North Facade, South Facade, West Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Vertical Cracks, Extent : Severe, Area Affected : 25%								
Location : South Facade								
Wood Overhead Doors	5%	Now	\$17,900	2043	* *	5	\$1,300	A
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : North Facade, South Facade, West Facade								
Split/Cracked, Extent : Moderate, Area Affected : 50%								
Location : North Facade, South Facade, West Facade								
Windows								
Steel	100%	Now	\$212,000	2048	* *	5	\$23,200	A
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : East Facade, North Facade, South Facade, West Facade								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	Now	\$291,300	LIFE	* *	5	\$4,500	A
Diagonal Cracks, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Misaligned/Bulging, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	\$2,800	LIFE	* *	5	\$1,500	A
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
Location : Coping								
Open Joints, Extent : Moderate, Area Affected : 100%								
Location : Coping								
Roof								
Not Accessible	100%							D

## Interior

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTERIAL & FLEET SERVICES BOILER HOUSE**

**Asset # : 2812**

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

**Interior**

**Floors**

Cast in Place Concrete	100%	Now	\$17,600	LIFE	* *	5	\$8,600	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Boiler Room</i>								

**Interior Walls**

Masonry: Brick	100%			LIFE	* *	10	\$100	C
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**Ceilings**

Exposed Concrete	100%			LIFE	* *	5-10	\$4,900	B
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Boiler Room</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Boiler Room</i>								

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**

**Service Equipment**

Fused Knife Sw	100%	2-4	\$1,600	2053	* *	5		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								

**Switchgear / Switchboard**

Air Circuit Breaker	10%			2033	* *	5		B
Molded Case Bkrs	90%	0-2	\$65,500	2053	* *	5		B
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								

**Raceway**

Conduit	95%	2-4	\$16,600	2053	* *	1		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								

Conduit	5%			2033	* *	1		B
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**Panelboards**

Fused Toggle Switch	90%	0-2	\$14,900	2048	* *	5		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								

Molded Case Bkrs	10%			2022	\$1,700	5		B
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**Wiring**

Braided Cloth	85%	2-4	\$12,000	2048	* *	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								

Thermoplastic	10%			2023	\$1,400	1		B
Thermoplastic	5%			2033	* *	1		B

**Ground**

**Grounding Devices**

Not Accessible	100%							D
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**Lighting**

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTERIAL & FLEET SERVICES BOILER HOUSE**

**Asset # : 2812**

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

**Lighting**

Interior Lighting									
Fluorescent	20%			2018	\$800	10		\$500	B
HID	10%			2018	\$500	10			B
Incandescent	70%			2018	\$2,800	2			B
Exterior Lighting									
HID	100%			2018	\$300	10			B

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

**Heating**

Energy Source									
Natural Gas	100%			2033	* *	1			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Boiler Room</i>									
<i>Explanation : Building Is Abandoned Except For Active Electrical Room</i>									

Conversion Equipment									
Furnace	100%			2023	\$3,600	1		\$1,300	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : 1st Floor</i>									
<i>Explanation : 1 Driect Fire Unit</i>									

**Plumbing**

H/C Water Piping									
Brass/Copper	100%			2023	\$8,800	1			B
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1			B
Storm Drain Piping									
Cast Iron	100%			LIFE	* *	1			B
Fixtures									
Generic	100%								B

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$89,900	
<b>Total</b>	<b>\$89,900</b>	
Priority A	\$89,900	
<b>Total</b>	<b>\$89,900</b>	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$4,200			
Interior Architecture	\$6,200		\$100	
Electrical	\$5,000			
Mechanical	\$100	\$100	\$100	\$100
<b>Total</b>	<b>\$15,400</b>	<b>\$100</b>	<b>\$200</b>	<b>\$100</b>
Priority A	\$4,200			
Priority B	\$7,700	\$100	\$100	\$100
Priority C	\$3,500		\$100	
<b>Total</b>	<b>\$15,400</b>	<b>\$100</b>	<b>\$200</b>	<b>\$100</b>



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

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

\*\* 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 Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	\$54,800	LIFE	* *	5	\$5,600	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	5%	Now	\$3,100	LIFE	* *	5	\$1,000	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Building Base</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Window Sills</i>								
Windows								
Glass Block	100%			LIFE	* *	5	\$800	A
Parapets								
Masonry: Brick	95%	Now	\$35,100	LIFE	* *	5	\$1,800	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Corners</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	5%	Now	\$700	LIFE	* *	5	\$600	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping</i>								
Roof								
Modified Bitumen	100%			2028	* *	10	\$4,500	A
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	* *	5	\$6,900	C
Vinyl Tile	35%			2031	* *	3	\$300	C
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5	\$100	C
Masonry: Brick	75%			LIFE	* *	10	\$100	C
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Concrete	100%			LIFE	* *	5-10	\$3,000	B

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

Note : 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**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Under 600 Volts</b>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	* *	5		B
Raceway								
Conduit	100%			2023	\$2,500	1		B
Panelboards								
Fused Toggle Switch	40%	2-4	\$2,200	2048	* *	5		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Gasoline Attendant Room</i>								
Molded Case Bkrs	60%			2039	* *	5		B
Wiring								
Braided Cloth	70%	2-4	\$2,800	2048	* *	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	30%			2043	* *	1		B
Motor Controllers								
Locally Mounted	100%			2028	* *	5		B
<b>Lighting</b>								
Interior Lighting								
Fluorescent	50%			2023	\$1,900	10	\$700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
HID	5%			2023		10		B
Incandescent	45%			2023	\$1,700	2		B
Exterior Lighting								
HID	100%			2018	\$100	10		B
<b>Mechanical</b>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2033	* *	1		B
Conversion Equipment								
Furnace	100%			2023	\$2,200	1	\$800	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 2 Direct Fired Unit Heaters</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2031	* *	1		B
Conversion Equipment								
Window/Wall Unit	100%			2018	\$3,700	1		B
<b>Ventilation</b>								
Exhaust Fans								
Wall Unit	100%			2023	\$2,700	2	\$100	B

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

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

*\*\* 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**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing								
H/C Water Piping Brass/Copper	100%			2033	* *	1		B
Water Heater Electric	100%			2018	\$300	4		B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture				\$200
Interior Architecture				\$100
Electrical				
Mechanical				
<b>Total</b>				<b>\$200</b>
Priority A				\$200
Priority B				
Priority C				\$100
<b>Total</b>				<b>\$200</b>



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

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

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

Exterior

Exterior Walls								
Window Wall	100%			2043	* *	5	\$1,100	A
Roof								
Roll Roofing	100%			2022	\$1,000	5	\$400	A

Interior

Floors								
Ceramic Tile	100%			2032	* *	5	\$100	C
Ceilings								
Fiber Board	100%			2028	* *			B

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

Under 600 Volts

Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	* *	5		B
Raceway								
Conduit	100%			2033	* *	1		B
Panelboards								
Molded Case Bkrs	100%			2031	* *	5		B
Wiring								
Thermoplastic	100%			2033	* *	1		B

Lighting

Interior Lighting								
Fluorescent	100%			2023	\$200	10	\$100	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								

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

Heating

Energy Source								
Electricity	100%			2043	* *	1		B
Conversion Equipment								
Radiant Heater	100%			2023	\$300	2		B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Office								
Explanation : 1 Unit								

Air Conditioning

Energy Source								
Electricity	100%			2039	* *	1		B
Conversion Equipment								
Window/Wall Unit	100%			2018	\$200	1		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$1,027,200	\$47,800
Interior Architecture	\$482,600	
Electrical		\$220,800
Mechanical		\$532,500
<b>Total</b>	<b>\$1,509,800</b>	<b>\$801,200</b>
Priority A	\$1,027,200	\$47,800
Priority B	\$127,500	\$753,400
Priority C	\$355,000	
<b>Total</b>	<b>\$1,509,800</b>	<b>\$801,200</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$36,900			
Interior Architecture	\$51,700			\$1,500
Electrical	\$20,800		\$500	\$300
Mechanical	\$4,600	\$3,800	\$12,400	\$4,800
<b>Total</b>	<b>\$114,100</b>	<b>\$3,800</b>	<b>\$12,900</b>	<b>\$6,600</b>
Priority A	\$36,900			
Priority B	\$61,300	\$3,800	\$12,900	\$5,100
Priority C	\$15,800			\$1,500
<b>Total</b>	<b>\$114,100</b>	<b>\$3,800</b>	<b>\$12,900</b>	<b>\$6,600</b>



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

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

\*\* 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 Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$470,300	LIFE	* *	5	\$47,800	A
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Facade, North Facade								
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : North Facade, South Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Rusting Masonry Supt, Extent : Severe, Area Affected : 50%								
Location : Above Overhead Doors								
Metal Coiling Doors	10%			2028	* *	5	\$17,600	A
Pre-Cast Concrete	5%	Now	\$19,700	LIFE	* *	5	\$9,100	A
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Window Sills								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Building Base								
Windows								
Aluminum	25%			2039	* *	5	\$3,400	A
Glass Block	75%			LIFE	* *	5	\$12,600	A
Parapets								
Masonry: Brick	95%	Now	\$292,300	LIFE	* *	5	\$22,400	A
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : East Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : North Facade, South Facade								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Interior Face								
Pre-Cast Concrete	5%	Now	\$9,300	LIFE	* *	5	\$7,400	A
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Open Joints, Extent : Moderate, Area Affected : 50%								
Location : Coping								

Note : 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 MAIN GARAGE**

**Asset # : 2412**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior									
Roof									
Asphalt Shingle	65%	Now	\$111,200	2032	**			A	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
	Location : At Ridge								
	Water Penetration, Extent : Moderate, Area Affected : 25%								
	Location : Garage Area								
Modified Bitumen	30%	Now	\$92,700	2028	**			A	
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
	Location : Over Garage Area At Highway Columns								
	Water Penetration, Extent : Moderate, Area Affected : 25%								
	Location : Garage Area								
Skylight, Plastic	5%	Now	\$60,700	2036	**	1		A	
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
	Location : Over Garage Area								
	Water Penetration, Extent : Light, Area Affected : 25%								
	Location : Garage Area								
Interior									
Floors									
Asphalt Macadam	90%	Now	\$255,400	2028	**	5	\$17,300	C	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
	Uneven Substrate, Extent : Moderate, Area Affected : 25%								
	Location : Throughout								
Ceramic Tile	2%			2032	**	5	\$1,500	C	
Vinyl Tile	8%	Now	\$57,400	2033	**	3	\$2,300	C	
	Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
	Location : Office Areas								
	Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
	Location : Office Areas								
Interior Walls									
Cast in Place Concrete	5%	Now	\$12,100	LIFE	**			C	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
	Location : Columns								
Concrete Masonry Unit	30%	Now	\$42,200	LIFE	**	5	\$2,300	C	
	Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
	Location : Wall Dividing Garage Areas								
	Horizontal Cracks, Extent : Severe, Area Affected : 25%								
	Location : Wall Dividing Garage Areas								
Masonry: Brick	65%			LIFE	**	10	\$3,700	C	

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTERIAL & FLEET SERVICES MAIN GARAGE**  
**Asset # : 2412**

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

## Interior

## Ceilings

AcousTileSusp.Lay-In	5%	Now	\$5,000	2028	* *	5	\$1,900	B
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*Broken/Missing Elements, Extent : Moderate, Area Affected : 20%*

*Location : Toilets*

Exposed Struc: Steel	20%			LIFE	* *	10	\$30,800	B
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Exposed Struc: Wood	60%			LIFE	* *	10	\$69,400	B
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*Water Penetration, Extent : Light, Area Affected : 20%*

*Location : Garage Area*

Plaster	15%	Now	\$58,200	LIFE	* *	5	\$7,200	B
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*Broken/Missing Elements, Extent : Severe, Area Affected : 25%*

*Location : East And North Areas Of Garage*

*Cracking/Crumbling, Extent : Moderate, Area Affected : 25%*

*Location : East And North Areas Of Garage*

*Water Penetration, Extent : Severe, Area Affected : 20%*

*Location : Garage*

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

## Under 600 Volts

## Switchgear / Switchboard

Molded Case Bkrs	100%			2023	\$101,800	5	\$1,400	B
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## Raceway

Conduit	50%			2033	* *	1		B
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Conduit	50%			2023	\$16,200	1		B
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## Panelboards

Fused Toggle Switch	5%	2-4	\$3,600	2048	* *	5		B
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*On Extended Life, Extent : Moderate, Area Affected : 100%*

*Location : Painting Work Shop*

Molded Case Bkrs	55%			2031	* *	5	\$800	B
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Molded Case Bkrs	40%			2022	\$28,700	5	\$600	B
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## Wiring

Braided Cloth	40%	2-4	\$11,700	2048	* *	1		B
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*Insulation Aged, Extent : Moderate, Area Affected : 100%*

*Location : Throughout*

Thermoplastic	60%			2033	* *	1		B
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## Motor Controllers

Locally Mounted	50%			2028	* *	5	\$200	B
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Locally Mounted	50%			2021	\$10,400	5	\$200	B
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## 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 MAIN GARAGE**  
**Asset # : 2412**

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Lighting								
Interior Lighting Fluorescent	10%			2018	\$7,700	10	\$4,700	B
		Other Observation, Extent : Moderate, Area Affected : 100%						
		Location : Throughout						
		Explanation : Using T-12 Lamps						
HID	50%			2023	\$50,200	10	\$800	B
HID	40%			2018	\$40,200	10	\$700	B
Egress Lighting Exit, Service	100%			2018	\$8,300	1		B
Exterior Lighting HID	100%			2018	\$10,300	10	\$200	B
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source Natural Gas	100%			2033	* *	1		B
Conversion Equipment Furnace	100%			2023	\$70,000	1	\$25,500	B
		Other Observation, Extent : Light, Area Affected : 100%						
		Location : Various Locations						
		Explanation : 50 Direct Fired Unit Heaters						
Air Conditioning								
Energy Source Electricity	100%			2031	* *	1		B
Conversion Equipment Window/Wall Unit	10%			2018	\$11,800	1		B
No Component	90%							D
Ventilation								
Exhaust Fans Wall Unit	100%			2023	\$86,700	2	\$1,600	B
Plumbing								
H/C Water Piping Brass/Copper	100%			2023	\$171,200	1		B
Water Heater Electric	100%			2016	\$8,900	4	\$500	B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
Fixtures Generic	100%							B
Fire Suppression								
Standpipe Generic	100%			2023	\$204,600	1-5	\$27,000	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : ARTERIAL & FLEET SERVICES OFFICE & STOREHOUSE  
**Address** : 32-11 HARPER STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0092.010 / 2406 **Yr Built/Renovated** : 1937 / 2005  
**Area Sq Ft** : 11,436 **Project Type** : HIGHWAYS  
**Date of Survey** : 14-Sep-2011 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1790 **Lot** : 1 **BIN** : 4444576

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$309,100	
Interior Architecture	\$248,000	\$57,300
Electrical		\$110,300
<b>Total</b>	<b>\$557,100</b>	<b>\$167,600</b>
Priority A	\$309,100	
Priority B	\$144,100	\$110,300
Priority C	\$103,900	\$57,300
<b>Total</b>	<b>\$557,100</b>	<b>\$167,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$23,100			
Interior Architecture	\$36,500			\$1,700
Electrical	\$4,800		\$100	
Mechanical	\$600	\$600	\$600	\$600
<b>Total</b>	<b>\$65,000</b>	<b>\$600</b>	<b>\$700</b>	<b>\$2,300</b>
Priority A	\$23,100			
Priority B	\$21,900	\$600	\$700	\$600
Priority C	\$20,000			\$1,700
<b>Total</b>	<b>\$65,000</b>	<b>\$600</b>	<b>\$700</b>	<b>\$2,300</b>



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

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

*\*\* 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior									
Exterior Walls									
	Masonry: Brick	75%	Now	\$231,600	LIFE	**	5	\$17,600	A
		Horizontal Cracks, Extent : Severe, Area Affected : 25%							
		Location : West Facade, East Facade							
		Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 100%							
		Location : West Facade, East Facade							
		Misaligned/Bulging, Extent : Severe, Area Affected : 20%							
		Location : North Facade							
		Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 10%							
		Location : West Facade							
		Rusting Masonry Supt, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
	Masonry: Granite	5%	Now	\$15,500	LIFE	**	5	\$900	A
		Broken/Missing Elements, Extent : Moderate, Area Affected : 10%							
		Location : Bases Of Piers Along South Facade							
	Metal Sect. OHD	5%			2028	**	5	\$3,700	A
	Pre-Cast Concrete	5%	Now	\$4,100	LIFE	**	5	\$3,800	A
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : North Facade, Widow Sills							
	Stucco Cement	10%			2028	**	5	\$5,900	A
Windows									
	Aluminum	50%			2039	**	5	\$3,100	A
	Glass Block	50%			LIFE	**	5	\$3,800	A
Parapets									
	Masonry: Brick	95%	Now	\$39,100	LIFE	**	5	\$2,000	A
		Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
		Location : Throughout							
		Misaligned/Bowing, Extent : Severe, Area Affected : 25%							
		Location : West Facade							
	Metal Panel	5%			2043	**	5	\$400	A
Roof									
	Modified Bitumen	95%			2028	**	10	\$18,500	A
	Skylight, Metal/Glass	5%	Now	\$38,400	2033	**			A
		Corrosion/Rusting, Extent : Moderate, Area Affected : 15%							
		Location : Over Mens Locker Room							
		Water Penetration, Extent : Moderate, Area Affected : 20%							
		Location : Over Mens Locker Room							

**Interior**

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

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*\*\* 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		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		Code
Interior									
Floors									
	Carpet	5%			2019	\$5,100	3	\$1,800	C
	Cast in Place Concrete	45%			LIFE	* *	5	\$34,600	C
	Ceramic Tile	5%			2032	* *	5	\$900	C
	Vinyl Tile	25%			2018	\$40,900	3	\$2,200	C
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : 9x9 Tiles									
	Vinyl Tile	10%			2023	\$16,400	3	\$900	C
	Wood	10%			2038	* *	5	\$3,300	C
Interior Walls									
	Masonry: Brick	60%	Now	\$103,900	LIFE	* *			C
Diagonal Cracks, Extent : Severe, Area Affected : 25%									
Location : Storage Space									
Vertical Cracks, Extent : Severe, Area Affected : 25%									
Location : Storage Space									
	Plaster	20%			LIFE	* *	5-10	\$1,500	C
	Plywood/Hardboard	10%			LIFE	* *	10	\$100	C
	SGFT/Glazed Masonry	10%			LIFE	* *	10	\$400	C
Ceilings									
	AcousTileSusp.Lay-In	30%			2028	* *	5	\$5,300	B
	Exposed Concrete	20%			LIFE	* *	5-10	\$4,400	B
	Exposed Struc: Wood	25%	Now	\$144,100	LIFE	* *			B
Split/Cracked, Extent : Moderate, Area Affected : 25%									
Location : Storage Area									
Staining/Discoloring, Extent : Moderate, Area Affected : 25%									
Location : Over Storage Area									
	Gypsum Board	10%			LIFE	* *	5-10	\$6,000	B
	Plaster	15%	Now	\$8,900	LIFE	* *	5	\$1,600	B
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%									
Location : Mens Locker Room									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Mens Locker Room									

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	\$58,200	5	\$200	B
Raceway								
Conduit	50%			2023	\$9,300	1		B
Conduit	50%			2033	* *	1		B
Panelboards								
Molded Case Bkrs	80%			2031	* *	5	\$200	B
Molded Case Bkrs	20%			2022	\$4,400	5	\$100	B

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

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

\*\* 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**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Under 600 Volts								
Wiring								
Braided Cloth	20%	2-4	\$4,700	2048	* *	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	80%			2033	* *	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$7,800	5	\$100	B
Lighting								
Interior Lighting								
Fluorescent	90%			2023	\$52,100	10	\$9,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
HID	5%			2018	\$3,800	10		B
Incandescent	5%			2018	\$2,900	2		B
Exterior Lighting								
HID	100%			2018	\$3,800	10		B
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Heating								
Energy Source								
Natural Gas	100%			2033	* *	1		B
Conversion Equipment								
Furnace	100%			2023	\$16,000	1	\$5,800	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 30 Direct Fired Unit Heaters</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2031	* *	1		B
Conversion Equipment								
Window/Wall Unit	60%			2018	\$16,100	1		B
No Component	40%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2033	* *	1		B
Water Heater								
Electric	100%			2021	\$2,000	4	\$100	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B

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

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*\*\* 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

Asset Name : **ARTERIAL & FLEET SERVICES STORAGE 1**  
Address : **32-11 HARPER STREET**  
Borough : **QUEENS** Agency's Number : **N/A**  
Program / Asset # : **DOT0092.040 / 2407** Yr Built/Renovated : **1937 / 1997**  
Area Sq Ft : **1,758** 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 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$51,800	
<b>Total</b>	<b>\$51,800</b>	
Priority A	\$51,800	
<b>Total</b>	<b>\$51,800</b>	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$30,700			
Interior Architecture	\$11,900			\$100
Electrical	\$6,400			
Mechanical	\$100	\$100	\$100	\$100
<b>Total</b>	<b>\$49,100</b>	<b>\$100</b>	<b>\$100</b>	<b>\$200</b>
Priority A	\$30,700			
Priority B	\$11,900	\$100	\$100	\$100
Priority C	\$6,500			\$100
<b>Total</b>	<b>\$49,100</b>	<b>\$100</b>	<b>\$100</b>	<b>\$200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTERIAL & FLEET SERVICES STORAGE 1**  
**Asset # : 2407**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$51,800	LIFE	**	5	\$7,900	A
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
	Location : Corners							
	Diagonal Cracks, Extent : Severe, Area Affected : 10%							
	Location : Throughout							
	Horizontal Cracks, Extent : Moderate, Area Affected : 20%							
	Location : East Facade, West Facade							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
Metal Coiling Doors	10%			2028	**	5	\$2,900	A
Pre-Cast Concrete	5%	Now	\$3,300	LIFE	**	5	\$1,500	A
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
	Location : At Window Sills, Building Base							
Windows								
Glass Block	100%			LIFE	**	5	\$4,200	A
Parapets								
Masonry: Brick	95%	Now	\$16,400	LIFE	**	5	\$1,300	A
	Diagonal Cracks, Extent : Moderate, Area Affected : 15%							
	Location : At Corners							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Metal Panel	5%			2043	**	5	\$300	A
Roof								
Modified Bitumen	95%			2028	**	10	\$6,400	A
Skylight, Metal/Glass	5%	Now	\$8,900	2033	**			A
	Corrosion/Rusting, Extent : Moderate, Area Affected : 10%							
	Location : Main Roof							
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%							
	Location : Main Roof							
Interior								
Floors								
Cast in Place Concrete	80%			LIFE	**	5	\$12,600	C
Vinyl Tile	20%			2018	\$6,700	3	\$400	C
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : 9x9 Tiles							
Interior Walls								
Masonry: Brick	100%			LIFE	**	10	\$100	C
Ceilings								
Exposed Struc: Wood	100%			LIFE	**	10	\$5,400	B
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

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

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTERIAL & FLEET SERVICES STORAGE 1**  
**Asset # : 2407**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Under 600 Volts</b>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	* *	5		B
Raceway								
Conduit	100%			2023	\$2,500	1		B
Panelboards								
Fused Disc Sw	20%			2031	* *	5		B
Fused Toggle Switch	80%	2-4	\$4,400	2048	* *	5		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Receiving Office Room</i>								
Wiring								
Braided Cloth	50%	2-4	\$2,000	2048	* *	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	50%			2033	* *	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$1,800	5		B
<b>Lighting</b>								
Interior Lighting								
Fluorescent	95%			2023	\$5,400	10	\$2,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
HID	5%			2018		10		B
Exterior Lighting								
HID	100%			2018	\$100	10		B
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2033	* *	1		B
Conversion Equipment								
Furnace	100%			2023	\$3,300	1	\$1,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 2 Direct Fired Unit Heaters</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2031	* *	1		B
Conversion Equipment								
Window/Wall Unit	20%			2018	\$1,100	1		B
No Component	80%							D
<b>Ventilation</b>								
Exhaust Fans								
Wall Unit	100%			2023	\$4,100	2	\$100	B

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*\*\* 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**

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

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : BAYRIDGE GARAGE  
**Address** : 8501 FIFTH AVENUE  
**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** : 17-Feb-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3,4  
**Block** : 6036 **Lot** : 1 **BIN** : 3153196

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$64,300	\$45,900
Interior Architecture	\$439,200	\$97,500
Electrical	\$353,300	\$36,000
<b>Total</b>	<b>\$856,800</b>	<b>\$179,500</b>
Priority A	\$64,300	\$45,900
Priority B	\$353,300	\$36,000
Priority C	\$439,200	\$97,500
<b>Total</b>	<b>\$856,800</b>	<b>\$179,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$21,300		\$12,300	
Interior Architecture	\$27,700	\$1,100		\$400
Electrical	\$1,400	\$2,300	\$53,900	\$1,400
Mechanical	\$15,000		\$100	
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$73,100</b>	<b>\$11,300</b>	<b>\$74,200</b>	<b>\$9,600</b>
Priority A	\$21,300		\$12,300	
Priority B	\$24,200	\$10,200	\$61,900	\$9,300
Priority C	\$27,700	\$1,100		\$400
<b>Total</b>	<b>\$73,100</b>	<b>\$11,300</b>	<b>\$74,200</b>	<b>\$9,600</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BAYRIDGE GARAGE**  
**Asset # : 14316**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	35%			LIFE	* *	5	\$45,900	A
Concrete Masonry Unit	10%	Now	\$17,800	LIFE	* *	5	\$1,600	A
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : East Facade								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Masonry: Brick	16%			LIFE	* *	5	\$4,200	A
Masonry: Granite	2%			LIFE	* *	5	\$400	A
Metal Panel	15%			2031	* *	5-10	\$27,000	A
Metal Coiling Doors	2%			2034	* *	5	\$1,600	A
Pre-Cast Concrete	10%			LIFE	* *	5	\$8,500	A
Window Wall	10%			2041	* *	5	\$9,800	A
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : West And South Sides								
Explanation : Sections Of The First Floor Are Occupied By A Bank And Stores								
Windows								
Metal Louvers	25%			2030	* *	10	\$2,500	A
No Component	75%							D
Parapets								
Cast in Place Concrete	85%			LIFE	* *	5	\$20,700	A
Metal Rail	5%			2034	* *	5-10	\$2,100	A
Metal: Cage/Fence	10%	2-4	\$1,400	2026	* *	5	\$800	A
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : East Facade								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : East Facade								
Roof								
Traffic Topping	95%	Now	\$64,300	2026	* *			A
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Over Level 4								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Level 4								
Not Accessible	5%							D

## Interior

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BAYRIDGE GARAGE**  
**Asset # : 14316**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Floors								
Cast in Place Concrete	25%	Now	\$73,700	LIFE	**	5	\$54,200	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Near Basement Entrance</i>								
Ceramic Tile	2%			2030	**	5	\$2,000	C
Traffic Topping	70%	Now	\$365,500	2026	**	5	\$43,400	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Levels One And Two</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Levels One And Two</i>								
Vinyl Tile	3%	0-2	\$27,700	2031	**	3	\$1,100	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Office</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Office</i>								
Interior Walls								
Cast in Place Concrete	70%			LIFE	**			C
Ceramic Tile	2%			2030	**	5	\$200	C
Concrete Masonry Unit	20%			LIFE	**	5	\$800	C
Masonry: Brick	8%			LIFE	**			C
Ceilings								
Exposed Concrete	100%			LIFE	**	5	\$15,500	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Level 4</i>								

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								
Service Equipment								
Fused Disc Sw	100%			2021	\$5,100	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 800 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2021	\$29,100	5	\$1,900	B
Raceway								
Conduit	100%			2021	\$36,000	1		B
Panelboards								
Fused Disc Sw	20%			2020	\$5,500	5	\$300	B
Molded Case Bkrs	80%			2020	\$22,000	5	\$1,500	B
Wiring								
Thermoplastic	100%			2021	\$26,700	1		B
Ground								
Grounding Devices								
Not Accessible	100%							D

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BAYRIDGE GARAGE**  
**Asset # : 14316**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Lighting</b>								
Interior Lighting								
Fluorescent	45%	0-2	\$64,700	2031	* *			B
	<i>Inadequate Ltg Level, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Fluorescent	50%			2016	\$71,800	10	\$30,400	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : T-12 Lamps</i>							
Incandescent	5%			2016	\$7,200	2	\$100	B
Egress Lighting								
Exit, Service	100%			2021	\$10,700	1		B
Exterior Lighting								
Fluorescent	50%			2016	\$7,900	10	\$3,300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Outside The Building</i>							
	<i>Explanation : Compact Fluorescent Light Fixtures</i>							
HID	50%			2016	\$2,200	10	\$100	B
<b>Alarm</b>								
Security System								
No Component	80%							D
Generic	20%			2016	\$49,000	1	\$5,500	B
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : 1st And 2nd Levels</i>							
	<i>Explanation : CCTV Surveillance Camera System Is Functional</i>							
Fire/Smoke Detection								
No Component	80%							D
Generic	20%			2016	\$167,800	1-3	\$9,000	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : Fire Alarm System Is Old And Is Still Functional</i>							
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Heating</b>								
Energy Source								
Electricity	100%			2031	* *	1		B
Conversion Equipment								
Radiant Heater	5%	Now		2021	\$200	2		B
	<i>Damaged, Extent : Severe, Area Affected : 3%</i>							
	<i>Location : Rest Room</i>							
No Component	95%							D
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2029	* *	1		B

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BAYRIDGE GARAGE**  
**Asset # : 14316**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning									
	Conversion Equipment								
	Window/Wall Unit	5%			2014	\$7,600	1		B
	No Component	95%							D
Plumbing									
	H/C Water Piping								
	Brass/Copper	5%			2031	* *	1		B
	No Component	95%							D
	Water Heater								
	Electric	5%			2014	\$600	4		B
	No Component	95%							D
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		B
	Sump Pump(s)								
	Submersible	100%			2014	\$6,100	4	\$2,000	B
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Level 1 - Roof								
	Explanation : 2 Units								
Fire Suppression									
	Standpipe								
	Generic	100%			2031	* *	1-5	\$300	B

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 02-Nov-2009 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3,4,5  
**Block** : 83 **Lot** : 18 **BIN** : 4000699

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$1,660,700	\$1,644,900
Interior Architecture	\$1,468,700	\$604,100
Electrical		\$137,500
Mechanical		\$43,500
<b>Total</b>	<b>\$3,129,500</b>	<b>\$2,430,000</b>
Priority A	\$1,660,700	\$1,644,900
Priority B	\$489,700	\$221,600
Priority C	\$979,000	\$563,400
<b>Total</b>	<b>\$3,129,500</b>	<b>\$2,430,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$500		\$21,000	
Interior Architecture	\$38,500	\$1,300	\$700	
Electrical	\$5,800		\$900	
Mechanical	\$300	\$1,200	\$19,800	\$1,200
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$53,000</b>	<b>\$10,400</b>	<b>\$50,300</b>	<b>\$9,100</b>
Priority A	\$500		\$21,000	
Priority B	\$48,600	\$9,100	\$28,600	\$9,100
Priority C	\$3,900	\$1,300	\$700	
<b>Total</b>	<b>\$53,000</b>	<b>\$10,400</b>	<b>\$50,300</b>	<b>\$9,100</b>



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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**COURT SQUARE-GARAGE**  
**Asset # : 2422**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	80%	Now	\$940,100	LIFE	* *	5	\$1,491,900	A
Spalling, Extent : Light, Area Affected : 5%								
Location : Southwest Facade								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Wall Adjacent To Ramp On Northeast Side								
Masonry: Brick	15%	Now	\$367,100	LIFE	* *	5	\$55,900	A
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%								
Location : Northeast Facade								
Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
Location : At Corners								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Northeast Facade								
Masonry: Limestone	2%	Now	\$182,900	LIFE	* *	5	\$5,600	A
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Coping Over Free Standing Walls								
Window Wall	3%			2041	* *	5	\$42,000	A
Parapets								
Cast in Place Concrete	95%	Now	\$57,500	LIFE	* *	5	\$97,100	A
Diagonal Cracks, Extent : Light, Area Affected : 30%								
Location : Throughout								
Expansion Jnt Failure, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Rail	5%	Now	\$500	2034	* *	5	\$3,500	A
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Rail Supports								
Roof								
Cast in Place Concrete	95%	Now	\$113,200	LIFE	* *			A
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Structural Connection Points								
Expansion Jnt Failure, Extent : Severe, Area Affected : 10%								
Location : All Stair Locations, Building Corners								
Copper/Terne	5%			2049	* *	10	\$19,000	A

**Interior**

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**DEPARTMENT OF TRANSPORTATION - 841**  
**COURT SQUARE-GARAGE**  
**Asset # : 2422**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Interior Floors									
Cast in Place Concrete	87%	Now	\$343,600	LIFE	* *	5	\$505,300	C	
	Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
	Location : Throughout Stairs, At Structural Connection Points								
Cast in Place Concrete	10%	Now	\$19,700	LIFE	* *	5	\$58,100	C	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
	Location : First Level								
Ceramic Tile	1%			2030	* *	5	\$2,700	C	
Vinyl Tile	2%			2016	\$49,400	3	\$2,000	C	
	Worn/Eroded, Extent : Moderate, Area Affected : 100%								
	Location : Office								
Interior Walls									
Cast in Place Concrete	18%	Now	\$247,300	LIFE	* *			C	
	Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
	Location : Structural Columns - Level 4								
	Water Penetration, Extent : Severe, Area Affected : 10%								
	Location : Northeast Wall - Dept Of Transportation Storage Area								
	Other Observation, Extent : Severe, Area Affected : 10%								
	Location : Near Stairwells								
	Explanation : Separation From Deck								
Concrete Masonry Unit	80%	Now	\$319,000	LIFE	* *	5	\$34,500	C	
	Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
	Location : Near Southern Stairwells								
Gypsum Board	2%	Now	\$3,900	LIFE	* *	5	\$1,300	C	
	Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%								
	Location : Throughout Office								
Ceilings									
AcousTileSusp.Lay-In	2%	Now	\$34,600	2041	* *	5	\$2,700	B	
	Misaligned/Bulging, Extent : Moderate, Area Affected : 100%								
	Location : Throughout Office								
	Staining/Discoloring, Extent : Moderate, Area Affected : 100%								
	Location : Throughout Office								
Exposed Concrete	98%	Now	\$489,700	LIFE	* *	5	\$40,700	B	
	Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
	Location : Structural Beams								
	Misaligned/Bulging, Extent : Severe, Area Affected : 10%								
	Location : Structural Connections At Northwest And Northeast Corners								
	Other Observation, Extent : Severe, Area Affected : 10%								
	Location : Building Corners Near Stairwells - All Levels								
	Explanation : Separation Of Structural Elements								

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

Under 600 Volts

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**DEPARTMENT OF TRANSPORTATION - 841**  
**COURT SQUARE-GARAGE**  
**Asset # : 2422**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2031	* *	5	\$900	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1- Electrical Service, Rated @ 1200a								
Switchgear / Switchboard								
Fused Disc Sw	100%			2031	* *	5	\$900	B
Raceway								
Conduit	100%			2031	* *	1		B
Panelboards								
Molded Case Bkrs	100%			2029	* *	5	\$5,300	B
Wiring								
Thermoplastic	100%			2031	* *	1		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	2%			2021	\$7,700	10	\$3,300	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Office								
Explanation : T-12 Lamps								
HID	95%			2021	\$101,600	10	\$5,500	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : High Pressure Sodium Lamps								
HID	3%	Now	\$3,200	2031	* *			B
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : 1st,2nd,3rd, Floor								
Egress Lighting								
Emergency, Battery	50%			2021	\$35,900	10	\$21,400	B
Exit, Service	50%			2021	\$14,400	1		B

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Heating								
Energy Source								
Electricity	100%			2031	* *	1		B
Conversion Equipment								
Radiant Heater	5%			2021	\$43,500	2	\$4,100	B
No Component	95%							D
Terminal Devices								
Fan Coil Unit/Heat	5%			2021	\$7,400	1	\$2,900	B
No Component	95%							D
Air Conditioning								

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**COURT SQUARE-GARAGE**  
**Asset # : 2422**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2029	* *	1		B
Conversion Equipment								
Window/Wall Unit	2%			2016	\$8,100	1		B
No Component	98%							D
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	\$4,900	B
No Component	95%							D
Exhaust Fans								
Interior	5%			2021	\$10,900	2	\$300	B
No Component	95%							D
<b>Plumbing</b>								
H/C Water Piping								
Galv Iron/Steel	100%			2026	* *	1		B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Rigid Piping	100%			2016	\$10,100	4	\$1,300	B
Fixtures								
Generic	100%							B
<b>Vertical Transport</b>								
Elevators								
Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : 1-4</i> <i>Explanation : Two Units</i>								

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 04-Feb-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3,4,5,6  
**Block** : 410 **Lot** : 38 **BIN** : 1005326

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$67,100	\$431,800
Interior Architecture	\$422,200	\$310,500
Electrical	\$452,000	\$186,100
<b>Total</b>	<b>\$941,300</b>	<b>\$928,300</b>
Priority A	\$67,100	\$431,800
Priority B	\$452,000	\$186,100
Priority C	\$422,200	\$310,500
<b>Total</b>	<b>\$941,300</b>	<b>\$928,300</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$20,600		\$1,500	\$1,200
Interior Architecture	\$1,400		\$27,300	
Electrical	\$400	\$2,400	\$45,400	\$1,200
Mechanical	\$22,200		\$11,100	
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
<b>Total</b>	<b>\$56,500</b>	<b>\$14,300</b>	<b>\$97,300</b>	<b>\$14,300</b>
Priority A	\$20,600		\$1,500	\$1,200
Priority B	\$35,900	\$14,300	\$68,400	\$13,000
Priority C			\$27,300	
<b>Total</b>	<b>\$56,500</b>	<b>\$14,300</b>	<b>\$97,300</b>	<b>\$14,300</b>



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

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**DELANCEY - ESSEX GARAGE**  
**Asset # : 14318**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior									
Exterior Walls									
Cast in Place Concrete	10%			LIFE	**	5	\$20,500	A	
Masonry: Brick	13%	Now	\$17,500	LIFE	**	5	\$5,300	A	
Vertical Cracks, Extent : Moderate, Area Affected : 10%									
Location : East Facade									
Masonry: Brick	3%			LIFE	**	5	\$1,200	A	
Metal Panel	2%			2041	**	5-10	\$5,600	A	
Pre-Cast Concrete	72%			LIFE	**	5	\$96,100	A	
Windows									
Aluminum	100%			2037	**	5	\$2,500	A	
Parapets									
Cast in Place Concrete	20%			LIFE	**	5	\$5,100	A	
Masonry: Brick	5%			LIFE	**	5	\$100	A	
Metal Panel	2%	Now	\$1,700	2041	**	5	\$100	A	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%									
Location : Coping At West Bulkhead									
Metal: Cage/Fence	10%	2-4	\$1,400	2026	**	5	\$800	A	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%									
Location : South Facade									
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : South Facade									
Pre-Cast Concrete	63%			LIFE	**	5	\$9,800	A	
Roof									
Traffic Topping	95%	Now	\$67,100	2021	\$335,600			A	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%									
Location : Over Sixth Level									
Expansion Jnt Failure, Extent : Moderate, Area Affected : 15%									
Location : Over Sixth Level									
Worn/Eroded, Extent : Moderate, Area Affected : 25%									
Location : Over Sixth Level									
Not Accessible	5%							D	
Interior									
Floors									
Cast in Place Concrete	98%	Now	\$422,200	LIFE	**	5	\$310,500	C	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Vinyl Tile	2%			2016	\$27,000	3	\$1,100	C	
Interior Walls									
Cast in Place Concrete	92%			LIFE	**			C	
Concrete Masonry Unit	5%			LIFE	**	5	\$300	C	
Masonry: Brick	3%			LIFE	**			C	
Ceilings									
AcousTile,Adhered	2%			2019	\$17,000	5	\$2,900	B	
Exposed Concrete	98%			LIFE	**	5	\$22,200	B	

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**DELANCEY - ESSEX GARAGE**  
**Asset # : 14318**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2021	\$15,600	5	\$2,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : No Ratings Available</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2021	\$48,500	5	\$2,800	B
Raceway								
Conduit	100%			2021	\$56,000	1		B
Panelboards								
Molded Case Bkrs	100%			2020	\$38,600	5	\$2,800	B
Wiring								
Thermoplastic	100%			2021	\$43,000	1		B
Motor Controllers								
Locally Mounted	100%			2026	* *	5	\$700	B
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$1,600	B
<b>Lighting</b>								
Interior Lighting								
Fluorescent	50%			2016	\$105,000	10	\$44,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-12 Lamps</i>								
Fluorescent	20%	Now	\$42,000	2031	* *			B
<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	30%	0-2	\$63,000	2031	* *			B
<i>Inadequate Ltg Level, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Battery	50%			2016	\$19,600	10	\$11,700	B
Exit, Battery	50%			2016	\$39,200	10	\$3,300	B
Exterior Lighting								
HID	100%			2016	\$6,400	10	\$300	B
<b>Alarm</b>								
Security System								
No Component	90%							D
Generic	10%			2016	\$35,800	1	\$4,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Front And Back Of The Building</i>								
<i>Explanation : CCTV Surveillance Cameras Are Functional</i>								
Fire/Smoke Detection								
No Component	90%							D
Generic	10%	Now	\$122,600	2031	* *	1-3	\$6,000	B
<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

*Note : 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**  
**Asset # : 14318**

Mechanical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating									
Energy Source									
Electricity	100%			2031	**	1		B	
Conversion Equipment									
Radiant Heater	3%			2021	\$100	2		B	
	Other Observation, Extent : Light, Area Affected : 3%								
	Location : Office On 1st Level								
	Explanation : Only The Office Has This Heating Device								
No Component	97%							D	
Air Conditioning									
Energy Source									
Electricity	100%			2029	**	1		B	
Conversion Equipment									
Window/Wall Unit	3%	Now	\$6,600	2021	\$6,600	1		B	
	Broken, Extent : Severe, Area Affected : 3%								
	Location : Office On 1st Level								
No Component	97%							D	
Ventilation									
Distribution									
Ductwork/Diffusers	5%			LIFE	**	2-5	\$2,700	B	
	Other Observation, Extent : Light, Area Affected : 5%								
	Location : 2nd Level Fan Room								
	Explanation : The Ductwork In 2nd Level Fan Room Has Not Been Used For Many Years								
No Component	95%							D	
Exhaust Fans									
Interior	5%	Now	\$5,700	2031	**	2	\$100	B	
	Obsolete Equipment, Extent : Severe, Area Affected : 5%								
	Location : 2nd Level Fan Room								
No Component	95%							D	
Plumbing									
H/C Water Piping									
Brass/Copper	5%			2021	\$16,100	1		B	
No Component	95%							D	
Sanitary Piping									
Cast Iron	5%			LIFE	**	1		B	
No Component	95%							D	
Storm Drain Piping									
Cast Iron	100%	Now	\$3,000	LIFE	**	1		B	
	Cracked, Extent : Moderate, Area Affected : 10%								
	Location : 3rd Level								
Sump Pump(s)									
Submersible	100%			2014	\$6,100	4	\$2,000	B	
Sewage Ejector(s)									
Electric	100%			2016	\$10,100	4	\$1,300	B	
Fixtures									
Generic	100%							B	

**Vertical Transport**

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

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*\*\* 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		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	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									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 28-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3,4  
**Block** : 2331 **Lot** : 22 **BIN** : 2000927

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture		\$126,600
Interior Architecture		\$267,600
Electrical		\$76,500
<b>Total</b>		<b>\$470,600</b>
Priority A		\$126,600
Priority B		\$76,500
Priority C		\$267,600
<b>Total</b>		<b>\$470,600</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$800		\$24,100	
Interior Architecture		\$300	\$1,200	
Electrical	\$700	\$700	\$700	\$3,100
Mechanical	\$800		\$16,600	
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
<b>Total</b>	<b>\$7,200</b>	<b>\$6,000</b>	<b>\$47,600</b>	<b>\$8,100</b>
Priority A	\$800		\$24,100	
Priority B	\$6,400	\$5,700	\$23,500	\$8,100
Priority C		\$300		
<b>Total</b>	<b>\$7,200</b>	<b>\$6,000</b>	<b>\$47,600</b>	<b>\$8,100</b>



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

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

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

## Exterior

## Exterior Walls

Concrete Masonry Unit	40%			LIFE	**	5	\$8,600	A
Masonry: Brick	5%			LIFE	**	5	\$1,700	A
Metal Panel	25%			2041	**	5-10	\$59,100	A
Metal Coiling Doors	2%			2026	**	5	\$2,200	A
Metal: Cage/Fence	3%			2026	**	5	\$4,500	A
Pre-Cast Concrete	20%			LIFE	**	5	\$22,400	A
Window Wall	5%			2041	**	5	\$6,500	A

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Section Of First Floor On The South Side**Explanation : Commercial Space Use*

## Parapets

Concrete Masonry Unit	47%			LIFE	**	5	\$1,300	A
Metal Panel	30%			2041	**	5	\$2,900	A
Metal Rail	3%			2034	**	5-10	\$1,300	A
Pre-Cast Concrete	20%			LIFE	**	5	\$3,100	A

## Roof

Traffic Topping	95%			2029	**	10	\$83,500	A
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout**Explanation : Recent Repair Evident*

Not Accessible	5%							D
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## Interior

## Floors

Cast in Place Concrete	98%			LIFE	**	5	\$267,600	C
Vinyl Tile	2%			2021		3	\$900	C

## Interior Walls

Cast in Place Concrete	8%			LIFE	**			C
Concrete Masonry Unit	83%			LIFE	**	5	\$4,000	C
Glass: Single Pane	2%			LIFE	**	5	\$200	C
Masonry: Brick	7%			LIFE	**			C

## Ceilings

AcousTileSusp.Lay-In	2%			2026	**	5	\$2,500	B
Exposed Concrete	98%			LIFE	**	5	\$19,100	B

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

## Service Equipment

Molded Case Bkrs	100%			2047	**	5	\$2,400	B
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electrical Room**Explanation : Main Service Switch Rated @ 500 Amperes*

## Switchgear / Switchboard

Molded Case Bkrs	100%			2047	**	5	\$2,400	B
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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. 149 STREET GARAGE**  
**Asset # : 14319**

Electrical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Under 600 Volts									
	Raceway								
	Conduit	100%			2047	* *	1		B
	Panelboards								
	Molded Case Bkrs	100%			2043	* *	5	\$2,400	B
	Wiring								
	Thermoplastic	100%			2047	* *	1		B
Ground									
	Grounding Devices								
	Generic	100%			LIFE	* *	5	\$1,400	B
Lighting									
	Interior Lighting								
	Fluorescent	100%			2029	* *	10	\$76,500	B
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : Throughout The Building								
	Explanation : T- 8 Lamps								
	Egress Lighting								
	Exit, Service	100%			2029	* *	1		B
	Exterior Lighting								
	HID	100%			2029	* *	10	\$300	B
Alarm									
	Security System								
	No Component	80%							D
	Generic	20%			2029	* *	1	\$6,900	B
	Other Observation, Extent : Moderate, Area Affected : 100%								
	Location : 1st Floor Only								
	Explanation : 6 CCTV Surveillance Cameras								

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating									
	Energy Source								
	Electricity	100%			2031	* *	1		B
	Conversion Equipment								
	Radiant Heater	5%			2021	\$200	2		B
	No Component	95%							D
Air Conditioning									
	Energy Source								
	Electricity	100%			2029	* *	1		B
	Conversion Equipment								
	Window/Wall Unit	5%			2016	\$9,500	1		B
	No Component	95%							D
	Distribution								
	No Component	0%							D

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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.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**E. 149 STREET GARAGE**  
**Asset # : 14319**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation									
	Exhaust Fans								
	Wall Unit	5%			2016	\$7,000	2	\$100	B
	No Component	95%							D
Plumbing									
	H/C Water Piping								
	Brass/Copper	5%			2031	* *	1		B
	No Component	95%							D
	Water Heater								
	Electric	5%			2014	\$700	4		B
	No Component	95%							D
	Sanitary Piping								
	Cast Iron	5%			LIFE	* *	1		B
	No Component	95%							D
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		B
	Backflow Preventer								
	No Component	95%							D
	Generic	5%			2021	\$500	1	\$300	B
	Fixtures								
	Generic	100%							B
Vertical Transport									
	Elevators								
	Geared Traction	100%			LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1-4 & Roof								
	Explanation : 1 Unit								

*Note : 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.*

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$166,700	
Interior Architecture		\$45,000
Electrical	\$39,800	
Mechanical	\$35,600	\$465,700
<b>Total</b>	<b>\$242,100</b>	<b>\$510,700</b>
Priority A	\$166,700	
Priority B	\$75,400	\$465,700
Priority C		\$45,000
<b>Total</b>	<b>\$242,100</b>	<b>\$510,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$43,500			\$3,100
Interior Architecture	\$59,200	\$600	\$100	
Electrical	\$31,200	\$200	\$300	\$31,900
Mechanical	\$12,700	\$2,300	\$3,900	\$9,800
<b>Total</b>	<b>\$146,700</b>	<b>\$3,100</b>	<b>\$4,300</b>	<b>\$44,900</b>
Priority A	\$43,500			\$3,100
Priority B	\$44,000	\$2,500	\$4,200	\$41,700
Priority C	\$59,200	\$600	\$100	
<b>Total</b>	<b>\$146,700</b>	<b>\$3,100</b>	<b>\$4,300</b>	<b>\$44,900</b>



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

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

\*\* 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 Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Masonry: Brick	87%	Now	\$114,500	LIFE	* *	5	\$17,500	A
	Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
	Location : At Masonry Openings Of Windows							
	Horizontal Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%							
	Location : At Masonry Openings							
	Vertical Cracks, Extent : Light, Area Affected : 10%							
	Location : Chimney							
	Water Penetration, Extent : Light, Area Affected : 10%							
	Location : Throughout Window Openings							
Metal Coiling Doors	10%			2027	* *	5	\$6,300	A
Stucco Cement	3%	Now	\$18,500	2042	* *	5	\$800	A
	Broken/Missing Elements, Extent : Moderate, Area Affected : 20%							
	Location : Bulkhead							
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
	Location : Bulkhead							
	Worn/Eroded, Extent : Moderate, Area Affected : 50%							
	Location : Bulkhead							
Windows								
Aluminum	100%			2038	* *	5	\$2,700	A
Parapets								
Masonry: Brick	90%	Now	\$25,000	LIFE	* *	5	\$1,900	A
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%							
	Location : Interior Face							
	Spalling, Extent : Moderate, Area Affected : 20%							
	Location : Interior Face							
Masonry: Limestone	10%			LIFE	* *	5	\$300	A
Roof								
Built-Up (BUR)	10%			2022	\$17,200	10	\$3,300	A
	Gravel/Slag Surface, Extent : Moderate, Area Affected : 20%							
	Location : Flat Section							
Metal Panel	87%			2035	* *	10	\$52,100	A
Roll Roofing	3%			2018	\$4,300	5	\$1,600	A
Interior								
Floors								
Cast in Place Concrete	90%	Now	\$30,600	LIFE	* *	5	\$45,000	C
	Cracking/Crumbling, Extent : Moderate, Area Affected : 20%							
	Location : Shop Area							
Ceramic Tile	5%			2025	* *	5	\$1,100	C
Vinyl Tile	5%			2022	\$10,600	3	\$400	C

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

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**FLATLANDS AVENUE YARD MAIN BUILDING**  
**Asset # : 1000**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Interior									
Interior Walls									
Concrete Masonry Unit	5%			LIFE	* *	5	\$200	C	
Glass: Single Pane	2%			LIFE	* *	5	\$100	C	
Masonry: Brick	93%	Now	\$28,600	LIFE	* *			C	
Vertical Cracks, Extent : Moderate, Area Affected : 5%									
Location : Upper Level									
Ceilings									
Exposed Concrete	10%			LIFE	* *	5	\$400	B	
Exposed Struc: Steel	90%			LIFE	* *			B	
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									
Service Equipment									
Fused Disc Sw	100%			2022	\$1,600	5	\$100	B	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : One Electrical Service Rated At 400 Amps									
Raceway									
Conduit	100%			2022	\$21,100	1		B	
Panelboards									
Molded Case Bkrs	100%			2021	\$16,500	5	\$500	B	
Wiring									
Braided Cloth	80%	2-4	\$31,100	2047	* *	1		B	
Insulation Aged, Extent : Moderate, Area Affected : 100%									
Location : Office Plus Electrical Room									
Thermoplastic	20%			2022	\$3,000	1		B	
Motor Controllers									
Locally Mounted	100%			2020	\$12,400	5	\$100	B	
Ground									
Grounding Devices									
Generic	100%			LIFE	* *	5	\$300	B	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Explanation : Water Main									
Lighting									
Interior Lighting									
Fluorescent	30%			2017	\$39,800	10	\$4,200	B	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-8 Lamps									
HID	70%			2030	* *	10	\$300	B	
Egress Lighting									
Exit, Service	50%			2017	\$1,200	1		B	
Exit, Battery	50%			2017	\$6,200	10	\$500	B	

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

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

\*\* 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**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Lighting</b>								
Exterior Lighting								
Not Accessible	100%							D
<b>Alarm</b>								
Fire/Smoke Detection								
No Component	90%							D
Generic	10%			2017	\$19,600	1-3	\$1,100	B
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2032	**	1		B
Conversion Equipment								
Steam Boiler	100%			2027	**	1	\$15,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units, One Of Them Is Obsolete</i>								
Distribution								
Steam Piping/Pump	100%	0-2	\$35,600	2032	**	4	\$800	B
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Shop Floor</i>								
<i>Explanation : Piping Underneath Shop Floor Corroded &amp; Leaking</i>								
Terminal Devices								
Convactor/Radiator	15%			2020	\$24,100	1	\$700	B
Fan Coil Unit/Heat	85%			2022	\$216,400	1	\$4,200	B
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2030	**	1		B
Conversion Equipment								
Window/Wall Unit	10%			2017	\$3,500	1		B
No Component	90%							D
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$8,500	B
Exhaust Fans								
Roof	30%			2022	\$4,100	2	\$100	B
Wall Unit	70%			2022	\$18,000	2	\$300	B
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2022	\$50,800	1		B
Water Heater								
Gas Fired	100%			2017	\$4,000	2	\$200	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B

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

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

*\*\* 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**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing									
	Sump Pump(s)								
	Rigid Piping	100%	0-2	\$10,100	2032	* *	4	\$1,300	B
On Extended Life, Extent : Moderate, Area Affected : 100%									
Location : Basement									
Fixtures									
	Generic	100%							B
Fire Suppression									
	Sprinkler								
	Generic	100%			2022	\$198,500	1-2	\$4,300	B

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$27,800			\$5,000
Interior Architecture		\$100	\$100	\$400
Electrical				\$200
Mechanical	\$1,400	\$100	\$100	\$1,400
<b>Total</b>	<b>\$29,200</b>	<b>\$200</b>	<b>\$200</b>	<b>\$7,000</b>
Priority A	\$27,800			\$5,000
Priority B	\$1,400	\$100	\$100	\$2,000
Priority C		\$100	\$100	
<b>Total</b>	<b>\$29,200</b>	<b>\$200</b>	<b>\$200</b>	<b>\$7,000</b>



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

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

\*\* 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**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Exterior</b>								
Exterior Walls								
Masonry: Brick	85%	Now	\$22,500	LIFE	* *	5	\$2,300	A
			<i>Horizontal Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Rusting Masonry Supt, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : At Masonry Openings.</i>					
			<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Corners</i>					
Metal Coiling Doors	15%			2027	* *	5	\$1,300	A
Windows								
Aluminum	100%			2038	* *	5	\$400	A
Parapets								
Masonry: Brick	95%	Now	\$5,300	LIFE	* *	5	\$300	A
			<i>Diagonal Cracks, Extent : Severe, Area Affected : 30%</i>					
			<i>Location : At Corners</i>					
			<i>Vertical Cracks, Extent : Severe, Area Affected : 30%</i>					
			<i>Location : Corners</i>					
Masonry: Limestone	5%			LIFE	* *	5		A
Roof								
Built-Up (BUR)	100%			2027	* *	10	\$4,400	A
<b>Interior</b>								
Floors								
Cast in Place Concrete	70%			LIFE	* *	5	\$4,700	C
Ceramic Tile	5%			2031	* *	5	\$200	C
Vinyl Tile	25%			2027	* *	3	\$300	C
Interior Walls								
Gypsum Board	25%			LIFE	* *	5	\$200	C
Masonry: Brick	75%			LIFE	* *			C
Ceilings								
AcousTileSusp.Lay-In	25%			2027	* *	5	\$800	B
Exposed Concrete	75%			LIFE	* *	5	\$400	B

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Under 600 Volts</b>								
Raceway								
Conduit	100%			2022	\$21,100	1		B
Panelboards								
Molded Case Bkrs	100%			2030	* *	5	\$100	B
Wiring								
Thermoplastic	100%			2032	* *	1		B

**Lighting**

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

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

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

**Asset # : 1036**

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

**Lighting**

Interior Lighting  
Fluorescent

85%  
2022 \$3,800 10 \$1,600 B  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*  
*Explanation : T-12 Lamps*

HID

10% 2022 \$100 10 B

Incandescent

5% 2017 \$200 2 B

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

**Heating**

Distribution

Steam Piping/Pump 100% 2032 \* \* 4 \$100 B

Terminal Devices

Convector/Radiator 100% 2027 \* \* 1 \$700 B

**Air Conditioning**

Energy Source

Electricity 100% 2030 \* \* 1 B

Conversion Equipment

Window/Wall Unit 20% 2017 \$900 1 B

No Component 80% D

**Ventilation**

Exhaust Fans

Wall Unit 100% 2022 \$3,400 2 \$100 B

**Plumbing**

H/C Water Piping

Brass/Copper 100% 0-2 \$1,400 2032 \* \* 1 B

*Corroded, Extent : Moderate, Area Affected : 20%*  
*Location : Water Main And Piping*

Water Heater

Electric 100% 2017 \$400 4 B

Sanitary Piping

Cast Iron 100% LIFE \* \* 1 B

Storm Drain Piping

Cast Iron 100% LIFE \* \* 1 B

Fixtures

Generic 100% B

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 26-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3886 **Lot** : 558 **BIN** : 4095043

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$240,900	
Interior Architecture		\$104,100
Mechanical	\$65,300	\$234,900
<b>Total</b>	<b>\$306,200</b>	<b>\$339,100</b>
Priority A	\$240,900	
Priority B	\$65,300	\$339,100
<b>Total</b>	<b>\$306,200</b>	<b>\$339,100</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$41,600		\$8,900	
Interior Architecture	\$22,100	\$200	\$1,700	
Electrical	\$8,200	\$100	\$200	
Mechanical	\$300	\$1,500	\$11,200	\$1,900
<b>Total</b>	<b>\$72,200</b>	<b>\$1,800</b>	<b>\$22,000</b>	<b>\$1,900</b>
Priority A	\$41,600		\$8,900	
Priority B	\$29,300	\$1,600	\$11,400	\$1,900
Priority C	\$1,300	\$200	\$1,700	
<b>Total</b>	<b>\$72,200</b>	<b>\$1,800</b>	<b>\$22,000</b>	<b>\$1,900</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**GLENDAL YARD BLDG. 1 (SHOPS & OFFICES)**

**Asset # : 2423**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	\$500	A
Masonry: Brick	40%	Now	\$41,500	LIFE	* *	5	\$6,300	A
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : South Facade at Plumbing Shops								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : North Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : North Facade								
Metal Panel	10%			2031	* *	5-10	\$10,900	A
Metal Coiling Doors	5%			2026	* *	5	\$2,500	A
Stucco Cement	40%	Now	\$38,900	2026	* *	5	\$7,900	A
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : North Side Above Roll-up Door, South Facade								
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : South Facade								
Windows								
Steel	70%	Now	\$84,900	2046	* *	5	\$9,300	A
Air Infiltration, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Bent/Warped Elements, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	30%	Now	\$19,500	2046	* *	5	\$3,200	A
Deteriorated Finish, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Dry Rot/Decay, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Thermally Inefficient, Extent : Severe, Area Affected : 100%								
Location : Throughout								

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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**GLENDAL YARD BLDG. 1 (SHOPS & OFFICES)**

**Asset # : 2423**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Parapets								
Masonry: Brick	25%	Now	\$5,500	LIFE	* *	5	\$400	A
	Diagonal Cracks, Extent : Moderate, Area Affected : 10%							
	Location : South Facade							
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%							
	Location : North Facade,South Facade							
Pre-Cast Concrete	5%	Now	\$300	LIFE	* *	5	\$500	A
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%							
	Location : Coping							
	Caulking Deteriorated, Extent : Moderate, Area Affected : 50%							
	Location : Coping							
Wood Cornice	70%	Now	\$16,300	2031	* *	5	\$6,800	A
	Broken/Missing Elements, Extent : Moderate, Area Affected : 25%							
	Location : South Facade							
	Dry Rot/Decay, Extent : Moderate, Area Affected : 20%							
	Location : South Facade							
Roof								
Asphalt Shingle	75%	Now	\$75,500	2036	* *			A
	Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%							
	Location : South Facade							
	Worn/Eroded, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
Metal Panel	10%			2026	* *	10	\$4,700	A
Not Accessible	15%							D
Interior								
Floors								
Cast in Place Concrete	80%			LIFE	* *	5	\$31,500	C
Vinyl Tile	10%			2021	\$16,800	3	\$700	C
Wood	10%			2036	* *	5	\$3,400	C
Interior Walls								
Cast in Place Concrete	15%			LIFE	* *			C
Concrete Masonry Unit	5%			LIFE	* *	5	\$100	C
Gypsum Board	15%			LIFE	* *	5	\$700	C
Masonry: Brick	55%			LIFE	* *			C
Plaster	10%	Now	\$1,300	LIFE	* *	5	\$200	C
	Broken/Missing Elements, Extent : Severe, Area Affected : 10%							
	Location : South Wall Near Door							
	Loose/Delam Surface, Extent : Severe, Area Affected : 25%							
	Location : South Wall Near Door							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GLENDAL YARD BLDG. 1 (SHOPS & OFFICES)**

**Asset # : 2423**

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

**Interior**

**Ceilings**

Exposed Concrete	15%				LIFE	**	5	\$400	B
Exposed Struc: Steel	10%				LIFE	**			B
Fiber Board	65%	Now		\$20,800	2021	\$104,100			B

*Broken/Missing Elements, Extent : Moderate, Area Affected : 25%*

*Location : Throughout*

*Staining/Discoloring, Extent : Moderate, Area Affected : 25%*

*Location : Throughout*

Wood	10%				LIFE	**	5	\$15,800	B
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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**

**Service Equipment**

Molded Case Bkrs	100%				2031	**	5	\$400	B
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : One 400 Amps Main Disconnect Switch*

**Raceway**

Conduit	40%				2021	\$8,400	1		B
Conduit	60%				2031	**	1		B

**Panelboards**

Fused Knife Sw	20%	2-4		\$2,200	2046	**	5		B
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*Obsolete Equipment, Extent : Moderate, Area Affected : 100%*

*Location : Throughout*

Molded Case Bkrs	60%				2020	\$6,600	5	\$200	B
Molded Case Bkrs	20%				2029	**	5	\$100	B

**Wiring**

Braided Cloth	40%	2-4		\$5,900	2046	**	1		B
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*Insulation Aged, Extent : Moderate, Area Affected : 100%*

*Location : Throughout*

Thermoplastic	20%				2031	**	1		B
Thermoplastic	40%				2021	\$5,900	1		B

**Motor Controllers**

Locally Mounted	100%				2026	**	5	\$100	B
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**Ground**

**Grounding Devices**

Not Accessible	100%								D
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**Lighting**

**Interior Lighting**

Fluorescent	70%				2021	\$18,300	10	\$7,700	B
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Throughout*

*Explanation : Using T12 Lamps*

HID	30%				2021	\$2,200	10	\$100	B
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*Note : 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**  
**GLENDAL YARD BLDG. 1 (SHOPS & OFFICES)**  
**Asset # : 2423**

Mechanical		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Heating									
Energy Source									
Fuel Oil No 2	100%			2021	\$33,000	5	\$3,700	B	
Conversion Equipment									
Steam Boiler	100%	Now	\$65,300	2041	* *	1	\$10,700	B	
On Extended Life, Extent : Moderate, Area Affected : 100%									
Location : 1st Floor Boiler Room									
Distribution									
Steam Piping/Pump	100%			2021	\$93,600	4	\$600	B	
Terminal Devices									
Convactor/Radiator	80%			2019	\$101,300	1	\$3,100	B	
Unit Heater-Stm/HW	20%			2021	\$17,300	4	\$200	B	
Air Conditioning									
Energy Source									
Electricity	100%			2029	* *	1		B	
Conversion Equipment									
Window/Wall Unit	10%			2016	\$2,800	1		B	
No Component	90%							D	
Ventilation									
Distribution									
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$6,700	B	
Exhaust Fans									
Wall Unit	20%			2016	\$4,100	2	\$100	B	
No Component	80%							D	
Plumbing									
H/C Water Piping									
Galv Iron/Steel	100%			2019	\$40,000	1		B	
Water Heater									
Electric	100%			2020	\$2,100	4	\$100	B	
Sanitary Piping									
Cast Iron	100%			LIFE	* *	1		B	
Fixtures									
Generic	100%							B	

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : GLENDALE YARD BLDG. 7 (GARAGE & STORAGE)  
**Address** : 69-46 SYBILLA STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0126.020 / 2424 **Yr Built/Renovated** : 1928 / 2009  
**Area Sq Ft** : 5,700 **Project Type** : HIGHWAYS  
**Date of Survey** : 26-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3886 **Lot** : 558 **BIN** : 4095043

CAPITAL		FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture		\$42,100	
Mechanical		\$69,700	
<b>Total</b>		<b>\$111,800</b>	
Priority A		\$42,100	
Priority B		\$69,700	
<b>Total</b>		<b>\$111,800</b>	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$30,500		\$500	
Interior Architecture	\$39,600			
Electrical		\$100	\$4,300	
Mechanical	\$600	\$100	\$23,800	\$100
<b>Total</b>	<b>\$70,600</b>	<b>\$200</b>	<b>\$28,700</b>	<b>\$100</b>
Priority A	\$30,500		\$500	
Priority B	\$24,200	\$200	\$28,200	\$100
Priority C	\$16,000			
<b>Total</b>	<b>\$70,600</b>	<b>\$200</b>	<b>\$28,700</b>	<b>\$100</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**GLENDAL YARD BLDG. 7 (GARAGE & STORAGE)**  
**Asset # : 2424**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior									
Exterior Walls									
Cast in Place Concrete	20%			LIFE	**	5	\$5,500	A	
Masonry: Brick	75%	Now	\$27,000	LIFE	**	5	\$4,100	A	
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%									
Location : Throughout									
Worn/Eroded, Extent : Severe, Area Affected : 40%									
Location : Throughout									
Metal Coiling Doors	5%			2026	**	5	\$900	A	
Windows									
Steel	100%	Now	\$42,100	2046	**	5	\$4,600	A	
Air Infiltration, Extent : Severe, Area Affected : 100%									
Location : Throughout									
Bent/Warped Elements, Extent : Severe, Area Affected : 90%									
Location : Throughout									
Broken/Missing Elements, Extent : Severe, Area Affected : 90%									
Location : Throughout									
Glazing Broken/Cracked, Extent : Severe, Area Affected : 85%									
Location : Throughout									
Thermally Inefficient, Extent : Severe, Area Affected : 100%									
Location : Throughout									
Parapets									
Masonry: Brick	45%	Now	\$3,400	LIFE	**	5	\$300	A	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 60%									
Location : Throughout									
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Water Penetration, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Masonry: Brick	50%			LIFE	**	5	\$300	A	
Recent Repair Evident, Extent : Light, Area Affected : 20%									
Location : Interior Face									
Metal Panel	5%			2051	**	5	\$100	A	
Recent Installation, Extent : Light, Area Affected : 100%									
Location : Coping									
Roof									
Modified Bitumen	100%			2031	**	10	\$8,900	A	
Recent Replace Evident, Extent : Light, Area Affected : 100%									
Location : Throughout									
Interior									
Floors									
Cast in Place Concrete	100%			LIFE	**	5	\$13,700	C	

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**GLENDAL YARD BLDG. 7 (GARAGE & STORAGE)**  
**Asset # : 2424**

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

## Interior

## Interior Walls

Concrete Masonry Unit	5%			LIFE		**	5	\$100	C
Masonry: Brick	95%	Now	\$16,000	LIFE		**			C

*Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%*

*Location : Throughout*

*Water Penetration, Extent : Moderate, Area Affected : 30%*

*Location : Throughout*

## Ceilings

Exposed Concrete	100%	Now	\$23,600	LIFE		**	5	\$1,000	B
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*Staining/Discoloring, Extent : Moderate, Area Affected : 50%*

*Location : Throughout*

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

## Under 600 Volts

## Switchgear / Switchboard

Fused Disc Sw	100%			2021		\$19,400	5		B
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## Raceway

Conduit	100%			2021		\$21,100	1		B
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## Panelboards

Molded Case Bkrs	100%			2020		\$11,000	5	\$100	B
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## Wiring

Thermoplastic	100%			2021		\$14,800	1		B
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## Lighting

## Interior Lighting

Fluorescent	10%			2016		\$900	10	\$400	B
HID	80%			2016		\$2,000	10	\$100	B
Incandescent	10%			2016		\$900	2		B

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

## Heating

## Energy Source

Electricity	100%			2031		**	1		B
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## Conversion Equipment

Radiant Heater	100%			2016		\$20,500	2	\$1,900	B
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## Terminal Devices

Fan Coil Unit/Heat	100%			2016		\$69,700	1	\$1,400	B
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## Ventilation

## Exhaust Fans

Wall Unit	40%			2016		\$2,800	2	\$100	B
No Component	60%								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.*

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

**Asset # : 2424**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing									
	H/C Water Piping								
	Galv Iron/Steel	100%			2019	\$13,900	1		B
	Water Heater								
	Electric	10%			2014	\$100	4		B
	No Component	90%							D
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		B
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		B
	Fixtures								
	Generic	100%							B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : HARLEM RIVER BRIDGE SHOP GARAGE 1  
**Address** : 300 W. 206TH STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0093.000 / 549 **Yr Built/Renovated** : 1958 / 2007  
**Area Sq Ft** : 17,736 **Project Type** : HIGHWAYS  
**Date of Survey** : 28-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 2186 **Lot** : 9 **BIN** : 1081892

**CAPITAL****Total**

Priority

**Total**

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$7,500			
Interior Architecture	\$1,000	\$600		
Electrical	\$1,600	\$1,600	\$1,400	\$1,400
Mechanical	\$800	\$400	\$1,100	\$3,800
<b>Total</b>	<b>\$10,900</b>	<b>\$2,600</b>	<b>\$2,500</b>	<b>\$5,200</b>
Priority A	\$7,500			
Priority B	\$3,400	\$2,000	\$2,500	\$5,200
Priority C		\$600		
<b>Total</b>	<b>\$10,900</b>	<b>\$2,600</b>	<b>\$2,500</b>	<b>\$5,200</b>



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

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

\*\* 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 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	* *	5	\$3,200	A
	Recent Repair Evident, Extent : Light, Area Affected : 25%							
	Location : Throughout							
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
	Explanation : All Interiors Were Renovated In 2007.							
Pre-Cast Concrete	3%			LIFE	* *	5	\$300	A
Windows								
Aluminum	50%			2044	* *	5	\$100	A
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Fiberglass Panel	50%			2044	* *	5	\$400	A
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Parapets								
Masonry: Brick	95%	Now	\$7,300	LIFE	* *	5	\$1,100	A
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%							
	Location : North Side							
	Recent Repair Evident, Extent : Light, Area Affected : 25%							
	Location : Throughout							
Pre-Cast Concrete	5%			LIFE	* *	5	\$400	A
Roof								
Single Ply Membrane	100%			2030	* *	10	\$25,100	A
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Interior								
Floors								
Cast in Place Concrete	70%			LIFE	* *	5	\$30,300	C
Terrazzo	5%			LIFE	* *	5	\$800	C
Vinyl Tile	25%			2030	* *	3	\$1,900	C
Interior Walls								
Concrete Masonry Unit	90%			LIFE	* *	5	\$700	C
Glass: Single Pane	5%			LIFE	* *	5	\$100	C
SGFT/Glazed Masonry	5%			LIFE	* *			C
Ceilings								
AcousTileSusp.Lay-In	10%			2039	* *	5	\$2,000	B
Exposed Struc: Steel	75%			LIFE	* *			B
Gypsum Board	15%			LIFE	* *	5	\$3,700	B

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

Note : 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 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									
Service Equipment									
	Fused Disc Sw	100%			2048	**	5	\$100	B
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Electrical Room									
Explanation : Main Service Switch Rated @ 2500 Amperes									
Switchgear / Switchboard									
	Fused Disc Sw	100%			2048	**	5	\$100	B
Raceway									
	Conduit	100%			2048	**	1		B
Panelboards									
	Fused Disc Sw	2%			2044	**	5		B
	Molded Case Bkrs	98%			2044	**	5	\$400	B
Wiring									
	Thermoplastic	100%			2048	**	1		B
Motor Controllers									
	Locally Mounted	100%			2039	**	5	\$100	B
Ground									
Grounding Devices									
	Generic	100%			LIFE	**	5	\$200	B
Lighting									
Interior Lighting									
	Fluorescent	100%			2030	**	10	\$12,100	B
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : T-8 Lamps									
Egress Lighting									
	Emergency, Battery	50%			2030	**	10	\$1,600	B
	Exit, LED	25%			2057	**	1		B
	Exit, Service	25%			2030	**	1		B
Exterior Lighting									
	HID	100%			2030	**	10		B
Alarm									
Security System									
	Generic	100%			2030	**	1	\$5,400	B
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout The Building									
Explanation : 10 CCTV Surveillance Cameras And Intrusion Alarm System									
Fire/Smoke Detection									
	Generic	100%			2030	**	1-3	\$9,000	B
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : 1st Floor									
Explanation : Siemens Main Control Panel									

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

## Heating

Note : 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 BRIDGE SHOP GARAGE 1**  
**Asset # : 549**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating									
	Energy Source								
	Natural Gas	100%			2042	* *	1		B
	Conversion Equipment								
	Furnace	70%			2027	* *	1	\$100	B
		Other Observation, Extent : Light, Area Affected : 70%							
		Location : Roof							
		Explanation : 6 Roof Top Units							
	Hot Water Boiler	30%			2035	* *	1		B
		Other Observation, Extent : Light, Area Affected : 30%							
		Location : Basement Boiler Room							
		Explanation : 1 Unit							
	Distribution								
	Hot Wtr Piping/Pump	30%			2038	* *	4		B
	No Component	70%							D
	Terminal Devices								
	Convactor/Radiator	30%			2035	* *	1		B
	No Component	70%							D
Air Conditioning									
	Energy Source								
	Electricity	100%			2038	* *	1		B
	Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	100%			2027	* *	2	\$800	B
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Roof							
		Explanation : 6 Units							
Ventilation									
	Distribution								
	Ductwork/Diffusers	100%			LIFE	* *	2-5	\$7,400	B
	Exhaust Fans								
	Roof	100%			2027	* *	2	\$400	B
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2042	* *	1		B
	Water Heater								
	Gas Fired	100%			2017	\$3,400	2	\$200	B
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		B
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		B
	Sump Pump(s)								
	Rigid Piping	100%			2022	\$10,100	4	\$2,000	B
	Backflow Preventer								
	Generic	100%			2027	* *	1	\$800	B
	Fixtures								
	Generic	100%							B

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

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

*\*\* 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 Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fire Suppression	Sprinkler								
	Generic	100%			2042	* *	1-2		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : JEROME - GUN HILL ROAD GARAGE  
**Address** : 3510 JEROME AVENUE  
**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 2014 - 2017	FY 2018 - 2023
Exterior Architecture		\$221,700	\$86,900
Interior Architecture		\$169,800	
Electrical		\$35,300	\$36,000
<b>Total</b>		<b>\$426,700</b>	<b>\$123,000</b>
Priority A		\$221,700	\$86,900
Priority B		\$35,300	\$36,000
Priority C		\$169,800	
<b>Total</b>		<b>\$426,700</b>	<b>\$123,000</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture	\$33,300			
Interior Architecture				
Electrical	\$2,900	\$1,100	\$29,600	\$200
Mechanical	\$7,200		\$100	
<b>Total</b>	<b>\$43,500</b>	<b>\$1,100</b>	<b>\$29,700</b>	<b>\$200</b>
Priority A	\$33,300			
Priority B	\$10,100	\$1,100	\$29,700	\$200
Priority C				
<b>Total</b>	<b>\$43,500</b>	<b>\$1,100</b>	<b>\$29,700</b>	<b>\$200</b>



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

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

\*\* 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		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	80%	Now	\$109,500	LIFE	**	5	\$86,900	A
	Cracking/Crumbling, Extent : Moderate, Area Affected : 5%							
	Location : West Facade							
	Worn/Eroded, Extent : Light, Area Affected : 10%							
	Location : West Facade							
Metal Sect. OHD	5%	Now	\$7,600	2026	**	5	\$1,700	A
	Other Observation, Extent : Moderate, Area Affected : 15%							
	Location : West Facade							
	Explanation : Broken Missing Elements							
Metal: Cage/Fence	15%	Now	\$9,100	2026	**	5	\$7,100	A
	Corrosion/Rusting, Extent : Moderate, Area Affected : 15%							
	Location : West Facade							
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
	Location : West Facade							
Windows								
Steel	5%	Now	\$3,700	2046	**	5	\$400	A
	Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
	Location : West Facade							
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%							
	Location : West Facade							
No Component	95%							D
Parapets								
Cast in Place Concrete	75%	Now	\$11,900	LIFE	**	5	\$20,200	A
	Spalling, Extent : Light, Area Affected : 15%							
	Location : Throughout							
	Vertical Cracks, Extent : Light, Area Affected : 10%							
	Location : West Facade							
Metal: Cage/Fence	25%	Now	\$900	2026	**	5	\$2,100	A
	Corrosion/Rusting, Extent : Moderate, Area Affected : 10%							
	Location : East Facade, South Facade							
	Deteriorated Finish, Extent : Moderate, Area Affected : 50%							
	Location : East Facade, South Facade							
Roof								
Traffic Topping	100%	Now	\$112,100	2026	**			A
	Cracking/Crumbling, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Expansion Jnt Failure, Extent : Severe, Area Affected : 25%							
	Location : Throughout							
	Water Penetration, Extent : Moderate, Area Affected : 20%							
	Location : At Third Level							

**Interior**

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**JEROME - GUN HILL ROAD GARAGE**  
**Asset # : 14317**

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

## Interior

## Floors

Asphalt Poured	100%	Now	\$169,800	2034	* *	5	\$21,900	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Uneven Surface, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

## Interior Walls

Cast in Place Concrete	75%			LIFE	* *			C
Concrete Masonry Unit	23%			LIFE	* *	5	\$800	C
Glass: Single Pane	2%			LIFE	* *	5	\$100	C

## Ceilings

Exposed Concrete	100%			LIFE	* *	5	\$13,700	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 1st Floor, 2nd Floor, 3rd Floor</i>								

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

## Service Equipment

Molded Case Bkrs	100%			2021	\$5,100	5	\$1,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : No Available Nameplate Ratings</i>								

## Switchgear / Switchboard

Molded Case Bkrs	100%			2021	\$29,100	5	\$1,700	B
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## Raceway

Conduit	100%			2021	\$36,000	1		B
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## Panelboards

Molded Case Bkrs	100%			2020	\$27,600	5	\$1,700	B
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## Wiring

Braided Cloth	10%	2-4	\$2,700	2046	* *	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

Thermoplastic	90%			2021	\$24,000	1		B
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## Ground

## Grounding Devices

Not Accessible	100%							D
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## Lighting

## Interior Lighting

HID	100%			2016	\$35,300	10	\$1,900	B
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## Exterior Lighting

HID	100%			2016	\$3,900	10	\$200	B
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## Alarm

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**JEROME - GUN HILL ROAD GARAGE**  
**Asset # : 14317**

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

## Alarm

## Security System

No Component

90%

D

Generic

10%

2016

\$21,700

1

\$2,400

B

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Entry And Exit Point**Explanation : CCTV Surveillance Camera System Is Functional*

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

## Heating

## Energy Source

Electricity

100%

2031

\* \*

1

B

## Conversion Equipment

Radiant Heater

5%

2016

\$100

2

B

No Component

95%

D

## Air Conditioning

## Energy Source

Electricity

100%

2029

\* \*

1

B

## Conversion Equipment

Window/Wall Unit

5%

2014

\$6,700

1

B

No Component

95%

D

## Plumbing

## H/C Water Piping

Brass/Copper

5%

2021

\$9,700

1

B

No Component

95%

D

## Water Heater

Electric

5%

2014

\$500

4

B

No Component

95%

D

## Sanitary Piping

Cast Iron

5%

LIFE

\* \*

1

B

No Component

95%

D

## Storm Drain Piping

Cast Iron

100%

LIFE

\* \*

1

B

## Fixtures

Generic

100%

B

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

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



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 19-Nov-2007 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2,3,4,5,6,7  
**Block** : 3189 **Lot** : 9 **BIN** : 2014125

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$404,000	\$933,100
Interior Architecture	\$422,300	\$72,000
Electrical	\$44,400	\$95,800
<b>Total</b>	<b>\$870,600</b>	<b>\$1,100,900</b>
Priority A	\$404,000	\$933,100
Priority B	\$430,500	\$95,800
Priority C	\$36,100	\$72,000
<b>Total</b>	<b>\$870,600</b>	<b>\$1,100,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$5,400			\$19,500
Interior Architecture			\$400	
Electrical	\$27,700	\$800		\$3,400
Mechanical	\$40,600	\$500	\$500	\$500
Elevators/Escalators	\$13,800	\$13,800	\$13,800	\$13,800
<b>Total</b>	<b>\$87,500</b>	<b>\$15,100</b>	<b>\$14,700</b>	<b>\$37,300</b>
Priority A	\$5,400			\$19,500
Priority B	\$82,100	\$15,100	\$14,300	\$17,700
Priority C			\$400	
<b>Total</b>	<b>\$87,500</b>	<b>\$15,100</b>	<b>\$14,700</b>	<b>\$37,300</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**JEROME 190TH ST. GARAGE**  
**Asset # : 175**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$63,000	A
Masonry: Brick	20%			LIFE	**	5	\$50,400	A
	Recent Repair Evident, Extent : Light, Area Affected : 30%							
	Location : Throughout							
Metal Panel	65%			2039	**	5-10	\$1,126,900	A
	Recent Repair Evident, Extent : Light, Area Affected : 30%							
	Location : Throughout							
Granite Panels	10%			LIFE	**	5	\$18,900	A
	Recent Construction, Extent : Light, Area Affected : 100%							
	Location : At Base Of Building Throughout							
Windows								
Steel	5%	Now	\$96,600	2044	**	5	\$10,600	A
	Deteriorated Finish, Extent : Moderate, Area Affected : 25%							
	Location : Stairs							
	Thermally Inefficient, Extent : Moderate, Area Affected : 100%							
	Location : Stairs							
No Component	95%							D
Parapets								
Cast in Place Concrete	40%			LIFE	**	5	\$15,800	A
	Recent Repair Evident, Extent : Light, Area Affected : 60%							
	Location : Throughout							
Masonry: Brick	10%			LIFE	**	5	\$400	A
	Recent Repair Evident, Extent : Light, Area Affected : 30%							
	Location : Throughout							
Metal Panel	45%			2029	**	5	\$6,700	A
Metal Rail	5%			2024	**	5-10	\$3,500	A
Roof								
Asphalt Macadam	100%			2027	**	5	\$39,100	A
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : Throughout							
Interior								
Floors								
Asphalt Macadam	88%			2032	**	5	\$72,200	C
	Recent Replace Evident, Extent : Light, Area Affected : 80%							
	Location : Throughout							
Cast in Place Concrete	10%			LIFE	**	5	\$35,900	C
Vinyl Tile	2%			2019		3	\$1,200	C
Interior Walls								
Cast in Place Concrete	50%			LIFE	**			C
Concrete Masonry Unit	25%			LIFE	**	5	\$6,700	C
Masonry: Brick	15%			LIFE	**			C
SGFT/Glazed Masonry	10%			LIFE	**			C

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**JEROME 190TH ST. GARAGE**  
**Asset # : 175**

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

## Interior

## Ceilings

Exposed Concrete

100%	Now	\$386,100	LIFE	* *	5	\$25,600	B
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 10%**Location : Levels 1**Recent Repair Evident, Extent : Light, Area Affected : 10%**Location : Throughout**Water Penetration, Extent : Moderate, Area Affected : 5%**Location : Level 6th*

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

## Service Equipment

Fused Disc Sw

100%			2019	\$15,600	5	\$600	B
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Next To Main Office**Explanation : One Electrical Service Rated At 600a.*

## Switchgear / Switchboard

Molded Case Bkrs

100%			2019	\$48,500	5	\$3,300	B
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## Raceway

Conduit

50%			2019	\$28,000	1		B
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Conduit

50%			2045	* *	1		B
-----	--	--	------	-----	---	--	---

## Panelboards

Molded Case Bkrs

50%			2035	* *	5	\$1,600	B
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Molded Case Bkrs

50%			2018	\$19,300	5	\$1,600	B
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## Wiring

Thermoplastic

100%			2039	* *	1		B
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## Ground

## Grounding Devices

Not Accessible

100%							D
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## Lighting

## Interior Lighting

Fluorescent

5%			2014	\$11,900	10	\$5,000	B
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*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Office Area**Explanation : T12 Lamps*

HID

95%			2027	* *	10	\$3,400	B
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## Egress Lighting

Exit, Service

50%			2014	\$8,900	1		B
-----	--	--	------	---------	---	--	---

Exit, Battery

50%	Now	\$44,400	2029	* *			B
-----	-----	----------	------	-----	--	--	---

*Not in Service, Extent : Severe, Area Affected : 100%**Location : Throughout The Building*

*Note : 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**  
**JEROME 190TH ST. GARAGE**  
**Asset # : 175**

Mechanical		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating									
	Energy Source								
	Electricity	100%			2039	* *	1		B
	Conversion Equipment								
	Radiant Heater	5%			2019	\$26,900	2	\$2,500	B
	No Component	95%							D
Air Conditioning									
	Energy Source								
	Electricity	100%			2035	* *	1		B
	Conversion Equipment								
	Window/Wall Unit	5%			2014	\$12,600	1		B
	No Component	95%							D
Ventilation									
	Distribution								
	Ductwork/Diffusers	5%			LIFE	* *	2-5	\$3,100	B
	No Component	95%							D
	Exhaust Fans								
	Interior	5%			2024	* *	2	\$200	B
	No Component	95%							D
Plumbing									
	H/C Water Piping								
	Galv Iron/Steel	100%			2024	* *	1		B
	Water Heater								
	Electric	100%			2014	\$18,900	4	\$1,000	B
	Sanitary Piping								
	Cast Iron	100%	Now	\$5,300	LIFE	* *	1		B
	Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
	Location : Staff Restroom On 1st Level.								
	Storm Drain Piping								
	Cast Iron	100%	Now	\$3,400	LIFE	* *	1		B
	Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
	Location : 6th Level								
	Backflow Preventer								
	Not Accessible	100%							D
	Fixtures								
	Generic	100%							B
Vertical Transport									
	Elevators								
	Geared Traction	100%			LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : 1-7								
	Explanation : 2 Units								

*Note : 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.*

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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 2014 - 2017	FY 2018 - 2023
Electrical		\$86,600
<b>Total</b>		<b>\$86,600</b>
Priority B		\$86,600
<b>Total</b>		<b>\$86,600</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture		\$17,000		
Interior Architecture		\$400	\$400	
Electrical	\$600	\$800	\$800	\$700
Mechanical	\$100	\$800	\$100	\$13,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$4,600</b>	<b>\$22,800</b>	<b>\$5,100</b>	<b>\$18,100</b>
Priority A		\$17,000		
Priority B	\$4,600	\$5,500	\$4,800	\$18,100
Priority C		\$400	\$400	
<b>Total</b>	<b>\$4,600</b>	<b>\$22,800</b>	<b>\$5,100</b>	<b>\$18,100</b>



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

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

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

## Exterior

## Exterior Walls

Masonry: Brick	50%			LIFE	**	5	\$1,800	A
Masonry: Brick	50%			LIFE	**	5	\$1,800	A

## Windows

Aluminum	100%			2038	**	5	\$200	A
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## Roof

Metal Panel	100%			2035	**	10	\$17,000	A
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## Interior

## Floors

Cast in Place Concrete	75%			LIFE	**	5	\$24,000	C
Ceramic Tile	5%			2031	**	5	\$700	C
Vinyl Tile	20%			2027	**	3	\$1,100	C

## Interior Walls

Concrete Masonry Unit	75%			LIFE	**	5	\$400	C
Masonry: Brick	25%			LIFE	**			C

## Ceilings

Exposed Struc: Steel	20%			LIFE	**			B
Gypsum Board	80%			LIFE	**	5	\$14,600	B

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

## Under 600 Volts

## Switchgear / Switchboard

Fused Disc Sw	100%			2032	**	5		B
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## Raceway

Conduit	100%			2032	**	1		B
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## Panelboards

Fused Disc Sw	5%			2030	**	5		B
Molded Case Bkrs	95%			2030	**	5	\$300	B

## Wiring

Thermoplastic	100%			2032	**	1		B
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## Motor Controllers

Locally Mounted	100%			2027	**	5	\$100	B
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## Lighting

## Interior Lighting

Fluorescent	100%			2022		10	\$9,000	B
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## Egress Lighting

Emergency, Service	50%			2022		1		B
Exit, Service	50%			2022		1		B

## Exterior Lighting

HID	100%			2022		10		B
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## Alarm

## Security System

No Component	50%							D
Generic	50%			2022		1	\$2,000	B

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

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

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

## Alarm

## Fire/Smoke Detection

No Component

30%

Generic

70%

2022

\$86,600

1-3

\$4,600

D

B

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

## Heating

## Energy Source

Electricity

20%

2042

\* \*

1

B

Natural Gas

80%

2042

\* \*

1

B

## Conversion Equipment

Hot Water Boiler

80%

2035

\* \*

1

B

*Boiler Used For Hot Water, Extent : Light, Area Affected : 80%**Location : Boiler Room*

Radiant Heater

20%

2027

\* \*

2

B

## Distribution

Hot Wtr Piping/Pump

80%

2038

\* \*

4

B

No Component

20%

D

## Terminal Devices

Convactor/Radiator

10%

2035

\* \*

1

B

Unit Heater-Stm/HW

70%

2027

\* \*

4

B

No Component

20%

D

## Air Conditioning

## Energy Source

Electricity

100%

2038

\* \*

1

B

## Conversion Equipment

Window/Wall Unit

60%

2017

\$13,400

1

B

No Component

40%

D

## Ventilation

## Exhaust Fans

Wall Unit

40%

2027

\* \*

2

\$100

B

No Component

60%

D

## Plumbing

## H/C Water Piping

Brass/Copper

100%

2042

\* \*

1

B

## Water Heater

Electric

20%

2020

\$300

4

B

No Component

80%

D

*Other Observation, Extent : Light, Area Affected : 0%**Location :**Explanation : Not Energy Efficient*

## Sanitary Piping

Cast Iron

100%

LIFE

\* \*

1

B

## Sump Pump(s)

Rigid Piping

100%

2027

\* \*

4

\$2,000

B

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

*Estimates are rounded to the nearest hundred dollars.*

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

*\*\* 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 Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing									
	Backflow Preventer								
	Generic	100%			2030	* *	1	\$600	B
	Fixtures								
	Generic	100%							B
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			C
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : 1-3							
		Explanation : 1 Unit							
Fire Suppression									
	Sprinkler								
	Generic	100%			2042	* *	1-2		B

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

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

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



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : MASPETH VEHICLE MAINTENANCE  
**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$1,124,300	\$1,072,800
Interior Architecture	\$675,300	\$201,500
Electrical		\$207,900
Mechanical	\$273,600	\$2,316,500
<b>Total</b>	<b>\$2,073,200</b>	<b>\$3,798,600</b>
Priority A	\$1,124,300	\$1,072,800
Priority B	\$354,200	\$2,524,300
Priority C	\$594,700	\$201,500
<b>Total</b>	<b>\$2,073,200</b>	<b>\$3,798,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$5,500			
Interior Architecture	\$72,500			\$6,100
Electrical	\$26,100	\$2,600	\$4,200	\$3,000
Mechanical	\$25,700	\$15,300	\$18,900	\$13,700
<b>Total</b>	<b>\$129,800</b>	<b>\$17,900</b>	<b>\$23,100</b>	<b>\$22,900</b>
Priority A	\$5,500			
Priority B	\$103,300	\$17,900	\$23,100	\$16,700
Priority C	\$21,100			\$6,100
<b>Total</b>	<b>\$129,800</b>	<b>\$17,900</b>	<b>\$23,100</b>	<b>\$22,900</b>



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

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MASPETH VEHICLE MAINTENANCE**  
**Asset # : 169**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior									
Exterior Walls									
Cast in Place Concrete	5%			LIFE	* *	5	\$71,900	A	
Concrete Masonry Unit	60%			LIFE	* *	5	\$107,800	A	
Masonry: Brick	25%	Now	\$235,800	LIFE	* *	5	\$35,900	A	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Metal Coiling Doors	10%			2028	* *	5	\$44,900	A	
Windows									
Steel	100%	Now	\$550,800	2039	* *	5	\$120,600	A	
Corrosion/Rusting, Extent : Light, Area Affected : 50%									
Location : Throughout									
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%									
Location : Throughout									
Thermally Inefficient, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Parapets									
Metal: Cage/Fence	25%	Now	\$5,500	2028	* *	5	\$6,200	A	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Deteriorated Finish, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
No Component	75%							D	
Roof									
Modified Bitumen	100%	Now	\$247,900	2023	\$826,400			A	
Blisters, Extent : Moderate, Area Affected : 20%									
Location : South Side									
Water Penetration, Extent : Moderate, Area Affected : 10%									
Location : Shops									
Interior									
Floors									
Cast in Place Concrete	75%	Now	\$274,000	LIFE	* *	5	\$201,500	C	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%									
Location : Shops									
Ceramic Tile	5%			2032	* *	5	\$6,100	C	
Vinyl Tile	20%	Now	\$228,500	2033	* *	3	\$9,200	C	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%									
Location : Second Floor Corridor And Offices									
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%									
Location : Second Floor Corridor And Offices									
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Second Floor Corridors And Offices									
Explanation : 9x9 Tiles									

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MASPETH VEHICLE MAINTENANCE**  
**Asset # : 169**

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

## Interior

## Interior Walls

Concrete Masonry Unit	75%			LIFE	**	5	\$29,900	C
Concrete Masonry Unit	5%	Now	\$92,200	LIFE	**	5	\$1,000	C

*Broken/Missing Elements, Extent : Severe, Area Affected : 30%*

*Location : Wall Adjacent To Ramp At 58th Place Entrance*

*Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 30%*

*Location : Wall Adjacent To Ramp At 58th Place Entrance*

Glass: Single Pane	5%			LIFE	**	5	\$3,700	C
Gypsum Board	5%			LIFE	**	5-10	\$4,200	C
Masonry: Brick	10%			LIFE	**	10	\$1,500	C

## Ceilings

AcousTileSusp.Lay-In	10%			2028	**	5	\$12,300	B
Exposed Concrete	60%			LIFE	**	5-10	\$92,100	B
Exposed Struc: Steel	10%			LIFE	**	10	\$24,600	B
Plaster	20%			LIFE	**	5-10	\$42,200	B

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

## Service Equipment

Fused Disc Sw	25%			2023	\$3,900	5	\$100	B
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room 3*

*Explanation : No Ratings Available*

Fused Disc Sw	25%			2023	\$3,900	5	\$100	B
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room 2*

*Explanation : Service Switch Rated @ 600 Amperes*

Fused Disc Sw	50%			2023	\$7,800	5	\$200	B
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room 1*

*Explanation : Service Switch Rated @ 3000 Amperes*

## Switchgear / Switchboard

Fused Disc Sw	80%			2023	\$38,800	5	\$300	B
Molded Case Bkrs	20%			2023	\$9,700	5	\$500	B

## Raceway

Conduit	50%			2023	\$28,000	1		B
Conduit	50%			2033	**	1		B

## Panelboards

Fused Disc Sw	5%			2022	\$1,900	5	\$100	B
Molded Case Bkrs	60%			2031	**	5	\$1,500	B
Molded Case Bkrs	35%			2022	\$13,500	5	\$900	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MASPETH VEHICLE MAINTENANCE**  
**Asset # : 169**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Under 600 Volts								
Wiring								
Braided Cloth	30%	2-4	\$12,900	2048	* *	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	50%			2033	* *	1		B
Thermoplastic	20%			2023	\$8,600	1		B
Motor Controllers								
Locally Mounted	100%			2021	\$53,800	5	\$600	B
Ground								
Grounding Devices								
Not Accessible	50%							D
Generic	50%			LIFE	* *	5	\$1,400	B
Lighting								
Interior Lighting								
Fluorescent	98%			2031	* *	10	\$73,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
HID	2%			2031	* *	10	\$100	B
Egress Lighting								
Emergency, Battery	50%			2018	\$16,600	10	\$9,900	B
Exit, Service	50%			2018	\$6,600	1		B
Exterior Lighting								
Incandescent	100%			2018	\$19,800	2	\$200	B
Alarm								
Security System								
No Component	70%							D
Generic	30%			2031	* *	1	\$10,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Corridors</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2031	* *	1-3	\$17,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Fire Alarm Control Panel And Alarm Bells</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Heating								
Energy Source								
Natural Gas	20%			2033	* *	1		B
Interruptible Gas/Dual Fuel	80%			2033	* *	1		B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MASPETH VEHICLE MAINTENANCE**  
**Asset # : 169**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Heating</b>								
Conversion Equipment								
Furnace	20%			2023	\$22,300	1	\$8,100	B
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 2 Roof Top Package Units</i>							
Steam Boiler	80%	Now	\$35,600	2028	* *	1	\$58,600	B
	<i>Malfunctioning, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Control Panel</i>							
	<i>Other Observation, Extent : Light, Area Affected : 80%</i>							
	<i>Location : 1st Floor Boiler Room</i>							
	<i>Explanation : 2 Units</i>							
Distribution								
Steam Piping/Pump	80%			2023	\$510,200	4	\$4,900	B
No Component	20%							D
<b>Terminal Devices</b>								
Air Handler	40%	Now	\$197,000	2033	* *	1	\$18,300	B
	<i>Not in Service, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Roof</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 12 Damaged And Corroded Old Units</i>							
Convactor/Radiator	10%			2028	* *	1	\$2,700	B
Fan Coil Unit/Heat	30%	Now	\$41,000	2023	\$410,300	1	\$7,200	B
	<i>Broken, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Fan Motors In Units Not Operating</i>							
No Component	20%							D
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2031	* *	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2023	\$120,500	2	\$1,000	B
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 2 Roof Top Package Units</i>							
Window/Wall Unit	10%			2018	\$18,800	1		B
No Component	70%							D
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%	Now	\$15,800	LIFE	* *	2-5	\$45,800	B
	<i>Damaged, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Auto Repair Shop</i>							
	<i>Needs Cleaning, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MASPETH VEHICLE MAINTENANCE**  
**Asset # : 169**

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Ventilation								
Exhaust Fans								
Roof	100%	Now	\$7,300	2023	\$72,600	2	\$2,000	B
	Not in Service, Extent : Severe, Area Affected : 15%							
	Location : Roof							
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		B
Galv Iron/Steel	50%			2021	\$136,400	1		B
Water Heater								
Electric	5%			2021	\$700	4		B
Gas Fired	40%			2018	\$8,500	2	\$500	B
No Component	55%							D
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
Generic	100%			2023	\$1,066,500	1-2	\$23,000	B

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 16-Jul-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3  
**Block** : 9657 **Lot** : 1 **BIN** : 4206524

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Exterior Architecture	\$1,954,200	\$301,700
Interior Architecture	\$4,021,400	\$422,700
Electrical	\$43,800	\$664,200
Mechanical	\$40,900	\$262,400
<b>Total</b>	<b>\$6,060,400</b>	<b>\$1,650,900</b>
Priority A	\$1,954,200	\$301,700
Priority B	\$1,618,000	\$980,300
Priority C	\$2,488,200	\$369,000
<b>Total</b>	<b>\$6,060,400</b>	<b>\$1,650,900</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Exterior Architecture			\$24,200	
Interior Architecture		\$1,300	\$5,300	
Electrical	\$500	\$3,900	\$21,000	\$500
Mechanical		\$2,000	\$2,000	\$1,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$4,500</b>	<b>\$11,200</b>	<b>\$56,400</b>	<b>\$6,400</b>
Priority A			\$24,200	
Priority B	\$4,500	\$9,900	\$32,200	\$6,400
Priority C		\$1,300		
<b>Total</b>	<b>\$4,500</b>	<b>\$11,200</b>	<b>\$56,400</b>	<b>\$6,400</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BOROUGH HALL - GARAGE**  
**Asset # : 172**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	Now	\$110,800	LIFE	**	5	\$87,900	A
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : 10th Floor Corridor At B Wing								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Glazed Ceramic Panel	40%	Now	\$244,700	LIFE	**	5	\$164,800	A
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Northeast Corner								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	30%	Now	\$86,500	LIFE	**	5	\$26,400	A
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 15%								
Location : North Facade								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : North Facade, 2nd Floor								
Metal: Cage/Fence	10%			2026	**	5	\$38,500	A
Parapets								
Cast in Place Concrete	45%			LIFE	**	5	\$49,000	A
Glazed Ceramic Panel	30%			2041	**	5-10	\$33,500	A
Masonry: Brick	20%			LIFE	**	5	\$2,100	A
Metal Panel	5%			2031	**	5	\$2,000	A
Roof								
Traffic Topping	100%	Now	\$1,512,300	2031	**			A
Expansion Jnt Failure, Extent : Severe, Area Affected : 100%								
Location : Over First Level								
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 25%								
Location : Over First Level								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof Level								
Explanation : Roof Level Not In Use Due To Poor Condition								

**Interior**

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**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BOROUGH HALL - GARAGE**  
**Asset # : 172**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Floors								
Cast in Place Concrete	10%	Now	\$52,700	LIFE	**	5	\$77,500	C
	Broken/Missing Elements, Extent : Moderate, Area Affected : 15%							
	Location : Stairs							
	Cracking/Crumbling, Extent : Moderate, Area Affected : 10%							
	Location : Stairs							
Traffic Topping	87%	Now	\$2,435,500	2026	**	5	\$192,600	C
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30%							
	Location : Throughout							
	Deteriorated Finish, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
	Uneven Substrate, Extent : Moderate, Area Affected : 25%							
	Location : Throughout							
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
	Explanation : Expansion Joint Failure							
Vinyl Tile	3%			2021	\$98,900	3	\$4,000	C
Interior Walls								
Cast in Place Concrete	85%			LIFE	**			C
Concrete Masonry Unit	12%			LIFE	**	5	\$1,600	C
Gypsum Board	3%			LIFE	**	5	\$600	C
Ceilings								
AcousTileSusp.Lay-In	3%			2026	**	5	\$10,600	B
Exposed Concrete	92%	Now	\$1,533,300	LIFE	**	5	\$50,900	B
	Cracking/Crumbling, Extent : Moderate, Area Affected : 15%							
	Location : Throughout							
	Misaligned/Bulging, Extent : Severe, Area Affected : 20%							
	Location : Levels 2 And 3							
	Water Penetration, Extent : Severe, Area Affected : 20%							
	Location : Level 2							
Exposed Concrete	5%			LIFE	**	5	\$2,800	B

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								
Service Equipment								
Fused Disc Sw	100%			2021	\$31,800	5	\$1,200	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2021	\$116,400	5	\$6,900	B
Raceway								
Conduit	100%			2021	\$151,800	1		B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BOROUGH HALL - GARAGE**  
**Asset # : 172**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Under 600 Volts								
Panelboards								
Molded Case Bkrs	100%			2020	\$99,200	5	\$6,900	B
Wiring								
Thermoplastic	100%			2021	\$118,700	1		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	2%			2021	\$10,300	10	\$4,300	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Office								
Explanation : T-12 Lamps								
HID	98%			2021	\$139,800	10	\$7,600	B
Egress Lighting								
Exit, Service	100%			2021	\$38,300	1		B
Exterior Lighting								
HID	100%			2016	\$15,600	10	\$800	B
Alarm								
Security System								
No Component	95%							D
Generic	5%			2016	\$43,800	1	\$4,900	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Ground Floor								
Explanation : 3 Surveillance Cameras								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Heating								
Energy Source								
Electricity	100%			2041	* *	1		B
Conversion Equipment								
Radiant Heater	5%			2021	\$600	2	\$100	B
Other Observation, Extent : Light, Area Affected : 5%								
Location : 1st Floor								
Explanation : Heating & A C In Office And Rest Room Only								
No Component	95%							D
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		B
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	5%			2019	\$262,400	2	\$700	B
No Component	95%							D

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**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BOROUGH HALL - GARAGE**  
**Asset # : 172**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Air Conditioning								
Heat Rejection								
Remote Air Cond	5%			2021	\$3,900	2	\$8,200	B
No Component	95%							D
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	\$6,600	B
No Component	95%							D
Exhaust Fans								
Interior	5%			2021	\$14,100	2	\$400	B
No Component	95%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2031	* *	1		B
Water Heater								
Electric	100%			2016	\$40,900	4	\$1,400	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 4-1</i>								
<i>Explanation : One Unit</i>								
Fire Suppression								
Standpipe								
Generic	100%			2021	\$9,400	1-5	\$1,200	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : QUEENS 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** : 14-Jun-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2,3,4,5  
**Block** : 10092 **Lot** : 6 **BIN** : 4215603

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Interior Architecture	\$183,900	\$135,300
<b>Total</b>	<b>\$183,900</b>	<b>\$135,300</b>
Priority C	\$183,900	\$135,300
<b>Total</b>	<b>\$183,900</b>	<b>\$135,300</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$44,300		\$6,000	
Interior Architecture	\$4,700	\$200		
Electrical	\$1,400	\$1,300	\$1,300	\$2,300
Mechanical			\$6,700	
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
<b>Total</b>	<b>\$55,300</b>	<b>\$6,500</b>	<b>\$18,900</b>	<b>\$7,200</b>
Priority A	\$44,300		\$6,000	
Priority B	\$6,300	\$6,300	\$12,900	\$7,200
Priority C	\$4,700	\$200		
<b>Total</b>	<b>\$55,300</b>	<b>\$6,500</b>	<b>\$18,900</b>	<b>\$7,200</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS FAMILY COURT GARAGE**  
**Asset # : 14320**

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

## Exterior

## Exterior Walls

Cast in Place Concrete	20%			LIFE	**	5	\$22,700	A
Concrete Masonry Unit	20%			LIFE	**	5	\$2,800	A
Exposed Struc: Steel	8%			LIFE	**	5	\$5,700	A
Masonry: Brick	15%			LIFE	**	5	\$3,400	A
Metal Panel	5%			2041	**	5-10	\$7,800	A
Metal Sect. OHD	2%			2034	**	5	\$1,400	A
Metal: Cage/Fence	25%			2034	**	5	\$24,900	A
Window Wall	5%			2041	**	5	\$4,300	A

## Parapets

Cast in Place Concrete	20%			LIFE	**	5	\$3,400	A
Masonry: Brick	10%			LIFE	**	5	\$200	A
Metal: Cage/Fence	70%			2034	**	5-10	\$8,900	A

## Roof

Cast in Place Concrete	95%	Now	\$26,000	LIFE	**			A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Single Ply Membrane	5%			2026	**	10	\$1,700	A
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## Interior

## Floors

Asphalt Macadam	23%			2034	**	5	\$9,500	C
Cast in Place Concrete	75%	Now	\$183,900	LIFE	**	5	\$135,300	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								

Vinyl Tile	2%			2021		3	\$600	C
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## Interior Walls

Cast in Place Concrete	25%			LIFE	**			C
Concrete Masonry Unit	75%			LIFE	**	5	\$2,400	C

## Ceilings

Exposed Struc: Steel	100%			LIFE	**			B
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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

## Service Equipment

Fused Disc Sw	100%			2047	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 800 Amperes.</i>								

## Switchgear / Switchboard

Molded Case Bkrs	100%			2047	**	5	\$1,600	B
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## Raceway

Conduit	100%			2047	**	1		B
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Note : 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**  
**QUEENS FAMILY COURT GARAGE**  
**Asset # : 14320**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2043	**	5	\$100	B
Molded Case Bkrs	90%			2043	**	5	\$1,400	B
Wiring								
Thermoplastic	100%			2047	**	1		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	5%			2029	**	10	\$2,500	B
HID	95%			2029	**	10	\$1,700	B
Egress Lighting								
Emergency, Battery	75%			2029	**	10	\$10,000	B
Exit, Battery	25%			2029	**	10	\$900	B
Exterior Lighting								
HID	100%			2029	**	10	\$200	B
Alarm								
Security System								
No Component	50%							D
Generic	50%			2029	**	1	\$11,300	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : 16 CCTV Surveillance Cameras								
Fire/Smoke Detection								
No Component	95%							D
Generic	5%			2029	**	1-3	\$1,900	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Fused Cutout Switch And One Smoke Detector In The Electrical Room Only								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Heating								
Energy Source								
Electricity	100%			2031	**	1		B
Conversion Equipment								
Radiant Heater	5%			2021	\$100	2		B
No Component	95%							D
Air Conditioning								
Energy Source								
Electricity	100%			2029	**	1		B
Conversion Equipment								
Window/Wall Unit	5%			2016	\$6,300	1		B
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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS FAMILY COURT GARAGE**  
**Asset # : 14320**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Plumbing									
	H/C Water Piping								
	Brass/Copper	3%			2031	* *	1		B
	No Component	97%							D
Water Heater									
	Electric	3%			2016	\$300	4		B
	No Component	97%							D
Sanitary Piping									
	Cast Iron	5%			LIFE	* *	1		B
	No Component	95%							D
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer									
	Not Accessible	100%							D
Fixtures									
	Generic	100%							B
Vertical Transport									
	Elevators								
	Hydraulic	100%			LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : G-6								
	Explanation : 1 Unit								
Fire Suppression									
	Standpipe								
	Generic	100%			2031	* *	1-5	\$300	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$1,818,400	\$1,650,200
Interior Architecture	\$976,200	\$555,400
Mechanical	\$40,900	\$40,900
<b>Total</b>	<b>\$2,835,500</b>	<b>\$2,246,600</b>
Priority A	\$1,818,400	\$1,650,200
Priority B	\$297,600	\$77,600
Priority C	\$719,500	\$518,800
<b>Total</b>	<b>\$2,835,500</b>	<b>\$2,246,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$8,400	\$25,000		
Interior Architecture	\$7,400	\$6,200	\$4,100	
Electrical	\$7,200	\$5,500	\$4,500	\$4,500
Mechanical	\$25,300	\$38,400	\$22,200	\$41,500
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
<b>Total</b>	<b>\$60,200</b>	<b>\$86,900</b>	<b>\$42,600</b>	<b>\$57,800</b>
Priority A	\$8,400	\$25,000		
Priority B	\$44,400	\$61,900	\$38,600	\$57,800
Priority C	\$7,400		\$4,100	
<b>Total</b>	<b>\$60,200</b>	<b>\$86,900</b>	<b>\$42,600</b>	<b>\$57,800</b>



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

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

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

## Exterior

## Exterior Walls

Cast in Place Concrete	7%			LIFE	**	5	\$260,200	A
Cast in Place Concrete	70%			LIFE	**	5	\$2,602,300	A
Masonry: Limestone	3%			LIFE	**	5	\$16,700	A
Metal: Cage/Fence	10%			2040	**	5	\$162,600	A
Window Wall	10%			2049	**	5	\$139,400	A

## Windows

Aluminum	100%			2045	**	5	\$49,900	A
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## Parapets

Cast in Place Concrete	100%			LIFE	**	5	\$135,900	A
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## Roof

Cast in Place Concrete	100%			LIFE	**	10	\$168,100	A
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## Interior

## Floors

Cast in Place Concrete	96%			LIFE	**	5	\$1,037,500	C
Ceramic Tile	2%			2036	**	5	\$4,900	C
Vinyl Tile	2%			2031	**	3	\$1,900	C

## Interior Walls

Cast in Place Concrete	80%			LIFE	**	10	\$200,800	C
Ceramic Tile	2%			2036	**	5	\$2,000	C
Concrete Masonry Unit	10%			LIFE	**	5	\$8,000	C
Gypsum Board	2%			LIFE	**	5-10	\$3,400	C
Metal: Cage/Fence	6%			LIFE	**	10	\$1,200	C

## Ceilings

AcousTileSusp.Lay-In	5%			2040	**	5	\$12,400	B
Exposed Concrete	95%			LIFE	**	5-10	\$293,300	B

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

## Service Equipment

Fused Disc Sw	100%			2053	**	5	\$800	B
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : One 1200 Amps Main Disconnect Switch*

## Switchgear / Switchboard

Fused Disc Sw	100%			2053	**	5	\$800	B
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## Raceway

Conduit	100%			2053	**	1		B
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## Panelboards

Fused Disc Sw	10%			2048	**	5	\$400	B
Molded Case Bkrs	90%			2048	**	5	\$4,400	B

## Wiring

Thermoplastic	100%			2053	**	1		B
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*Note : 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 COURTHOUSE GARAGE**  
**Asset # : 14557**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2043	* *	5	\$1,200	B
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$5,400	B
Lighting								
Interior Lighting								
Fluorescent	10%			2033	* *	10	\$15,100	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Office, Staircase, Mechanical Rm. & Electrical Rm.								
Explanation : T-8 Lamps								
HID	90%			2033	* *	10	\$4,800	B
Egress Lighting								
Emergency, Battery	50%			2033	* *	10	\$19,900	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Emergency Battery Power Supplies - Lighting & Elevators								
Exit, Service	50%			2033	* *	1		B
Exterior Lighting								
HID	100%			2033	* *	10	\$600	B
Alarm								
Security System								
No Component	80%							D
Generic	20%			2033	* *	1	\$13,800	B
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2033	* *	1-3	\$34,100	B
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Heating								
Energy Source								
Electricity	100%			2053	* *	1		B
Conversion Equipment								
Heat Pump	40%			2027	* *	2	\$20,400	B
Radiant Heater	60%			2031	* *	2	\$45,900	B
Other Observation, Extent : Light, Area Affected : 60%								
Location : Garage Office And Rest Rooms								
Explanation : Electric Base Board And Unit Heaters								
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		B
Conversion Equipment								
Heat Pump	40%			2027	* *	2	\$4,100	B
No Component	60%							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**  
**STATEN ISLAND COURTHOUSE GARAGE**  
**Asset # : 14557**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Air Conditioning</b>								
Terminal Devices								
Fan Coil - Cooling	100%			2031	* *	1	\$53,400	B
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Garage Office And Elevator Equipment Room</i>								
<i>Explanation : Split Unit Evaporators</i>								
<b>Heat Rejection</b>								
Remote Air Cond	60%			2031	* *	2	\$69,000	B
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Garage Office And Elevator Equipment Room</i>								
<i>Explanation : Split Unit Condensers</i>								
No Component	40%							D
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$145,700	B
Exhaust Fans								
Interior	100%			2031	* *	2	\$5,100	B
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2053	* *	1		B
Water Heater								
Not Accessible	100%							D
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2033	* *	1	\$10,200	B
Fixtures								
Generic	100%							B
<b>Vertical Transport</b>								
Elevators								
Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Northeast Corner Of Garage</i>								
<i>Explanation : 2 Units</i>								
<b>Fire Suppression</b>								
Standpipe								
Generic	100%			2053	* *	1-5	\$86,500	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture		\$36,000
Interior Architecture		\$36,000
<b>Total</b>		<b>\$72,000</b>
Priority A		\$36,000
Priority C		\$36,000
<b>Total</b>		<b>\$72,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$4,600	\$1,300		
Interior Architecture	\$4,800	\$2,400		\$2,100
Electrical	\$500	\$200	\$200	\$200
Mechanical	\$3,000	\$2,700	\$4,800	\$2,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$16,800</b>	<b>\$10,600</b>	<b>\$9,000</b>	<b>\$8,500</b>
Priority A	\$4,600	\$1,300		
Priority B	\$10,200	\$6,900	\$9,000	\$6,500
Priority C	\$2,100	\$2,400		\$2,100
<b>Total</b>	<b>\$16,800</b>	<b>\$10,600</b>	<b>\$9,000</b>	<b>\$8,500</b>



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

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

\*\* 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		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

## Exterior

## Exterior Walls

Concrete Masonry Unit	25%			LIFE	**	5	\$5,000	A
Masonry: Brick	25%			LIFE	**	5	\$8,000	A
Metal Panel	10%			2048	**	5-10	\$22,100	A
Metal Coiling Doors	5%			2039	**	5	\$5,000	A
Pre-Cast Concrete	5%			LIFE	**	5	\$5,200	A
Window Wall	30%			2048	**	5	\$36,100	A

## Windows

Aluminum	95%			2044	**	5	\$4,100	A
Metal Louvers	5%			2035	**	10	\$1,300	A

## Roof

Metal Panel	75%			2039	**	10	\$36,000	A
Not Accessible	25%							D

## Interior

## Floors

Carpet	15%			2023	\$23,800	3	\$8,200	C
Cast in Place Concrete	60%			LIFE	**	5	\$36,000	C
Ceramic Tile	10%			2035	**	5	\$2,700	C
Vinyl Tile	15%			2030	**	3	\$1,500	C

## Interior Walls

Ceramic Tile	10%			2035	**	5	\$1,100	C
Concrete Masonry Unit	55%			LIFE	**	5	\$2,500	C
Glass: Single Pane	15%			LIFE	**	5	\$1,300	C
Gypsum Board	10%			LIFE	**	5	\$700	C
Masonry: Brick	5%			LIFE	**			C
SGFT/Glazed Masonry	5%			LIFE	**			C

## Ceilings

AcousTileSusp.Lay-In	20%			2039	**	5	\$5,500	B
Exposed Struc: Steel	40%			LIFE	**			B
Metal Panel	40%			LIFE	**	5	\$13,700	B

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

## Service Equipment

Fused Disc Sw	100%			2048	**	5	\$100	B
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*Other Observation, Extent : Moderate, Area Affected : 100%*

*Location : Electrical Room*

*Explanation : 400 Amps*

## Switchgear / Switchboard

Fused Disc Sw	100%			2048	**	5	\$100	B
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## Raceway

Conduit	100%			2048	**	1		B
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## Panelboards

Molded Case Bkrs	100%			2044	**	5	\$500	B
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*Note : 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**  
**SUNRISE YARD**  
**Asset # : 14436**

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									
Wiring									
	Thermoplastic	100%			2048	* *	1		B
Motor Controllers									
	Locally Mounted	100%			2039	* *	5	\$100	B
Ground									
Grounding Devices									
	Generic	100%			LIFE	* *	5	\$300	B
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Water Main									
Explanation : Connected With Main Water Pipe									
Lighting									
Interior Lighting									
	Fluorescent	100%			2030	* *	10	\$16,800	B
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Explanation : T-8 Lamps & Compact Spiral Bulbs									
Egress Lighting									
	Exit, Service	50%			2030	* *	1		B
	Exit, Battery	50%			2030	* *	10	\$600	B
Exterior Lighting									
	HID	100%			2030	* *	10	\$100	B
Alarm									
Security System									
	No Component	90%							D
	Generic	10%			2030	* *	1	\$800	B
Fire/Smoke Detection									
	No Component	90%							D
	Generic	10%			2030	* *	1-3	\$1,300	B
Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating									
Energy Source									
	Natural Gas	100%			2048	* *	1		B
Conversion Equipment									
	Hot Water Boiler	100%			2039	* *	1	\$9,100	B
Other Observation, Extent : Light, Area Affected : 100%									
Location : 1st Floor Boiler Room									
Explanation : 2 Units									
Distribution									
	Hot Wtr Piping/Pump	100%			2044	* *	4	\$900	B

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**SUNRISE YARD**  
**Asset # : 14436**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Heating								
Terminal Devices								
Air Handler	60%			2030	* *	1	\$6,800	B
Not Accessible	40%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Hot Water Heating Tubes Are Under Ground Of The Shop</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		B
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2026	* *	2	\$1,100	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$10,200	B
Exhaust Fans								
Interior	100%			2030	* *	2	\$600	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	* *	1		B
Water Heater								
Gas Fired	100%			2021	\$4,800	2	\$300	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1-2</i>								
<i>Explanation : 1 Unit</i>								
Fire Suppression								
Standpipe								
Generic	100%			2048	* *	1-5	\$9,300	B
Sprinkler								
Generic	100%			2048	* *	1-2	\$5,100	B

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : W. 158 ST MAINT.&REPAIR FACILITY  
**Address** : 669 W. 158TH STREET BET. 158TH ST & RIVERSIDE DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0094.000 / 691 **Yr Built/Renovated** : 1928 / 2003  
**Area Sq Ft** : 211,375 **Project Type** : HIGHWAYS  
**Date of Survey** : 06-Apr-2006 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 2134 **Lot** : 250 **BIN** : 1063279

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture	\$50,900	\$798,400
Interior Architecture		\$456,900
Mechanical	\$40,200	\$38,400
<b>Total</b>	<b>\$91,100</b>	<b>\$1,293,800</b>
Priority A	\$50,900	\$798,400
Priority B	\$40,200	\$38,400
Priority C		\$456,900
<b>Total</b>	<b>\$91,100</b>	<b>\$1,293,800</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture				
Interior Architecture		\$2,000		\$10,700
Electrical	\$19,700	\$4,500		
Mechanical	\$14,100	\$41,900	\$26,100	\$38,100
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
<b>Total</b>	<b>\$45,700</b>	<b>\$60,400</b>	<b>\$38,000</b>	<b>\$60,700</b>
Priority A				
Priority B	\$45,700	\$58,300	\$38,000	\$55,800
Priority C		\$2,000		\$4,900
<b>Total</b>	<b>\$45,700</b>	<b>\$60,400</b>	<b>\$38,000</b>	<b>\$60,700</b>



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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**W. 158 ST MAINT.&REPAIR FACILITY**  
**Asset # : 691**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	30%			LIFE	* *	5	\$407,500	A
	Recent Repair Evident, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
Concrete Masonry Unit	5%			LIFE	* *	5	\$8,500	A
	Recent Replace Evident, Extent : Moderate, Area Affected : 100%							
	Location : South Facade							
Masonry: Granite	55%			LIFE	* *	5	\$112,100	A
Window Wall	10%			2047	* *	5	\$101,900	A
	Recent Construction, Extent : Moderate, Area Affected : 100%							
	Location : West Facade							
Windows								
Metal Louvers	100%			2032	* *	10	\$228,000	A
	Recent Installation, Extent : Moderate, Area Affected : 100%							
	Location : West Facade							
Parapets								
Masonry: Granite	100%			LIFE	* *	5	\$18,200	A
Roof								
Cast in Place Concrete	100%			LIFE	* *			A
	Recent Replace Evident, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	\$456,900	C
	Recent Replace Evident, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
Ceramic Tile	3%			2032	* *	5	\$7,000	C
	Recent Installation, Extent : Moderate, Area Affected : 100%							
	Location : Restrooms							
Vinyl Tile	7%			2027	* *	3	\$6,100	C
	Recent Installation, Extent : Moderate, Area Affected : 100%							
	Location : Lunch Room, Offices							
Interior Walls								
Cast in Place Concrete	47%			LIFE	* *			C
	Recent Repair Evident, Extent : Moderate, Area Affected : 15%							
	Location : Throughout							
Ceramic Tile	3%			2032	* *	5	\$2,800	C
	Recent Construction, Extent : Moderate, Area Affected : 100%							
	Location : Restrooms							
Concrete Masonry Unit	45%			LIFE	* *	5	\$17,000	C
Gypsum Board	5%			LIFE	* *	5	\$2,800	C
	Recent Installation, Extent : Moderate, Area Affected : 100%							
	Location : Lunch Room, Offices							

Note : 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**  
**W. 158 ST MAINT.&REPAIR FACILITY**  
**Asset # : 691**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2037	* *	5	\$11,600	B
		Recent Installation, Extent : Moderate, Area Affected : 25%						
		Location : Lunch Room, Offices						
Exposed Struc: Steel	95%			LIFE	* *			B
		Recent Construction, Extent : Moderate, Area Affected : 100%						
		Location : Throughout						
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								
Service Equipment								
Fused Disc Sw	100%			2043	* *	5	\$800	B
		Other Observation, Extent : Moderate, Area Affected : 100%						
		Location : Electrical Room						
		Explanation : Service Size 400amp-2, 1600amp-1						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2043	* *	5	\$4,600	B
Raceway								
Conduit	100%			2043	* *	1		B
Panelboards								
Molded Case Bkrs	100%			2039	* *	5	\$4,600	B
		Suspect Water Damage, Extent : Moderate, Area Affected : 20%						
		Location : Electrical Room						
Wiring								
Thermoplastic	100%			2043	* *	1		B
Motor Controllers								
Locally Mounted	100%			2034	* *	5	\$1,200	B
Ground								
Grounding Devices								
No Component	50%							D
Generic	50%			LIFE	* *	5	\$1,300	B
Lighting								
Interior Lighting								
Fluorescent	5%			2022	\$16,800	10	\$7,100	B
		Other Observation, Extent : Moderate, Area Affected : 50%						
		Location : Throughout						
		Explanation : Lamp 50% T-8, 50% T-12						
HID	90%			2025	* *	10	\$4,500	B
		Other Observation, Extent : Moderate, Area Affected : 100%						
		Location : Throughout						
		Explanation : Type Mercury						
Incandescent	5%			2014	\$16,800	2	\$200	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**W. 158 ST MAINT.&REPAIR FACILITY**  
**Asset # : 691**

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

## Lighting

Egress Lighting								
Emergency, Service	75%			2025	**	1		B
Exit, Service	25%			2025	**	1		B

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

## Heating

Energy Source								
Electricity	20%			2043	**	1		B
Natural Gas	80%			2037	**	1		B
Conversion Equipment								
Furnace	40%			2025	**	1	\$30,800	B
No Component	60%							D

## Air Conditioning

Energy Source								
Electricity	100%			2039	**	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2025	**	2	\$9,600	B
Distribution								
Chilled Wtr Pipe/Pump	100%			2043	**	4	\$11,500	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2025	**	1	\$96,000	B
Heat Rejection								
Air Condenser Unit	100%			2025	**	2	\$108,100	B

## Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$86,500	B
Exhaust Fans								
Interior	100%			2025	**	2	\$4,800	B

## Plumbing

H/C Water Piping								
Galv Iron/Steel	100%			2034	**	1		B
Water Heater								
Gas Fired	100%			2016	\$40,200	2	\$2,300	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Backflow Preventer								
Generic	100%			2025	**	1	\$9,600	B
Fixtures								
Generic	100%							B

## Vertical Transport

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**W. 158 ST MAINT.&REPAIR FACILITY**  
**Asset # : 691**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE		* *		C
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Different Locations									
Explanation : 1 Truck, 1 Passenger And 1 Freight Elevators									

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 03-Dec-2007 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 3030 **Lot** : 6 **BIN** : 2011133

<b>CAPITAL</b>		<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture		\$41,900	\$44,700
Interior Architecture			\$94,700
<b>Total</b>		<b>\$41,900</b>	<b>\$139,400</b>
Priority A		\$41,900	\$44,700
Priority C			\$94,700
<b>Total</b>		<b>\$41,900</b>	<b>\$139,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$38,900	\$12,800		\$9,300
Interior Architecture	\$500	\$800		\$2,500
Electrical	\$12,900	\$500		\$100
Mechanical	\$1,800	\$1,700	\$4,500	\$9,600
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$58,100</b>	<b>\$19,600</b>	<b>\$8,400</b>	<b>\$25,600</b>
Priority A	\$38,900	\$12,800		\$9,300
Priority B	\$18,700	\$6,100	\$8,400	\$16,200
Priority C	\$500	\$800		
<b>Total</b>	<b>\$58,100</b>	<b>\$19,600</b>	<b>\$8,400</b>	<b>\$25,600</b>



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 Estimates are rounded to the nearest hundred dollars.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WEBSTER AVENUE FLEET SERVICES MAINTENANCE & REPAIR SHOP**  
**Asset # : 2847**

Architecture		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Exterior								
Exterior Walls								
Concrete Masonry Unit	70%			LIFE	**	5	\$26,100	A
Metal Panel	15%			2039	**	5-10	\$61,500	A
Metal Coiling Doors	10%			2032	**	5	\$18,600	A
Pre-Cast Concrete	5%			LIFE	**	5	\$9,700	A
Windows								
Fiberglass Panel	85%			2035	**	5	\$25,500	A
	Water Penetration, Extent : Moderate, Area Affected : 5%							
	Location : Over Main Shop							
Glass Block	5%			LIFE	**	5	\$300	A
Metal Louvers	10%			2028	**	10	\$5,000	A
Parapets								
Concrete Masonry Unit	20%			LIFE	**	5	\$700	A
Masonry: Brick	25%	Now	\$5,200	LIFE	**	5	\$800	A
	Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%							
	Location : Along Flashing							
	Weepholes Not Funct, Extent : Moderate, Area Affected : 20%							
	Location : Interior Face Of East Parapet							
Metal Security Bars	5%			2047	**			A
Pre-Cast Concrete	50%			LIFE	**	5	\$10,000	A
Roof								
Built-Up (BUR)	35%			2024	**	10	\$17,000	A
Metal Panel	65%	Now	\$41,900	2032	**			A
	Broken/Missing Elements, Extent : Moderate, Area Affected : 5%							
	Location : Fascia At North Side							
	Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%							
	Location : At A/c Unit Penetrations							
	Vegetation Growth, Extent : Light, Area Affected : 5%							
	Location : North West Corner							
	Water Penetration, Extent : Moderate, Area Affected : 5%							
	Location : Over Garage Area							
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	**	5	\$94,700	C
Ceramic Tile	3%			2028	**	5	\$1,500	C
Vinyl Tile	12%			2024	**	3	\$2,300	C
Interior Walls								
Concrete Masonry Unit	70%			LIFE	**	5	\$5,800	C
Glass: Single Pane	5%	Now	\$500	LIFE	**	5	\$800	C
	Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%							
	Location : Conference Room							
Gypsum Board	10%			LIFE	**	5	\$1,200	C
SGFT/Glazed Masonry	15%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	10%			2032	**	5	\$5,100	B
Exposed Struc: Steel	85%			LIFE	**			B
Gypsum Board	5%			LIFE	**	5	\$3,200	B

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEBSTER AVENUE FLEET SERVICES MAINTENANCE & REPAIR SHOP**  
**Asset # : 2847**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2039	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Protector Rated @ 2500a.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2039	**	5	\$1,000	B
Raceway								
Conduit	100%			2039	**	1		B
Panelboards								
Molded Case Bkrs	100%			2035	**	5	\$1,000	B
Wiring								
Thermoplastic	100%			2039	**	1		B
Motor Controllers								
Locally Mounted	100%			2032	**	5	\$300	B
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Meter Room</i>								
<i>Explanation : Connected To Main Water Pipe</i>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	10%			2024	**	10	\$3,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office</i>								
<i>Explanation : T8 Lamps</i>								
HID	90%			2024	**	10	\$1,000	B
Egress Lighting								
Emergency, Battery	50%			2024	**	10	\$4,100	B
Emergency, Battery	50%			2024	**	10	\$4,100	B

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Heating</b>								
Energy Source								
Electricity	25%			2039	**	1		B
Natural Gas	75%			2039	**	1		B
Conversion Equipment								
Furnace	50%			2027	**	1	\$8,400	B
Radiant Heater	25%			2024	**	2	\$4,000	B
No Component	25%							D
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2035	**	1		B

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEBSTER AVENUE FLEET SERVICES MAINTENANCE & REPAIR SHOP**  
**Asset # : 2847**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Cooling	75%			2027	* *	2	\$1,600	B
No Component	25%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$19,000	B
Exhaust Fans								
Interior	100%			2027	* *	2	\$1,100	B
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2036	* *	1		B
Water Heater								
Electric	30%			2017	\$1,800	4	\$100	B
Gas Fired	70%			2017	\$6,200	2	\$400	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2027	* *	1	\$2,100	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	25%			LIFE	* *			C
	<i>Other Observation, Extent : Light, Area Affected : 25%</i>							
	<i>Location : 1-2</i>							
	<i>Explanation : 1 Unit</i>							
No Component	75%							D

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 03-Dec-2007 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3030 **Lot** : 6 **BIN** : 2100288

<b>CAPITAL</b>		<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Exterior Architecture			\$68,900
Interior Architecture			\$79,700
<b>Total</b>			<b>\$148,600</b>
Priority	A		\$68,900
Priority	C		\$79,700
<b>Total</b>			<b>\$148,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Exterior Architecture	\$60,600			
Interior Architecture		\$400		\$1,000
Electrical	\$12,200	\$400		\$100
Mechanical	\$1,700	\$1,200	\$2,300	\$8,200
<b>Total</b>	<b>\$74,500</b>	<b>\$1,900</b>	<b>\$2,300</b>	<b>\$9,300</b>
Priority	A			
Priority	B	\$13,900	\$2,300	\$9,300
Priority	C	\$400		
<b>Total</b>	<b>\$74,500</b>	<b>\$1,900</b>	<b>\$2,300</b>	<b>\$9,300</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEBSTER AVENUE YARD STAGING GARAGE & SIGN SHOP**  
**Asset # : 13606**

Architecture		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Exterior									
Exterior Walls									
Concrete Masonry Unit	65%			LIFE	**	5	\$14,400	A	
Fiberglass Panel	7%			2028	**	5	\$9,300	A	
Glazed Ceramic Panel	3%	Now	\$3,700	LIFE	**	5	\$5,000	A	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%									
Location : Throughout									
Misaligned/Bulging, Extent : Light, Area Affected : 5%									
Location : Over Door At West Facade									
Metal Panel	10%			2039	**	5-10	\$24,400	A	
Metal Coiling Doors	10%	Now	\$21,300	2032	**	5	\$5,500	A	
Other Observation, Extent : Severe, Area Affected : 10%									
Location : At Entrance									
Explanation : Metal Coiling Door Needs Constant Repairs And Is In Danger Of Falling									
Pre-Cast Concrete	5%			LIFE	**	5	\$5,800	A	
Parapets									
Cast in Place Concrete	30%	2-4	\$1,400	LIFE	**	5	\$11,700	A	
Other Observation, Extent : Moderate, Area Affected : 5%									
Location : Under Section Of Coping At Southwest Corner									
Explanation : Missing Through Wall Flashing									
Masonry: Brick	60%	Now	\$7,400	LIFE	**	5	\$2,300	A	
Efflorescence, Extent : Moderate, Area Affected : 10%									
Location : Interior Face									
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%									
Location : Interior Face At Flashing									
Metal Security Bars	10%			2047	**			A	
Roof									
Built-Up (BUR)	35%			2024	**	10	\$20,200	A	
Metal Panel	65%			2032	**	10	\$68,900	A	
Interior									
Floors									
Cast in Place Concrete	90%			LIFE	**	5	\$79,700	C	
Ceramic Tile	3%			2028	**	5	\$1,200	C	
Vinyl Tile	7%			2024	**	3	\$1,100	C	
Interior Walls									
Ceramic Tile	3%			2028	**	5	\$500	C	
Concrete Masonry Unit	57%			LIFE	**	5	\$3,700	C	
Glass: Single Pane	5%			LIFE	**	5	\$600	C	
Gypsum Board	10%			LIFE	**	5	\$1,000	C	
SGFT/Glazed Masonry	25%			LIFE	**			C	
Ceilings									
AcousTileSusp.Lay-In	5%			2032	**	5	\$2,000	B	
Exposed Struc: Steel	85%			LIFE	**			B	
Gypsum Board	10%			LIFE	**	5	\$5,100	B	

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WEBSTER AVENUE YARD STAGING GARAGE & SIGN SHOP**  
**Asset # : 13606**

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								
Service Equipment								
Fused Disc Sw	100%			2039	* *	5	\$100	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Service Protector Rated At 600a And 400a.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2039	* *	5	\$800	B
Raceway								
Conduit	100%			2039	* *	1		B
Panelboards								
Molded Case Bkrs	100%			2035	* *	5	\$800	B
Wiring								
Thermoplastic	100%			2039	* *	1		B
Motor Controllers								
Locally Mounted	100%			2032	* *	5	\$200	B
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$400	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Main Water Pipe Room								
Explanation : Connected To Main Water Pipe								
Lighting								
Interior Lighting								
Fluorescent	25%			2024	* *	10	\$6,200	B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Offices								
Explanation : T8 Lamps								
HID	75%			2024	* *	10	\$700	B
Egress Lighting								
Emergency, Battery	75%			2024	* *	10	\$4,900	B
Exit, Service	25%			2024	* *	1		B
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Heating								
Energy Source								
Electricity	30%			2045	* *	1		B
Natural Gas	70%			2045	* *	1		B
Conversion Equipment								
Furnace	70%			2024	* *	1	\$9,400	B
Radiant Heater	30%			2024	* *	2	\$3,800	B
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		B

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEBSTER AVENUE YARD STAGING GARAGE & SIGN SHOP**  
**Asset # : 13606**

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Air Conditioning									
	Conversion Equipment								
	Ext Pkg Unit - Cooling	30%			2027	* *	2	\$500	B
	No Component	70%							D
Ventilation									
	Distribution								
	Ductwork/Diffusers	30%			LIFE	* *	2-5	\$4,500	B
	No Component	70%							D
	Exhaust Fans								
	Interior	30%			2027	* *	2	\$300	B
	No Component	70%							D
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2045	* *	1		B
	Water Heater								
	Gas Fired	100%			2017	\$7,000	2	\$400	B
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		B
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		B
	Fixtures								
	Generic	100%							B

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$748,900	\$149,600
<b>Total</b>	<b>\$748,900</b>	<b>\$149,600</b>
Priority A	\$613,000	\$74,800
Priority B	\$135,900	\$74,800
<b>Total</b>	<b>\$748,900</b>	<b>\$149,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$81,100		\$17,300	\$3,300
<b>Total</b>	<b>\$81,100</b>		<b>\$17,300</b>	<b>\$3,300</b>
Priority A	\$41,200		\$7,500	
Priority B	\$34,900		\$7,700	
Priority C	\$5,000		\$2,000	\$3,300
<b>Total</b>	<b>\$81,100</b>		<b>\$17,300</b>	<b>\$3,300</b>



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

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

\*\* 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 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$4,700	LIFE		* *		A
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Backwall Concrete	100%			LIFE		* *		C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random								
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE		* *		A
Steel	50%	2-4	\$180,300	LIFE		* *		A
Corrosion, Extent : Severe, Area Affected : 40%								
Location : Random								
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	70%			LIFE		* *		B
Generic	30%	2-4	\$22,300	LIFE		* *		B
Leakage, Extent : Moderate, Area Affected : 20%								
Location : Random								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random								
Explanation : Joint Depressed And Filled With Debris And Dirt								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Pedestals								
Concrete	100%			LIFE		* *		A
Stem (breastwall)								
Concrete	80%			LIFE		* *		B
Concrete	20%	4+	\$98,500	LIFE		* *		B
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random								
Explanation : Honeycombing								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C

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

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

**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 Total	Fail Date (Years)	Estimated 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	**	4	\$1,100	C
Concrete	90%			2032	**	4	\$2,900	C
Concrete	10%	2-4	\$700	2032	**	4	\$2,900	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Curbs								
Concrete w/ Steel Face	50%			LIFE	**			A
Concrete w/ Steel Face	50%			LIFE	**			A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	95%			LIFE	**			C
Concrete	5%	4+	\$500	LIFE	**			C
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random								
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Random								
Piers								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$11,500	B
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
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

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\*\* 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 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Sidewalks/Fascias								
Concrete	50%			2028	**	5	\$2,000	C
Concrete	50%			2028	**	5	\$2,000	C
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Wearing Surface								
Concrete	80%			2032	**	5	\$6,700	C
Concrete	20%	4+	\$3,800	2032	**	5	\$3,300	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Superstructure								
Deck,Structural								
Concrete	70%			LIFE	**	5	\$8,300	A
Concrete	30%	4+	\$19,900	LIFE	**	5	\$4,200	A
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Random								
Explanation : Honeycombing								
Primary Member								
Steel	80%			LIFE	**	2-8	\$119,800	A
Steel	20%	4+	\$395,300	LIFE	**	2-8	\$69,900	A
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random								
Loss of Section, Extent : Light, Area Affected : 5%								
Location : Random								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Random								
Explanation : Paint Peeling								
Secondary Member								
Steel	90%			LIFE	**	2-8	\$102,800	B
Steel	10%	4+	\$1,300	LIFE	**	2-8	\$58,500	B
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random								
Explanation : Paint Peeling								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$5,245,600	\$323,100
<b>Total</b>	<b>\$5,245,600</b>	<b>\$323,100</b>
Priority A	\$4,727,700	\$191,100
Priority B	\$517,900	\$132,000
<b>Total</b>	<b>\$5,245,600</b>	<b>\$323,100</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$141,200		\$37,300	\$17,000
<b>Total</b>	<b>\$141,200</b>		<b>\$37,300</b>	<b>\$17,000</b>
Priority A	\$49,600		\$20,500	
Priority B	\$69,000		\$13,200	
Priority C	\$22,600		\$3,500	\$17,000
<b>Total</b>	<b>\$141,200</b>		<b>\$37,300</b>	<b>\$17,000</b>



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

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

\*\* 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 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								
Concrete	95%			LIFE		* *		A
Concrete	5%	4+	\$200	LIFE		* *		A
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Backwall								
Concrete	90%			LIFE		* *		C
Concrete	10%	4+	\$1,800	LIFE		* *		C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	4+	\$14,000	LIFE		* *		B
Broken/Missing Element, Extent : Moderate, Area Affected : 15%								
Location : Random								
Recent Replace Evident, Extent : Light, Area Affected : 75%								
Location : South End								
Other Observation, Extent : Light, Area Affected : 10%								
Location : End Approach On The Sidewalk								
Explanation : Sidewalk Slabs Are Not At The Same Elevations On Either Side Of The Joint.								
Joint Popped Out.								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Stem (breastwall)								
Concrete	75%			LIFE		* *		B
Concrete	25%	4+	\$374,700	LIFE		* *		B
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random								
Explanation : Honeycombing								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C
Piles								
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**  
**11TH AVE VIADUCT (RAMP) W 34 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2935**

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
Wingwalls								
Walls								
Concrete	100%			LIFE	**			C
Masonry	95%			LIFE	**			C
Masonry	5%	4+	\$5,100	LIFE	**			C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Random								
Approaches								
Pavement								
Asphalt	90%			2024	**	4	\$2,000	C
Asphalt	10%	4+	\$300	2024	**	4	\$2,000	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Concrete	90%			2032	**	4	\$5,000	C
Concrete	10%	4+	\$2,700	2032	**	4	\$5,000	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random								
Curbs								
Concrete w/ Steel Face	50%			LIFE	**			A
Concrete w/ Steel Face	50%	4+	\$6,900	LIFE	**			A
Rust Stains, Extent : Severe, Area Affected : 50%								
Location : Random								
Settlement, Extent : Severe, Area Affected : 50%								
Location : Random								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random								
Guide Railing								
Concrete	100%			2032	**	4	\$1,200	A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	80%			LIFE	**			C
Concrete	20%	4+	\$7,300	LIFE	**			C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Settlement, Extent : Light, Area Affected : 8%								
Location : West Approach, Both Sides								
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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVE VIADUCT (RAMP) W 34 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2935**

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
Piers								
Pier,Columns Concrete	100%	4+	\$47,700	LIFE	**			B
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random							
Steel	90%			LIFE	**	2-8	\$86,000	B
Steel	10%	4+	\$4,100	LIFE	**	2-8	\$52,500	B
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Random							
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Deck Elements								
Curbs								
Concrete w/ Steel Face	95%			LIFE	**			A
Concrete w/ Steel Face	5%	4+	\$100	LIFE	**			A
	Broken/Missing Element, Extent : Light, Area Affected : 5%							
	Location : Random							
	Misaligned/Bulging, Extent : Light, Area Affected : 15%							
	Location : North Side							
	Rust Stains, Extent : Light, Area Affected : 10%							
	Location : Random							
Railings/Parapets								
Concrete	100%			2032	**	4	\$1,500	A
Sidewalks/Fascias								
Concrete	100%			2028	**	5		C
Wearing Surface								
Concrete	90%			2032	**	5	\$33,900	C
Concrete	10%	4+	\$5,400	2032	**	5	\$17,000	C
	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Random							
Superstructure								
Deck,Structural								
Concrete	60%			LIFE	**	5	\$21,300	A
Concrete	40%	4+	\$289,400	LIFE	**	5	\$10,600	A
	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Delaminations, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Efflorescence, Extent : Moderate, Area Affected : 20%							
	Location : 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**  
**11TH AVE VIADUCT (RAMP) W 34 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2935**

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	60%			LIFE	* *	2-8	\$305,900	A
Steel	40%	4+	\$4,342,800	LIFE	* *	2-8	\$178,500	A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Loss of Section, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$262,500	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$606,300	\$279,100
<b>Total</b>	<b>\$606,300</b>	<b>\$279,100</b>
Priority A	\$457,400	\$45,300
Priority B	\$148,900	\$233,700
<b>Total</b>	<b>\$606,300</b>	<b>\$279,100</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$129,000		\$19,200	
<b>Total</b>	<b>\$129,000</b>		<b>\$19,200</b>	
Priority A	\$29,400		\$4,500	
Priority B	\$68,300		\$2,600	
Priority C	\$31,300		\$12,100	
<b>Total</b>	<b>\$129,000</b>		<b>\$19,200</b>	



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

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

\*\* 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 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
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : Underneath Bridge Under Construction							
Backwall 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								
Not Accessible	100%							D
Joint with Deck								
Generic	80%			LIFE		* *		B
Generic	20%	4+	\$7,800	LIFE		* *		B
	Leakage, Extent : Severe, Area Affected : 40%							
	Location : At Begin Abutment							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Stem (breastwall)								
Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : Underneath Bridge Under Construction							
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : Underneath Bridge Under Construction							

Note : 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**  
**11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2936**

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	80%			2024	* *	4	\$1,900	C
Asphalt	20%	4+	\$5,000	2024	* *	4	\$1,900	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random At East Approach								
Other Observation, Extent : Light, Area Affected : 10%								
Location : At East Approach								
Explanation : Raveling								
Concrete	80%			2032	* *	4	\$5,000	C
Concrete	20%	2-4	\$5,400	2032	* *	4	\$5,000	C
Cracks, Extent : Severe, Area Affected : 35%								
Location : Random At West Approach								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Near Joint At West Approach								
Curbs								
Concrete w/ Steel Face	100%	4+	\$3,400	LIFE	* *			A
Rust Stains, Extent : Severe, Area Affected : 50%								
Location : Random								
Settlement, Extent : Severe, Area Affected : 50%								
Location : Near Joints At Both Approaches								
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	70%			LIFE	* *			C
Concrete	30%	4+	\$7,200	LIFE	* *			C
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random								
Settlement, Extent : Moderate, Area Affected : 30%								
Location : At East Approach								
Piers								
Cap Beam								
Steel	90%			LIFE	* *	2-8	\$87,700	A
Other Observation, Extent : Severe, Area Affected : 50%								
Location : West Pier								
Explanation : Paint System Failure								
Steel	10%	4+	\$3,800	LIFE	* *	2-8	\$52,400	A
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random								
Pier,Columns								
Steel	90%			LIFE	* *	2-8	\$61,100	B
Other Observation, Extent : Severe, Area Affected : 50%								
Location : West Pier								
Explanation : Paint System Failure								
Steel	10%	4+	\$7,200	LIFE	* *	2-8	\$37,300	B
Rust Stains, Extent : Light, Area Affected : 10%								
Location : 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**  
**11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2936**

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
Piers								
Stem,Solid Pier								
Concrete	75%			LIFE	**			B
Concrete	25%	4+	\$29,400	LIFE	**			B
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random								
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
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Underneath Bridge Under Construction								
Deck Elements								
Curbs								
Concrete w/ Steel Face	95%			LIFE	**			A
Concrete w/ Steel Face	5%	4+	\$800	LIFE	**			A
Rust Stains, Extent : Severe, Area Affected : 50%								
Location : Random								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random								
Sidewalks/Fascias								
Under Construction	100%							D
Wearing Surface								
Concrete	75%			2026	**	5	\$17,200	C
Concrete	25%	4+	\$13,700	2026	**	5	\$8,600	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Old Repair, Extent : Light, Area Affected : 10%								
Location : 4 Ft X 8 Ft Patch With Steel Plate On Eastern Side								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Superstructure								

Note : 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**  
**11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2936**

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								
Deck,Structural								
Concrete	50%			LIFE	* *	5	\$11,700	A
Concrete	50%	2-4	\$388,000	LIFE	* *	5	\$5,900	A
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random								
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random With Exposed Reinforcement								
Primary Member								
Concrete Encased Steel	60%			LIFE	* *	5	\$5,800	A
Concrete Encased Steel	40%	4+	\$46,700	LIFE	* *	5	\$2,900	A
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Bottom Flange Of Fascia Girder								
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Secondary Member								
Concrete	75%			LIFE	* *	5	\$207,800	B
Concrete	25%	4+	\$45,000	LIFE	* *	5	\$103,900	B
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : 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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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 2014 - 2017	FY 2018 - 2023
Bridge Structure		\$24,700
<b>Total</b>		<b>\$24,700</b>
Priority C		\$24,700
<b>Total</b>		<b>\$24,700</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$75,600		\$1,000	\$22,200
<b>Total</b>	<b>\$75,600</b>		<b>\$1,000</b>	<b>\$22,200</b>
Priority A	\$6,900			
Priority B	\$7,800			
Priority C	\$60,900		\$1,000	\$22,200
<b>Total</b>	<b>\$75,600</b>		<b>\$1,000</b>	<b>\$22,200</b>



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

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

\*\* 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		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
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : Underneath Bridge Under Construction							
Backwall 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								
Not Accessible	100%							D
Joint with Deck								
Generic	80%			LIFE		* *		B
Generic	20%	4+	\$7,800	LIFE		* *		B
	Misaligned/Bulging, Extent : Light, Area Affected : 10%							
	Location : At West Abutment							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Stem (breastwall)								
Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : Underneath Bridge Under Construction							
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : Underneath Bridge Under Construction							

Note : 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**  
**11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2937**

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	80%			2024	* *	4	\$1,900	C
Asphalt	20%	2-4	\$2,500	2021	\$24,700	4	\$1,900	C
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random At East Approach								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random At East Approach								
Concrete	95%			2032	* *	4	\$100	C
Concrete	5%	4+		2032	* *	4	\$100	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random At West Approach								
Curbs								
Concrete w/ Steel Face	80%	4+	\$5,500	LIFE	* *			A
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random At West Approach								
Concrete w/ Steel Face	20%	2-4	\$1,400	LIFE	* *			A
Broken/Missing Element, Extent : Moderate, Area Affected : 30%								
Location : Spalled And Missing Concrete Behind Steel Curb Face At West Approach								
Embankment								
Earth	80%			LIFE	* *			C
Earth	20%	4+		LIFE	* *			C
Settlement, Extent : Light, Area Affected : 10%								
Location : At Joint At West Approach								
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	50%			LIFE	* *			C
Concrete	50%	2-4	\$23,100	LIFE	* *			C
Cracks, Extent : Moderate, Area Affected : 25%								
Location : Random								
Settlement, Extent : Severe, Area Affected : 50%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Random								
Piers								
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 : Underneath Bridge Under Construction								

Note : 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**  
**11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2937**

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	
Piers									
Stem,Solid Pier 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 Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	**			A	
Pedestals Not Accessible	100%							D	
	Other Observation, Extent : Light, Area Affected : 0%								
	Location :								
	Explanation : Underneath Bridge Under Construction								
Deck Elements									
Curbs Concrete w/ Steel Face	100%			LIFE	**			A	
Gratings Steel	100%			LIFE	**			A	
Railings/Parapets Concrete	100%			2032	**	4		A	
Steel	100%			LIFE	**	2-8		A	
Sidewalks/Fascias Concrete	90%			2028	**	5	\$11,000	C	
Concrete	10%	4+	\$7,000	2028	**	5	\$5,500	C	
	Cracks, Extent : Moderate, Area Affected : 20%								
	Location : Random								
Wearing Surface Concrete	80%			2032	**	5	\$44,400	C	
Concrete	20%	4+	\$28,200	2032	**	5	\$22,200	C	
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Transverse Crack								
Superstructure									
Deck,Structural Not Accessible	100%							D	
	Other Observation, Extent : Light, Area Affected : 0%								
	Location :								
	Explanation : Underneath Bridge Under Construction								

*Note : 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**  
**11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2937**

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								
Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							

*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,297,900	\$602,500
<b>Total</b>	<b>\$1,297,900</b>	<b>\$602,500</b>
Priority A	\$819,200	\$267,200
Priority B	\$478,600	\$335,200
<b>Total</b>	<b>\$1,297,900</b>	<b>\$602,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$257,700		\$66,300	\$22,300
<b>Total</b>	<b>\$257,700</b>		<b>\$66,300</b>	<b>\$22,300</b>
Priority A	\$138,800		\$31,100	
Priority B	\$60,800		\$33,600	
Priority C	\$58,100		\$1,700	\$22,300
<b>Total</b>	<b>\$257,700</b>		<b>\$66,300</b>	<b>\$22,300</b>



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

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

\*\* 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**  
**Asset # : 2933**

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								
Concrete	80%			LIFE		* *		A
Concrete	20%	4+	\$2,600	LIFE		* *		A
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Random								
Backwall								
Concrete	100%	4+	\$11,400	LIFE		* *		C
Cracks, Extent : Light, Area Affected : 2%								
Location : Front Face Of Back Wall								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Front Face Of Back Wall								
Rust Stains, Extent : Severe, Area Affected : 30%								
Location : Front Face Of Back Wall								
Brngs,Ancr Blts,Pads								
Steel	70%			LIFE		* *		A
Steel	30%	0-2	\$20,900	LIFE		* *		A
Corrosion, Extent : Severe, Area Affected : 40%								
Location : Random								
Rust Stains, Extent : Severe, Area Affected : 40%								
Location : Random								
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	40%			LIFE		* *		B
Generic	60%	Now	\$100,900	LIFE		* *		B
Broken/Missing Element, Extent : Severe, Area Affected : 30%								
Location : Random								
Corrosion, Extent : Light, Area Affected : 10%								
Location : Steel Member Of The Joint								
Leakage, Extent : Severe, Area Affected : 70%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 70%								
Location : Various								
Explanation : Construction Operations On-going								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Pedestals								
Concrete	80%			LIFE		* *		A
Concrete	20%	4+	\$26,300	LIFE		* *		A
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : 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**  
**11TH AVE VIADUCT (RAMP) W.33 ST/AMTRAK 30TH ST.BRANCH**  
**Asset # : 2933**

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								
Stem (breastwall)								
Concrete	80%			LIFE	**			B
Concrete	20%	4+	\$67,400	LIFE	**			B
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Delaminations, Extent : Severe, Area Affected : 30%								
Location : Random								
Spalling, Extent : Light, Area Affected : 5%								
Location : Front Face Of Stem Wall								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			C
Piles								
Not Accessible	100%							D
Walls								
Masonry: Schist/Gnies	100%			LIFE	**			C
Approaches								
Pavement								
Asphalt	85%			2024	**	4	\$3,300	C
Asphalt	15%	2-4	\$3,300	2024	**	4	\$3,300	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Concrete	100%			2038	**	4	\$41,000	C
Curbs								
Concrete w/ Steel Face	95%			LIFE	**			A
Concrete w/ Steel Face	5%	4+	\$100	LIFE	**			A
Rust Stains, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random								
Guide Railing								
Concrete	100%			2032	**	4	\$1,200	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Side								
Explanation : Concrete Wall Is On The South Side Of The Ramp								
Steel	95%			LIFE	**	2-8	\$1,900	A
Steel	5%	Now	\$700	LIFE	**	2-8	\$1,200	A
Broken/Missing Element, Extent : Moderate, Area Affected : 10%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Side Of Ramp - 4th Post From End Of Abutment								
Explanation : Steel Fence Is On The North Side Of The Ramp, 4th Post From End Of Abutment Is Broken								
Pavement Base								
Not Accessible	100%							D

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Estimates are rounded to the nearest hundred dollars.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVE VIADUCT (RAMP) W.33 ST/AMTRAK 30TH ST.BRANCH**  
**Asset # : 2933**

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								
Sidewalks/Fascias								
Concrete	80%			LIFE	**			C
Concrete	20%	2-4	\$4,600	LIFE	**			C
Cracks, Extent : Light, Area Affected : 5%								
Location : Southwest Sidewalk								
Settlement, Extent : Light, Area Affected : 10%								
Location : Southwest Sidewalk								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Random								
Piers								
Pier,Columns								
Concrete Encased Steel	85%			LIFE	**	5		B
Concrete Encased Steel	15%	4+	\$300	LIFE	**	5		B
Cracks, Extent : Light, Area Affected : 15%								
Location : In Concrete Encasement In Bottom Of Column								
Spalling, Extent : Light, Area Affected : 15%								
Location : Concrete Encasement At Bottom Of Column								
Steel	90%			LIFE	**	2-8	\$160,500	B
Steel	10%	4+	\$38,000	LIFE	**	2-8	\$97,900	B
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location :								
Explanation : Column Encasement - Concrete - Is Damaged At 1 Column								
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE	**	2-8	\$2,500	A
Steel	50%	2-4	\$116,300	LIFE	**	2-8	\$1,500	A
Corrosion, Extent : Moderate, Area Affected : 10%								
Location : Random								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Steel	80%			LIFE	**			B
Steel	20%	4+	\$7,600	LIFE	**			B
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : Random								
Deck Elements								
Curbs								
Concrete w/ Steel Face	90%			LIFE	**			A
Concrete w/ Steel Face	10%	Now	\$20,500	LIFE	**			A
Broken/Missing Element, Extent : Severe, Area Affected : 80%								
Location : Random								
Railings/Parapets								
Concrete	100%			2032	**	4	\$7,000	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.

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\*\* 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**  
**Asset # : 2933**

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								
Sidewalks/Fascias								
Concrete	95%			2028	**	5	\$11,000	C
Concrete	5%	4+	\$1,800	2028	**	5	\$5,500	C
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Approximately 2 Square Feet On North Side								
Wearing Surface								
Concrete	95%			2032	**	5	\$44,700	C
Concrete	5%	4+	\$1,800	2032	**	5	\$22,300	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Recent Repair Evident, Extent : Light, Area Affected : 40%								
Location : Asphalt Repair At Longitudinal Joints								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random								
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	**	5	\$29,700	A
Other Observation, Extent : Light, Area Affected : 33%								
Location : Center Of Structure								
Explanation : Covered By Timber Shielding								
Concrete	5%	4+	\$6,600	LIFE	**	5	\$14,900	A
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Delaminations, Extent : Light, Area Affected : 20%								
Location : Random								
Exposed Reinforcement, Extent : Light, Area Affected : 2%								
Location : Adjacent To Joint In Middle Of The Bridge								
Spalling, Extent : Light, Area Affected : 20%								
Location : Wood Decking In Middle Bay For 5 Spans								
Joints								
Generic	50%			LIFE	**			C
Generic	30%	2-4	\$12,000	LIFE	**			C
Leakage, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Damaged Armor Joint								
Generic	20%	Now	\$9,600	LIFE	**			C
Broken/Missing Element, Extent : Severe, Area Affected : 60%								
Location : At End Bridge								
Primary Member								
Steel	85%			LIFE	**	2-8	\$427,800	A
Steel	15%	2-4	\$569,300	LIFE	**	2-8	\$249,600	A
Corrosion, Extent : Severe, Area Affected : 40%								
Location : Random								
Loss of Section, Extent : Light, Area Affected : 10%								
Location : 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.

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\*\* 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**  
**Asset # : 2933**

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								
Secondary Member								
Steel	80%			LIFE	* *	2-8	\$367,000	B
Steel	20%	4+	\$104,800	LIFE	* *	2-8	\$209,100	B
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								

*Note : 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.*

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : 11TH AVENUE VIADUCT 11TH AVE.VIADCT/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** : 16-Jul-2008 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245010

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$7,831,700	\$7,800,400
<b>Total</b>	<b>\$7,831,700</b>	<b>\$7,800,400</b>
Priority A	\$6,850,400	\$3,359,900
Priority B	\$596,800	\$2,737,000
Priority C	\$384,500	\$1,703,500
<b>Total</b>	<b>\$7,831,700</b>	<b>\$7,800,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$108,600	\$56,200	\$597,000	
<b>Total</b>	<b>\$108,600</b>	<b>\$56,200</b>	<b>\$597,000</b>	
Priority A	\$30,300		\$321,600	
Priority B			\$274,500	
Priority C	\$78,300	\$56,200	\$900	
<b>Total</b>	<b>\$108,600</b>	<b>\$56,200</b>	<b>\$597,000</b>	



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVENUE VIADUCT 11TH AVE.VIADCT/LIRR W.SIDE YARD**  
**Asset # : 2491**

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 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	50%			LIFE	**			B	
Generic	50%	2-4	\$64,400	LIFE	**			B	
Broken/Missing Element, Extent : Light, Area Affected : 20%									
Location : Random									
Mat (scour & erosion) Earth	100%			LIFE	**			B	
Pedestals Concrete	100%			LIFE	**			A	
Stem (breastwall) Concrete	100%			LIFE	**			B	
Wingwalls									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	**			C	
Piles Not Accessible	100%							D	
Walls Concrete	80%			LIFE	**			C	
Concrete	20%	4+	\$36,600	LIFE	**			C	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random									
Approaches									
Pavement Asphalt	100%			2024	**	4	\$1,800	C	
Concrete	80%			2022	\$675,800	4	\$41,000	C	
Concrete	20%	4+	\$16,900	2022	\$168,900	4	\$27,300	C	
Spalling, Extent : Light, Area Affected : 15%									
Location : Random									
Curbs Concrete w/ Steel Face	100%			LIFE	**			A	
Rust Stains, Extent : Light, Area Affected : 100%									
Location : Random									
Guide Railing Concrete	80%			2028	**	4	\$4,700	A	
Concrete	20%	4+	\$4,400	2028	**	4	\$4,700	A	
Cracks, Extent : Light, Area Affected : 10%									
Location : 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**  
**11TH AVENUE VIADUCT 11TH AVE.VIADCT/LIRR W.SIDE YARD**  
**Asset # : 2491**

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 Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	80%			LIFE	**			C
Concrete	20%	4+	\$13,400	LIFE	**			C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$1,160,800	A
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$536,200	B
Stem,Solid Pier								
Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$351,400	LIFE	**			B
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random								
Brngs,Ancr Blts,Pads								
Steel	75%			LIFE	**	2-8	\$27,200	A
Steel	25%	4+	\$484,300	LIFE	**	2-8	\$27,200	A
Loose Elements, Extent : Moderate, Area Affected : 10%								
Location : Random								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$109,300	LIFE	**			B
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Rust Stains, Extent : Light, Area Affected : 100%								
Location : Random								
Railings/Parapets								
Concrete	90%			2028	**	4	\$21,500	A
Concrete	10%	4+	\$25,900	2028	**	4	\$21,500	A
Cracks, Extent : Light, Area Affected : 10%								
Location : 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**  
**11TH AVENUE VIADUCT 11TH AVE.VIADCT/LIRR W.SIDE YARD**  
**Asset # : 2491**

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								
Sidewalks/Fascias								
Concrete	70%			2024	**	5	\$68,700	C
Concrete	30%	4+	\$152,000	2024	**	5	\$34,400	C
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Masonry	80%			2039	**	4	\$168,500	C
Masonry	20%	4+	\$57,800	2039	**	4	\$112,400	C
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random								
Wearing Surface								
Concrete	90%			2028	**	5	\$526,700	C
Concrete	10%	4+	\$96,100	2028	**	5	\$263,300	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random								
Superstructure								
Deck,Structural								
Concrete	80%			LIFE	**	5	\$141,800	A
Concrete	20%	4+	\$2,205,500	LIFE	**	5	\$141,800	A
Cracks, Extent : Light, Area Affected : 25%								
Location : Random								
Efflorescence, Extent : Light, Area Affected : 25%								
Location : Random								
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Joints								
Generic	75%			LIFE	**			C
Generic	25%	4+	\$42,000	LIFE	**			C
Broken/Missing Element, Extent : Moderate, Area Affected : 30%								
Location : Random								
Leakage, Extent : Moderate, Area Affected : 30%								
Location : Random								
Primary Member								
Steel	90%			LIFE	**	2-8	\$2,382,200	A
Steel	10%	4+	\$4,160,600	LIFE	**	2-8	\$2,382,200	A
Broken/Missing Element, Extent : Light, Area Affected : 5%								
Location : Random								
Secondary Member								
Steel	95%			LIFE	**	2-8	\$1,995,600	B
Steel	5%	4+	\$71,800	LIFE	**	2-8	\$1,995,600	B
Broken/Missing Element, Extent : Light, Area Affected : 30%								
Location : 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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 28-Oct-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246660

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$10,476,100	\$4,077,100
<b>Total</b>	<b>\$10,476,100</b>	<b>\$4,077,100</b>
Priority A	\$7,965,300	\$1,410,200
Priority B	\$2,266,100	\$1,760,900
Priority C	\$244,700	\$906,000
<b>Total</b>	<b>\$10,476,100</b>	<b>\$4,077,100</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$131,700	\$12,600	\$300,500	\$29,600
<b>Total</b>	<b>\$131,700</b>	<b>\$12,600</b>	<b>\$300,500</b>	<b>\$29,600</b>
Priority A	\$40,800		\$123,900	
Priority B			\$176,600	
Priority C	\$90,900	\$12,600		\$29,600
<b>Total</b>	<b>\$131,700</b>	<b>\$12,600</b>	<b>\$300,500</b>	<b>\$29,600</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W125TH ST.& OTHERS**  
**Asset # : 2662**

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 Granite	100%	4+	\$16,900	LIFE		* *		A
Other Observation, Extent : Light, Area Affected : 5%								
Location : At Top Of Abutment								
Explanation : Missing Mortar								
Backwall								
Granite	75%			LIFE		* *		C
Granite	25%	4+	\$18,200	LIFE		* *		C
Efflorescence, Extent : Light, Area Affected : 20%								
Location : End Abutment								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		* *		A
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE		* *		B
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Pedestals								
Concrete	100%			LIFE		* *		A
Stem (breastwall)								
Granite	85%			LIFE		* *		B
Granite	15%	4+	\$2,041,600	LIFE		* *		B
Cracks, Extent : Light, Area Affected : 20%								
Location : End Abutment								
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : At Begin Abutment								
Vegetation Growth, Extent : Moderate, Area Affected : 50%								
Location : At Begin And End Abutment								
Other Observation, Extent : Light, Area Affected : 2%								
Location : At End Of Abutment								
Explanation : Rust Staining								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
Walls								
Granite	90%			LIFE		* *		C
Granite	10%	4+	\$30,700	LIFE		* *		C
Cracks, Extent : Moderate, Area Affected : 5%								
Location : At End Abutment								
Vegetation Growth, Extent : Moderate, Area Affected : 50%								
Location : At End Abutment								

**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**  
**125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W125TH ST.& OTHERS**  
**Asset # : 2662**

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	100%	4+	\$8,700	2023	\$436,600	4	\$6,600	C
	Cracks, Extent : Light, Area Affected : 5%							
	Location : At End Of Abutment							
Concrete	50%			2031	**	4	\$37,900	C
Concrete	50%	Now	\$17,000	2031	**	4	\$25,200	C
	Recent Repair Evident, Extent : Light, Area Affected : 10%							
	Location : At End Of Abutment							
	Spalling, Extent : Moderate, Area Affected : 50%							
	Location : End Abutment							
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
	Rust Stains, Extent : Moderate, Area Affected : 10%							
	Location : At End Abutment							
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Granite	95%			LIFE	**			A
Granite	5%	Now	\$3,600	LIFE	**			A
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : End Approach							
	Explanation : Dislocated Coping Stones, Missing Balustrade And Missing Mortar, Heavy Vegetation.							
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Asphalt	100%	4+	\$42,000	2023	\$210,100	4	\$6,600	C
	Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Northwest Corner							
	Settlement, Extent : Moderate, Area Affected : 10%							
	Location : Northwest Corner							
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Steel	90%			LIFE	**	2-8	\$61,200	A
Steel	10%	4+	\$17,600	LIFE	**	2-8	\$61,200	A
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Extrados Flanges Of The Bottom Member, And Throughout Latticing							
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$1,611,500	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W125TH ST.& OTHERS**  
**Asset # : 2662**

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
Piers								
Stem,Solid Pier								
Granite	90%			LIFE	**			B
Granite	10%	4+	\$224,500	LIFE	**			B
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Beginning Approach								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Beginning Approach								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Paved Underneath								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Railings/Parapets								
Masonry	90%			2031	**	5	\$1,300	A
Masonry	10%	4+	\$2,700	2031	**	5	\$600	A
Other Observation, Extent : Light, Area Affected : 20%								
Location : Begin Approach								
Explanation : Missing Mortar And Vegetation Growth Below Cap Stone								
Steel	100%			LIFE	**	2-8	\$62,900	A
Sidewalks/Fascias								
Concrete	90%			2027	**	5	\$59,200	C
Concrete	10%	4+	\$38,000	2027	**	5	\$29,600	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wearing Surface								
Asphalt	100%			2023		5		C
Other Observation, Extent : Light, Area Affected : 100%								
Location : Span No. 1								
Explanation : At Span No. 1 Only								
Concrete	100%	4+	\$164,700	2031	**	5	\$259,300	C
Cracks, Extent : Light, Area Affected : 2%								
Location : Throughout								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$133,600	A
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Bottom Side Of Slab Covered By Sip Forms								

Note : 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**  
**125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W125TH ST.& OTHERS**  
**Asset # : 2662**

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								
Joints								
Generic	90%			LIFE	**			C
Generic	10%	4+	\$16,400	LIFE	**			C
<i>Broken/Missing Element, Extent : Light, Area Affected : 20%</i>								
<i>Location :</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location :</i>								
<i>Explanation : Worn Out Filler</i>								
Primary Member								
Concrete	60%			LIFE	**	5	\$25,000	A
Concrete	40%	0-2	\$7,965,300	LIFE	**	5	\$25,000	A
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Span 1</i>								
<i>Explanation : Hollow Area Of Brick Veneers And Missing Elements And Covered With Steel Mesh</i>								
Steel	100%			LIFE	**	2-8	\$2,153,900	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,879,500	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : 21ST STREET BRIDGE  
**Address** : 21ST STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0170.000 / 13578 **Yr Built/Renovated** :  
**Area Sq Ft** : 17,590 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 28-Oct-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247270

<b>CAPITAL</b>		<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure			\$199,600
<b>Total</b>			<b>\$199,600</b>
Priority B			\$43,800
Priority C			\$155,800
<b>Total</b>			<b>\$199,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$24,900	\$12,700	\$33,000	\$4,500
<b>Total</b>	<b>\$24,900</b>	<b>\$12,700</b>	<b>\$33,000</b>	<b>\$4,500</b>
Priority A	\$6,200	\$3,400	\$300	
Priority B	\$18,800		\$4,400	
Priority C		\$9,200	\$28,300	\$4,500
<b>Total</b>	<b>\$24,900</b>	<b>\$12,700</b>	<b>\$33,000</b>	<b>\$4,500</b>



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

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

\*\* 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			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 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	50%			LIFE	* *			B	
Generic	50%	4+	\$18,800	LIFE	* *			B	
Missing/Damaged Seal, Extent : Light, Area Affected : 10% Location : Random									
Mat (scour & erosion) Earth	100%			LIFE	* *			B	
Stem (breastwall) Concrete	100%			LIFE	* *			B	
Wingwalls									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	* *			C	
Piles Not Accessible	100%							D	
Walls Concrete	100%			LIFE	* *			C	
Approaches									
Pavement Asphalt	100%			2023	\$155,800	4	\$3,500	C	
Concrete	100%			2031	* *	4	\$24,200	C	
Curbs Concrete w/ Steel Face	100%	4+	\$2,100	LIFE	* *			A	
Rust Stains, Extent : Light, Area Affected : 20% Location : Both Approaches									
Embankment Earth	100%			LIFE	* *			C	
Mat (scour & erosion) Earth	100%			LIFE	* *			A	
Pavement Base Not Accessible	100%							D	
Sidewalks/Fascias Concrete	100%			LIFE	* *			C	
Piers									
Cap Beam Not Accessible	100%							D	
Pier,Columns Steel	100%			LIFE	* *	2-8	\$126,100	B	

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

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

\*\* 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		Future Replacement		Maintenance			
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	
Piles									
Not Accessible	100%							D	
Deck Elements									
Curbs									
Concrete w/ Steel Face	100%	4+	\$4,000	LIFE		* *		A	
Rust Stains, Extent : Light, Area Affected : 100%									
Location : Throughout									
Railings/Parapets									
Concrete	100%			2031		* *	4	\$10,300	A
Steel	100%			LIFE		* *	2-8	\$9,400	A
Sidewalks/Fascias									
Concrete	100%			2027		* *	5	\$9,100	C
Wearing Surface									
Concrete	100%			2031		* *	5	\$56,500	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

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,337,600	
<b>Total</b>	<b>\$1,337,600</b>	
Priority A	\$1,009,500	
Priority B	\$188,100	
Priority C	\$140,100	
<b>Total</b>	<b>\$1,337,600</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$33,700		\$100	
<b>Total</b>	<b>\$33,700</b>		<b>\$100</b>	
Priority A	\$4,400		\$100	
Priority B	\$20,300			
Priority C	\$9,000			
<b>Total</b>	<b>\$33,700</b>		<b>\$100</b>	



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

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

\*\* 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 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								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE		* *		B
Mat (scour & erosion)								
Generic	100%			LIFE		* *		B
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Concrete	100%	4+	\$20,300	LIFE		* *		B
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
Walls								
Concrete	90%			LIFE		* *		C
Concrete	10%	4+	\$140,100	LIFE		* *		C
Efflorescence, Extent : Light, Area Affected : 8%								
Location : Random								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random								
Approaches								
Pavement								
Asphalt	100%	4+	\$2,100	2024		* *	4	\$2,200 C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Settlement, Extent : Light, Area Affected : 10%								
Location : 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**  
**31ST STREET BRIDGE**  
**Asset # : 13670**

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								
Curbs								
Concrete	90%			LIFE	* *			A
Concrete	10%	4+	\$1,400	LIFE	* *			A
Broken/Missing Element, Extent : Light, Area Affected : 10%								
Location : Random								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random								
Spalling, Extent : Light, Area Affected : 8%								
Location : Random								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Not Accessible	100%							D
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	4+	\$1,800	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 4%								
Location : Random								
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$188,100	LIFE	* *			B
Cracks, Extent : Light, Area Affected : 4%								
Location : Random								
Exposed Reinforcement, Extent : Light, Area Affected : 1%								
Location : Random								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random								
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%	4+	\$1,000	LIFE	* *			A
Rust Stains, Extent : Light, Area Affected : 2%								
Location : Random								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$5,200	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**  
**31ST STREET BRIDGE**  
**Asset # : 13670**

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								
Sidewalks/Fascias								
Concrete	100%	4+	\$5,100	2028	* *	5	\$2,800	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random								
Wearing Surface								
Asphalt	100%			2024	* *	5		C
Cracks, Extent : Light, Area Affected : 8%								
Location : Random								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random								
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$724,300	LIFE	* *	5		A
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Exposed Reinforcement, Extent : Light, Area Affected : 3%								
Location : Random								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : As Per Nysdot Inspection Report								
Primary Member								
Steel	100%	4+	\$285,200	LIFE	* *	2-8		A
Broken,Missing Pave, Extent : Light, Area Affected : 5%								
Location : A Broken Intermittent Weld At Stringer S8 At Span 1								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Stringers S2, S3 & S5								
Explanation : Impact Damage As Per Nysdot Inspection Report								
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : 32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)  
**Address** : 32ND STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0176.000 / 13710 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,100 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 30-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230640

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$172,000	\$136,400
<b>Total</b>	<b>\$172,000</b>	<b>\$136,400</b>
Priority B	\$102,400	
Priority C	\$69,500	\$136,400
<b>Total</b>	<b>\$172,000</b>	<b>\$136,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$19,800			
<b>Total</b>	<b>\$19,800</b>			
Priority C	\$19,800			
<b>Total</b>	<b>\$19,800</b>			



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

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

\*\* 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 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 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	* *			B	
	Broken/Missing Element, Extent : Light, Area Affected : 10% Location : Begin Joint With Deck								
Mat (scour & erosion) Generic	100%			LIFE	* *			B	
Pedestals Concrete	100%			LIFE	* *			A	
Stem (breastwall) Concrete	100%	4+	\$49,600	LIFE	* *			B	
	Cracks, Extent : Moderate, Area Affected : 20% Location : End Abutment								
Wingwalls									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Generic	100%			LIFE	* *			C	
Piles Not Accessible	100%							D	
Walls Concrete	100%	4+	\$69,500	LIFE	* *			C	
	Cracking/Crumbling, Extent : Moderate, Area Affected : 30% Location : Both Abutments Spalling, Extent : Light, Area Affected : 10% Location : Begin Abutment								
Approaches									
Pavement Asphalt	100%	4+	\$6,800	2022	\$136,400	4	\$2,900	C	
	Cracks, Extent : Light, Area Affected : 10% Location : Both Approaches Settlement, Extent : Severe, Area Affected : 5% Location : End Approach Near Right Side Other Observation, Extent : Light, Area Affected : 100% Location : Both Approaches Explanation : Asphalt 50%; Concrete 50%								
Concrete	100%	4+	\$4,200	2030	* *	4	\$11,000	C	
	Spalling, Extent : Light, Area Affected : 5% Location : Both 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**  
**32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)**  
**Asset # : 13710**

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									
Curbs									
Concrete w/ Steel Face	100%			LIFE	**			A	
Embankment									
Generic	100%			LIFE	**			C	
Guide Railing									
Steel	100%			LIFE	**	2-8		A	
Sidewalks/Fascias									
Concrete	100%			LIFE	**			C	
Piers									
Cap Beam									
Concrete	100%			LIFE	**			A	
Stem,Solid Pier									
Concrete	100%	4+	\$52,800	LIFE	**			B	
Cracks, Extent : Light, Area Affected : 5%									
Location : Span 2 Side									
Brngs,Ancr Blts,Pads									
Steel	100%			LIFE	**	2-8		A	
Footings									
Not Accessible	100%							D	
Deck Elements									
Curbs									
Concrete w/ Steel Face	100%			LIFE	**			A	
Mono Deck Surface									
Concrete	100%	4+	\$2,400	2041	**	5	\$14,700	C	
Cracks, Extent : Light, Area Affected : 30%									
Location : Span2 Right Side									
Spalling, Extent : Light, Area Affected : 5%									
Location : Span 2									
Railings/Parapets									
Steel	100%			LIFE	**	2-8		A	
Sidewalks/Fascias									
Concrete	100%	4+	\$6,300	2026	**	5		C	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random									
Superstructure									
Deck,Structural									
Concrete	100%			LIFE	**	5		A	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Entire Deck									
Explanation : Bottom Covered With Stay In Place Forms									
Primary Member									
Steel	100%			LIFE	**	2-8		A	
Secondary Member									
Steel	100%			LIFE	**	2-8		B	

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

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

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



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : 3RD AVE. BRIDGE  
**Address** : 3RD AVE.  
**Borough** : BROOKLYN  
**Program / Asset #** : DOT0165.000 / 13573  
**Area Sq Ft** : 17,230  
**Date of Survey** : 10-Nov-2010  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2243320  
**Agency's Number** : N/A  
**Yr Built/Renovated** : 1914 /  
**Project Type** : HIGHWAY BRIDGES  
**Landmark Status** : NONE

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$230,700	\$463,100
<b>Total</b>	<b>\$230,700</b>	<b>\$463,100</b>
Priority B	\$71,000	
Priority C	\$159,800	\$463,100
<b>Total</b>	<b>\$230,700</b>	<b>\$463,100</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$84,100	\$15,900	\$27,000	
<b>Total</b>	<b>\$84,100</b>	<b>\$15,900</b>	<b>\$27,000</b>	
Priority A	\$30,300	\$3,000	\$500	
Priority C	\$53,800	\$12,900	\$26,500	
<b>Total</b>	<b>\$84,100</b>	<b>\$15,900</b>	<b>\$27,000</b>	



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

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

\*\* 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 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 Concrete	100%			LIFE	**			A	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Observation Supplemented With Biennial									
Backwall Concrete	100%			LIFE	**			C	
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**			A	
Footings Not Accessible	100%							D	
Joint with Deck Generic	50%			LIFE	**			B	
Generic	50%	Now	\$71,000	LIFE	**			B	
Loose Elements, Extent : Moderate, Area Affected : 50%									
Location : Both Abutments									
Mat (scour & erosion) Earth	100%			LIFE	**			B	
Pedestals Concrete	100%			LIFE	**			A	
Stem (breastwall) Concrete	100%			LIFE	**			B	
Wingwalls									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	**			C	
Piles Not Accessible	100%							D	
Walls Concrete	100%			LIFE	**			C	
Approaches									
Pavement Asphalt	100%	4+	\$23,200	2023	\$463,100	4	\$6,100	C	
Cracks, Extent : Light, Area Affected : 5%									
Location : Throughout									
Concrete	80%			2031	**	4	\$38,800	C	
Concrete	20%	0-2	\$159,800	2037	**	4	\$25,800	C	
Broken,Missing Pave, Extent : Severe, Area Affected : 5%									
Location : Begin Approach									
Cracks, Extent : Moderate, Area Affected : 15%									
Location : Both Approaches									
Spalling, Extent : Severe, Area Affected : 5%									
Location : Begin Approach									
Other Observation, Extent : Light, Area Affected : 2%									
Location : Both Approaches									
Explanation : Vegetation Growth									

Note : 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**  
**Asset # : 13573**

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									
Curbs									
Concrete w/ Steel Face	98%			LIFE	**			A	
Concrete w/ Steel Face	2%	Now	\$2,300	LIFE	**			A	
Broken,Missing Pave, Extent : Light, Area Affected : 2%									
Location : Northwest Corner									
Embankment									
Earth	100%			LIFE	**			C	
Mat (scour & erosion)									
Earth	100%			LIFE	**			A	
Pavement Base									
Not Accessible	100%							D	
Sidewalks/Fascias									
Concrete	90%			LIFE	**			C	
Concrete	10%	2-4	\$9,200	LIFE	**			C	
Cracks, Extent : Light, Area Affected : 2%									
Location : Throughout									
Spalling, Extent : Moderate, Area Affected : 10%									
Location : Begin Approach									
Piers									
Cap Beam									
Concrete Encased Steel	100%			LIFE	**	5		A	
Pier,Columns									
Concrete Encased Steel	100%			LIFE	**	5		B	
Stem,Solid Pier									
Concrete	100%			LIFE	**			B	
Brngs,Ancr Blts,Pads									
Steel	100%	4+	\$28,100	LIFE	**	2-8	\$3,900	A	
Corrosion, Extent : Light, Area Affected : 2%									
Location : At Pier 3									
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%			LIFE	**			A	
Pedestals									
Concrete	100%			LIFE	**			B	
Piles									
Not Accessible	100%							D	
Deck Elements									
Curbs									
Concrete w/ Steel Face	100%			LIFE	**			A	
Median									
Concrete	100%			LIFE	**	5		A	
Other Observation, Extent : Light, Area Affected : 100%									
Location : At Span 4 Only									
Explanation : Concrete Median Curb									

Note : 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**  
**Asset # : 13573**

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								
Railings/Parapets								
Concrete	100%			2031	* *	4	\$9,000	A
Steel	100%			LIFE	* *	2-8	\$8,200	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : On Top Of Concrete Parapets								
Explanation : Steel Fence								
Sidewalks/Fascias								
Concrete	100%	4+	\$14,100	2027	* *	5	\$4,800	C
Cracks, Extent : Light, Area Affected : 2%								
Location : Throughout								
Wearing Surface								
Concrete	100%			2031	* *	5	\$53,100	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5		A
Joints								
Generic	100%	2-4	\$7,300	LIFE	* *			C
Broken/Missing Element, Extent : Moderate, Area Affected : 20%								
Location : At Middle Of Span								
Primary Member								
Concrete Encased Steel	100%			LIFE	* *	5		A
Steel	100%			LIFE	* *	2-8		A
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : 49TH AVE. BRIDGE  
**Address** : 49TH AVE.  
**Borough** : QUEENS  
**Program / Asset #** : DOT0167.000 / 13575  
**Area Sq Ft** : 20,200  
**Date of Survey** : 28-Oct-2010  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2247290  
**Agency's Number** : N/A  
**Yr Built/Renovated** :  
**Project Type** : HIGHWAY BRIDGES  
**Landmark Status** : NONE

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,586,100	\$1,072,700
<b>Total</b>	<b>\$1,586,100</b>	<b>\$1,072,700</b>
Priority A	\$998,400	
Priority B	\$365,400	\$121,700
Priority C	\$222,300	\$951,000
<b>Total</b>	<b>\$1,586,100</b>	<b>\$1,072,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$73,500	\$4,200	\$46,000	\$5,500
<b>Total</b>	<b>\$73,500</b>	<b>\$4,200</b>	<b>\$46,000</b>	<b>\$5,500</b>
Priority A	\$11,900	\$4,200	\$500	
Priority B	\$17,300		\$12,200	
Priority C	\$44,300		\$33,300	\$5,500
<b>Total</b>	<b>\$73,500</b>	<b>\$4,200</b>	<b>\$46,000</b>	<b>\$5,500</b>



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

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

*\*\* 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			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 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	100%	4+	\$128,700	LIFE	**			B	
Missing/Damaged Seal, Extent : Moderate, Area Affected : 30%									
Location : Random									
Mat (scour & erosion) Earth	100%			LIFE	**			B	
Stem (breastwall) Concrete	90%			LIFE	**			B	
Concrete	10%	4+	\$17,300	LIFE	**			B	
Cracks, Extent : Light, Area Affected : 50%									
Location : Both Abutments									
Efflorescence, Extent : Light, Area Affected : 5%									
Location : Random									
Wingwalls									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	**			C	
Piles Not Accessible	100%							D	
Walls Concrete	80%			LIFE	**			C	
Concrete	20%	4+	\$179,800	LIFE	**			C	
Cracks, Extent : Light, Area Affected : 20%									
Location : Random									
Spalling, Extent : Light, Area Affected : 5%									
Location : Northwest Wing Wall									
Approaches									
Pavement Asphalt	100%	4+	\$19,000	2023	\$951,000	4	\$12,500	C	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random									
Curbs Concrete w/ Steel Face	100%			LIFE	**			A	
Embankment Earth	100%			LIFE	**			C	
Guide Railing Steel	100%			LIFE	**	2-8	\$3,100	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**  
**49TH AVE. BRIDGE**  
**Asset # : 13575**

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								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	4+	\$42,500	LIFE	**			C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random At Isolated Locations							
Masonry	100%	4+	\$7,900	LIFE	**			C
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : Southwest.							
	Explanation : Vertical Crack In Fascia.							
Piers								
Pier,Columns								
Steel	20%	4+	\$78,000	LIFE	**	2-8	\$175,200	B
	Corrosion, Extent : Light, Area Affected : 2%							
	Location : Random Localized Area							
Steel	80%			LIFE	**	2-8	\$175,200	B
Stem,Solid Pier								
Concrete	80%			LIFE	**			B
Concrete	20%	4+	\$158,600	LIFE	**			B
	Cracks, Extent : Light, Area Affected : 20%							
	Location : Random							
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
Deck Elements								
Curbs								
Concrete w/ Steel Face	90%			LIFE	**			A
Concrete w/ Steel Face	10%	4+	\$600	LIFE	**			A
	Cracks, Extent : Light, Area Affected : 10%							
	Location : At East Joint							
	Spalling, Extent : Light, Area Affected : 10%							
	Location : At East Joint							
Railings/Parapets								
Concrete	100%			2031	**	4	\$12,600	A
Steel	100%			LIFE	**	2-8	\$11,500	A
Sidewalks/Fascias								
Concrete	80%			2027	**	5	\$11,100	C
Concrete	20%	4+	\$8,200	2027	**	5	\$5,500	C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : East And West 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**  
**49TH AVE. BRIDGE**  
**Asset # : 13575**

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								
Wearing Surface								
Concrete	90%			2031	* *	5	\$66,600	C
Concrete	10%	0-2	\$2,400	2031	* *	5	\$33,300	C
Spalling, Extent : Severe, Area Affected : 70%								
Location : Over East Pier								
Other Observation, Extent : Severe, Area Affected : 70%								
Location : Over East Pier								
Explanation : Large Steel Plates At Deck Joint								
Superstructure								
Deck,Structural								
Concrete	10%	4+	\$11,300	LIFE	* *	5		A
Spalling, Extent : Moderate, Area Affected : 70%								
Location : Over East Pier								
Concrete	90%			LIFE	* *	5		A
Joints								
Generic	100%	0-2	\$6,700	LIFE	* *			C
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								
Primary Member								
Steel	80%			LIFE	* *	2-8		A
Steel	20%	4+	\$998,400	LIFE	* *	2-8		A
Corrosion, Extent : Moderate, Area Affected : 5%								
Location : On Girder Flanges Near East Pier								
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : 4TH AVE. BRIDGE  
**Address** : FOURTH AVE.  
**Borough** : BROOKLYN  
**Program / Asset #** : DOT0168.000 / 13576  
**Area Sq Ft** : 19,400  
**Date of Survey** : 10-Nov-2010  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2243330  
**Agency's Number** : N/A  
**Yr Built/Renovated** : 1919 /  
**Project Type** : HIGHWAY BRIDGES  
**Landmark Status** : NONE

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure		\$235,400
<b>Total</b>		<b>\$235,400</b>
Priority C		\$235,400
<b>Total</b>		<b>\$235,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$78,500	\$5,100	\$400	
<b>Total</b>	<b>\$78,500</b>	<b>\$5,100</b>	<b>\$400</b>	
Priority A	\$6,200	\$4,300	\$400	
Priority C	\$72,300	\$800		
<b>Total</b>	<b>\$78,500</b>	<b>\$5,100</b>	<b>\$400</b>	



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

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

\*\* 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 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	
Mat (scour & erosion) Earth	100%			LIFE	* *			B	
Pedestals Concrete	100%			LIFE	* *			A	
Stem (breastwall) Concrete	100%			LIFE	* *			B	
Wingwalls									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	* *			C	
Piles Not Accessible	100%							D	
Walls Concrete	100%			LIFE	* *			C	
Approaches									
Pavement Asphalt	90%			2023	\$90,700	4	\$2,300	C	
Asphalt	10%	2-4	\$3,000	2023	\$10,100	4	\$1,500	C	
Cracks, Extent : Light, Area Affected : 10%									
Location : Both Approaches									
Curbs									
Concrete w/ Steel Face	100%	4+	\$6,200	LIFE	* *			A	
Settlement, Extent : Moderate, Area Affected : 20%									
Location : At Northeast Corner									
Embankment Earth	100%			LIFE	* *			C	
Guide Railing Concrete	100%			2031	* *	4	\$6,600	A	
Steel	100%			LIFE	* *	2-8	\$4,500	A	
Mat (scour & erosion) Earth	100%			LIFE	* *			A	
Pavement Base 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**  
**4TH AVE. BRIDGE**  
**Asset # : 13576**

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								
Sidewalks/Fascias								
Concrete	100%	4+	\$12,700	LIFE	**			C
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 2%							
	Location : Throughout							
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
Pier,Columns								
Concrete	100%			LIFE	**			B
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$2,400	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	100%			LIFE	**			B
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%			2031	**	4	\$6,500	A
Steel	100%			LIFE	**	2-8	\$5,900	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Steel Fence At Top Of Concrete Parapet							
Sidewalks/Fascias								
Concrete	100%	4+	\$29,700	2027	**	5	\$4,600	C
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Throughout							
Wearing Surface								
Asphalt	100%	4+	\$26,900	2023	\$134,600	5		C
	Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5		A
Joints								
Generic	100%			LIFE	**			C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**4TH AVE. BRIDGE**  
**Asset # : 13576**

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								
Concrete Encased Steel	100%			LIFE	* *	5		A
Steel	100%			LIFE	* *	2-8		A
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : 86TH ST. BRIDGE  
**Address** : 86TH ST.  
**Borough** : BROOKLYN  
**Program / Asset #** : DOT0171.000 / 13579  
**Area Sq Ft** : 18,200  
**Date of Survey** : 09-Nov-2010  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2243570  
**Agency's Number** : N/A  
**Yr Built/Renovated** : 1995 /  
**Project Type** : HIGHWAY BRIDGES  
**Landmark Status** : NONE

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$409,100	\$718,000
<b>Total</b>	<b>\$409,100</b>	<b>\$718,000</b>
Priority A	\$211,000	
Priority C	\$198,000	\$718,000
<b>Total</b>	<b>\$409,100</b>	<b>\$718,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$14,800	\$6,300	\$900	\$5,500
<b>Total</b>	<b>\$14,800</b>	<b>\$6,300</b>	<b>\$900</b>	<b>\$5,500</b>
Priority A		\$1,600	\$900	
Priority C	\$14,800	\$4,700		\$5,500
<b>Total</b>	<b>\$14,800</b>	<b>\$6,300</b>	<b>\$900</b>	<b>\$5,500</b>



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

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

*\*\* 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 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%	4+	\$86,300	LIFE	* *			C
			Cracks, Extent : Light, Area Affected : 2%					
			Location : Throughout					
			Efflorescence, Extent : Light, Area Affected : 2%					
			Location : Throughout					
Brngs,Ancr Blts,Pads Elastomeric	100%	4+	\$211,000	2042	* *			A
			Corrosion, Extent : Light, Area Affected : 10%					
			Location : At End Abutment					
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	* *			B
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Not Accessible	100%							D
			Other Observation, Extent : Light, Area Affected : 0%					
			Location :					
			Explanation : Behind Station Platform Wall					
Walls Concrete	100%			LIFE	* *			A
Wingwalls								
Footings Not Accessible	100%							D
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	* *			C
Approaches								
Pavement Asphalt	100%			2023	\$718,000	4	\$14,200	C
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Throughout					
			Explanation : Approaches Pavement Are 50 Percent Asphalt And 50 Percent Concrete					
Concrete	100%	4+	\$111,700	2031	* *	4	\$36,100	C
			Cracks, Extent : Light, Area Affected : 5%					
			Location : Throughout					
			Spalling, Extent : Light, Area Affected : 2%					
			Location : At Curb Line					
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : Throughout					
			Explanation : Approaches Pavement Are 50 Percent Concrete And 50 Percent Asphalt					

Note : 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 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Approaches									
Curbs									
Concrete w/ Steel Face	100%			LIFE	* *			A	
Embankment									
Earth	100%			LIFE	* *			C	
Guide Railing									
Steel	100%			LIFE	* *	2-8	\$36,200	A	
Other Observation, Extent : Light, Area Affected : 100%									
Location :									
Explanation : 54 Feet Of Guide Rail On Southwest Corner Only									
Mat (scour & erosion)									
Earth	100%			LIFE	* *			A	
Pavement Base									
Not Accessible	100%							D	
Sidewalks/Fascias									
Concrete	100%	4+	\$14,800	LIFE	* *			C	
Cracks, Extent : Light, Area Affected : 2%									
Location : Throughout									
Vegetation Growth, Extent : Light, Area Affected : 2%									
Location : Throughout									
Deck Elements									
Curbs									
Concrete w/ Steel Face	100%			LIFE	* *			A	
Mono Deck Surface									
Concrete	100%			2042	* *	5		C	
Cracks, Extent : Light, Area Affected : 2%									
Location : Throughout									
Railings/Parapets									
Concrete	100%			2031	* *	4	\$4,900	A	
Sidewalks/Fascias									
Concrete	100%			2027	* *	5	\$11,000	C	
Superstructure									
Deck,Structural									
Concrete	100%			LIFE	* *	5		A	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Underside Covered With Stay - In - Place Forms Except One Bay									
Primary Member									
Steel	100%			LIFE	* *	2-8		A	
Secondary Member									
Steel	100%			LIFE	* *	2-8		B	

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 04-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2066720

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,279,700	\$982,700
<b>Total</b>	<b>\$1,279,700</b>	<b>\$982,700</b>
Priority A	\$289,200	\$457,300
Priority B	\$220,100	\$398,400
Priority C	\$770,400	\$127,000
<b>Total</b>	<b>\$1,279,700</b>	<b>\$982,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$98,100	\$10,400	\$78,900	\$12,500
<b>Total</b>	<b>\$98,100</b>	<b>\$10,400</b>	<b>\$78,900</b>	<b>\$12,500</b>
Priority A	\$29,500	\$3,700	\$38,900	
Priority B	\$20,100		\$40,000	
Priority C	\$48,500	\$6,700		\$12,500
<b>Total</b>	<b>\$98,100</b>	<b>\$10,400</b>	<b>\$78,900</b>	<b>\$12,500</b>



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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**AMTRAK BRIDGE EAST 174TH ST/895IX**  
**Asset # : 2440**

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 Concrete	75%			LIFE		* *		A
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
Concrete	25%	4+	\$5,700	LIFE		* *		A
	Spalling, Extent : Light, Area Affected : 10%							
	Location :							
Backwall Concrete	100%	4+	\$26,200	LIFE		* *		C
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Begin Abutment							
Brngs,Ancr Blts,Pads Steel	100%			LIFE		* *		A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%	4+	\$20,100	LIFE		* *		B
	Loose Elements, Extent : Light, Area Affected : 20%							
	Location : Begin Abutment							
Mat (scour & erosion) Earth	100%			LIFE		* *		B
Stem (breastwall) Concrete	100%			LIFE		* *		B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE		* *		C
Piles Not Accessible	100%							D
Walls Concrete	75%			LIFE		* *		C
Concrete	25%	4+	\$526,400	LIFE		* *		C
	Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Random Locations At End Abutment							
	Efflorescence, Extent : Light, Area Affected : 10%							
	Location : Random Locations At End Abutment							
	Spalling, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations At End Abutment							
Stream Channel								
Bank Protection Riprap	100%			LIFE		* *		C
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : River Banks							
	Explanation : East Bank Has Riprap, West Bank Is Earth							
Mat (scour & erosion) Generic	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.

Maintenance \$ are aggregated over a ten-year period. Site 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 EAST 174TH ST/895IX**  
**Asset # : 2440**

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	80%			2023	\$48,100	4	\$1,200	C
Asphalt	20%	4+	\$3,600	2023	\$12,000	4	\$800	C
Cracks, Extent : Light, Area Affected : 50%								
Location : Random								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : End Approaches								
Explanation : Rutting								
Concrete	100%			2031	* *	4	\$18,900	C
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Rust Stains, Extent : Light, Area Affected : 50%								
Location : Both Abutments								
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Concrete	100%			2031	* *	4	\$4,200	A
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Concrete Guide Railing On End Approach								
Steel	100%			LIFE	* *	2-8	\$1,900	A
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Steel Wall Panel								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Piers								
Cap Beam								
Concrete	100%	4+	\$18,100	LIFE	* *			A
Cracks, Extent : Light, Area Affected : 2%								
Location : Throughout								
Pier,Columns								
Concrete	100%	4+	\$122,100	LIFE	* *			B
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Loss of Section, Extent : Light, Area Affected : 2%								
Location : Coping At Top Of Pier 3								
Steel	100%			LIFE	* *	2-8	\$69,900	B

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**AMTRAK BRIDGE EAST 174TH ST/895IX**  
**Asset # : 2440**

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
Piers								
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE	* *	2-8	\$4,900	A
Steel	50%	2-4	\$173,700	LIFE	* *	2-8	\$4,900	A
Corrosion, Extent : Moderate, Area Affected : 20%								
Location :								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Random								
Explanation : Frozen Elements								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								
Concrete	75%			LIFE	* *			B
Concrete	25%	2-4	\$98,000	LIFE	* *			B
Cracks, Extent : Moderate, Area Affected : 80%								
Location : Pier 5 And 6, Temporary Shoring At Pier 5								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Rust Stains, Extent : Light, Area Affected : 100%								
Location : Pier 5 And 6								
Guide Railing								
Steel	100%	4+	\$5,800	LIFE	* *			A
Loose Fastenings, Extent : Light, Area Affected : 2%								
Location : Midspan South Sidewalk								
Median								
Concrete	100%			LIFE	* *	5	\$13,800	A
Railings/Parapets								
Concrete	100%			2031	* *	4	\$6,800	A
Steel	100%			LIFE	* *	2-8	\$26,600	A
Sidewalks/Fascias								
Concrete	90%			2027	* *	5	\$25,000	C
Concrete	10%	4+	\$9,200	2027	* *	5	\$12,500	C
Cracks, Extent : Light, Area Affected : 25%								
Location : Random								
Wearing Surface								
Concrete	100%	4+	\$244,000	2031	* *	5	\$66,900	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : Asphalt Patching Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Throughout								

Superstructure

Note : 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**  
**AMTRAK BRIDGE EAST 174TH ST/895IX**  
**Asset # : 2440**

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								
Deck,Structural								
Concrete	90%			LIFE	* *	5	\$41,600	A
Concrete	10%	4+	\$115,600	LIFE	* *	5	\$41,600	A
Cracks, Extent : Light, Area Affected : 25%								
Location : Throughout, Concentrated At Piers 3 And 5								
Spalling, Extent : Light, Area Affected : 25%								
Location : Throughout, Concentrated At Piers 3 And 5								
Joints								
Generic	80%			LIFE	* *			C
Generic	20%	4+	\$9,500	LIFE	* *			C
Broken/Missing Element, Extent : Light, Area Affected : 5%								
Location : Throughout								
Loose Elements, Extent : Moderate, Area Affected : 0%								
Location : Begin Abutment								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$698,800	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$585,400	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$6,210,100	\$878,100
<b>Total</b>	<b>\$6,210,100</b>	<b>\$878,100</b>
Priority A	\$5,931,600	\$458,300
Priority B	\$229,200	\$229,200
Priority C	\$49,300	\$190,600
<b>Total</b>	<b>\$6,210,100</b>	<b>\$878,100</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$187,100		\$87,200	
<b>Total</b>	<b>\$187,100</b>		<b>\$87,200</b>	
Priority A	\$104,900		\$46,500	
Priority B	\$53,900		\$23,000	
Priority C	\$28,300		\$17,700	
<b>Total</b>	<b>\$187,100</b>		<b>\$87,200</b>	



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

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

\*\* 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 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									
Not Accessible	100%							D	
Footings									
Not Accessible	100%							D	
Joint with Deck									
Steel	100%	4+	\$12,200	LIFE		* *		B	
Misaligned/Bulging, Extent : Light, Area Affected : 30%									
Location : Joint Filler At East Abutment									
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	\$35,300	C
Concrete	50%	4+	\$27,300	2032		* *	4	\$35,300	C
Cracks, Extent : Light, Area Affected : 2%									
Location : Random									
Spalling, Extent : Light, Area Affected : 10%									
Location : At Beginning Abutment Joint									
Curbs									
Concrete	100%			LIFE		* *		A	
Concrete w/ Steel Face	100%			LIFE		* *		A	
Pavement Base									
Not Accessible	100%							D	
Sidewalks/Fascias									
Concrete	100%			LIFE		* *		C	
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	

Note : 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**  
**AMTRAK BRIDGE LEGGETT AVE/AMTRAK**  
**Asset # : 2480**

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
Piers								
Pedestals								
Not Accessible	100%							D
Deck Elements								
Guide Railing								
Concrete	5%	2-4	\$12,500	2036	* *			A
	Spalling, Extent : Moderate, Area Affected : 50%							
	Location : Corner Spall With Exposed Rebar At Northwest Corner Of Barrier							
Concrete	95%			2036	* *			A
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : South Outer Barrier							
	Explanation : Misaligned Tops							
Median								
Concrete	100%			LIFE	* *	5	\$12,600	A
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Where End Diagonals Meet Median							
Mono Deck Surface								
Concrete	100%			2043	* *	5	\$123,000	C
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$24,900	A
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Random							
Sidewalks/Fascias								
Concrete	100%			2028	* *	5	\$24,100	C
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random On North Side							
Wearing Surface								
Concrete	100%	4+	\$49,300	2032	* *	5	\$67,600	C
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Throughout							
	Explanation : Scaling Of Wearing Surface							
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Joints								
Generic	100%	4+	\$1,000	LIFE	* *			C
	Misaligned/Bulging, Extent : Light, Area Affected : 20%							
	Location : Joint Filler In Road And Sidewalk Over Pier							

Note : 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**  
**AMTRAK BRIDGE LEGGETT AVE/AMTRAK**  
**Asset # : 2480**

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	5%	4+	\$5,702,400	LIFE	* *	2-8	\$428,000	A
	Corrosion, Extent : Light, Area Affected : 2%							
	Location : Base Of End Diagonal Of Southwest Truss							
Steel	95%			LIFE	* *	2-8	\$733,700	A
Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : Did Not Access Underside Of Truss/deck							
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$629,400	B
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Throughout							
	Explanation : Impact Damage To Top Lateral Cross Frames							
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.



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 12-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243530

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$166,300	\$4,092,600
<b>Total</b>	<b>\$166,300</b>	<b>\$4,092,600</b>
Priority C	\$166,300	\$4,092,600
<b>Total</b>	<b>\$166,300</b>	<b>\$4,092,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$200		\$1,400	
<b>Total</b>	<b>\$200</b>		<b>\$1,400</b>	
Priority A	\$200		\$800	
Priority C			\$700	
<b>Total</b>	<b>\$200</b>		<b>\$1,400</b>	



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

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

\*\* 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		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 Concrete	100%			LIFE		* *		A	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Fascia								
	Explanation : Only Fascia Area; Other Areas Not Accessible								
Backwall Concrete	100%			LIFE		* *		C	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Fascia								
	Explanation : Only Fascia Area; Other Areas Not Accessible								
Brngs,Ancr Blts,Pads Steel	100%			LIFE		* *		A	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Fascia								
	Explanation : Only Fascia Area; Other Areas Not Accessible								
Footings Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE		* *		B	
Pedestals Concrete	100%			LIFE		* *		A	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Fascia								
	Explanation : Only Fascia Area; Other Areas Not Accessible								
Stem (breastwall) Concrete	100%			LIFE		* *		B	
Wingwalls									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Riprap	100%			LIFE		* *		C	
Piles Not Accessible	100%							D	
Walls Concrete	100%			LIFE		* *		C	
Approaches									
Pavement Asphalt	100%	4+	\$81,100	2022	\$4,054,600	4	\$9,900	C	
	Cracks, Extent : Light, Area Affected : 2%								
	Location : Random Isolated Locations								
Concrete	100%	4+	\$47,900	2030		* *	4	\$143,600	C
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Both Approaches								
	Explanation : 50% Concrete And 50% Asphalt								
Curbs 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.

Maintenance \$ are aggregated over a ten-year period. Site 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		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Embankment								
Earth	100%			LIFE	* *			C
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			A
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Cracks, Extent : Light, Area Affected : 10%								
Location : West Sidewalk								
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			A
Pier,Columns								
Concrete	100%			LIFE	* *			B
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	\$11,600	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fascia								
Explanation : Only Fascia Area; Other Areas Not Accessible								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								
Concrete	100%			LIFE	* *			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fascia								
Explanation : Only Fascia Area; Other Areas Not Accessible								
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Railings/Parapets								
Concrete	100%			2030	* *	4	\$500	A
Steel	100%			LIFE	* *	2-8	\$7,500	A
Sidewalks/Fascias								
Concrete	100%			2026	* *	5	\$1,300	C
Cracks, Extent : Light, Area Affected : 5%								
Location : West Sidewalk								
Wearing Surface								
Concrete	100%	4+	\$37,400	2030	* *	5	\$38,000	C
Cracks, Extent : Moderate, Area Affected : 50%								
Location : 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**  
**AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE**  
**Asset # : 13519**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural Concrete	100%			LIFE	* *	5		A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Underside</i>							
	<i>Explanation : Underside Not Accessible</i>							
Primary Member								
Steel	100%			LIFE	* *	2-8		A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Fascia</i>							
	<i>Explanation : Only Fascia Area; Other Areas Not Accessible</i>							
Secondary Member								
Steel	100%			LIFE	* *	2-8		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Fascia</i>							
	<i>Explanation : Only Fascia Area; Other Areas Not Accessible</i>							

*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$38,255,600	\$1,213,100
<b>Total</b>	<b>\$38,255,600</b>	<b>\$1,213,100</b>
Priority A	\$13,108,400	\$630,300
Priority B	\$35,400	
Priority C	\$25,111,900	\$582,800
<b>Total</b>	<b>\$38,255,600</b>	<b>\$1,213,100</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$100		\$100,300	
<b>Total</b>	<b>\$100</b>		<b>\$100,300</b>	
Priority A			\$72,800	
Priority C	\$100		\$27,500	
<b>Total</b>	<b>\$100</b>		<b>\$100,300</b>	



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

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

\*\* 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 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
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	**			B
Walls								
Concrete	90%			LIFE	**			A
Concrete	10%	4+	\$12,081,900	LIFE	**			A
Broken/Missing Element, Extent : Severe, Area Affected : 85%								
Location : Random								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	**			C
Piles								
Not Accessible	100%							D
Walls								
Concrete	70%			LIFE	**			C
Concrete	30%	4+	\$24,645,900	LIFE	**			C
Broken/Missing Element, Extent : Severe, Area Affected : 45%								
Location : Random								
Cracks, Extent : Light, Area Affected : 10%								
Location : End Of Left Wingwall								
Delaminations, Extent : Light, Area Affected : 10%								
Location : End Left Wingwall								
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location : Random								
Approaches								
Pavement								
Asphalt	90%			2024	**	4	\$54,900	C
Asphalt	10%	4+	\$104,900	2024	**	4	\$54,900	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Curbs								
Concrete	100%			LIFE	**			A
Concrete w/ Steel Face	100%			LIFE	**			A
Pavement Base								
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**  
**BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE**  
**Asset # : 2511**

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								
Sidewalks/Fascias								
Concrete	95%			LIFE	**			C
Concrete	5%	4+	\$100	LIFE	**			C
Cracks, Extent : Light, Area Affected : 5%								
Location : End Approach								
Settlement, Extent : Light, Area Affected : 5%								
Location : End Approach								
Piers								
Stem,Solid Pier								
Concrete	95%			LIFE	**			B
Concrete	5%	4+	\$35,400	LIFE	**			B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random								
Explanation : Broken/Missing Element								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	**			A
Deck Elements								
Curbs								
Concrete	100%			2043	**			A
Concrete w/ Steel Face	100%			LIFE	**			A
Granite	100%			LIFE	**			A
Median								
Concrete	100%			LIFE	**	5		A
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 75%								
Location : Random								
Explanation : Battery Park (pavers, Grass, Asphalt Areas)								
Steel Grating	100%			LIFE	**	4-8		A
Railings/Parapets								
Concrete	95%			2032	**	4	\$136,700	A
Concrete	5%	2-4	\$137,800	2032	**	4	\$136,700	A
Cracks, Extent : Light, Area Affected : 10%								
Location : Collision Impact At North End								
Damaged Railing, Extent : Light, Area Affected : 5%								
Location : Collision Impact At North End								
Other Observation, Extent : Light, Area Affected : 5%								
Location : North End								
Explanation : Cap Stone Is Separated From The Concrete Parapet Wall								
Steel	100%	4+	\$78,000	LIFE	**	2-8	\$125,200	A
Damaged Railing, Extent : Light, Area Affected : 2%								
Location : North End								

Note : 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**  
**BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE**  
**Asset # : 2511**

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								
Sidewalks/Fascias								
Concrete	100%			2028	* *	5	\$88,400	C
Granite Paver	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Fascia								
Explanation : Pavers At North Fascia								
Wearing Surface								
Asphalt	90%			2024	* *	5	\$494,400	C
Asphalt	10%	4+	\$113,900	2024	* *	5	\$247,200	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random								
Superstructure								
Primary Member								
Concrete	90%			LIFE	* *	5	\$589,200	A
Concrete	10%	4+	\$516,100	LIFE	* *	5	\$294,600	A
Broken/Missing Element, Extent : Light, Area Affected : 10%								
Location : 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.



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 04-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243020

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$14,284,900	\$1,760,900
<b>Total</b>	<b>\$14,284,900</b>	<b>\$1,760,900</b>
Priority A	\$5,265,900	\$410,100
Priority B	\$8,951,600	
Priority C	\$67,400	\$1,350,800
<b>Total</b>	<b>\$14,284,900</b>	<b>\$1,760,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$56,500			\$2,000
<b>Total</b>	<b>\$56,500</b>			<b>\$2,000</b>
Priority C	\$56,500			\$2,000
<b>Total</b>	<b>\$56,500</b>			<b>\$2,000</b>



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

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

\*\* 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 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
Mat (scour & erosion)								
Earth	100%			LIFE	* *			B
Stem (breastwall)								
Concrete	100%	4+	\$5,961,600	LIFE	* *			B
	Efflorescence, Extent : Light, Area Affected : 20%							
	Location : Random							
	Rust Stains, Extent : Light, Area Affected : 10%							
	Location : Throughout Concentrated At The Top Of Wall And At Joints							
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Random							
	Explanation : Hollow Sounding Concrete Wall Areas							
Tile	100%			LIFE	* *			B
	Rust Stains, Extent : Light, Area Affected : 2%							
	Location : At Vertical Joints							
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Ceramic Tiles Obscure View Of Structural Wall							
	Explanation : Throughout							
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			C
Walls								
Concrete	100%			LIFE	* *			C
Approaches								
Pavement								
Asphalt	100%	4+	\$67,400	2023	\$674,300	4	\$10,200	C
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Both Approaches							
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : Beginning Approach							
	Explanation : Rutting, Uneven Pavement							
Curbs								
Concrete	100%			LIFE	* *			A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Approach Curbs Are 50 Percent Concrete And 50 Percent Concrete With Steel Face							
Concrete w/ Steel Face	100%			LIFE	* *			A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Approach Curbs Are 50 Percent Concrete With Steel Face And 50 Percent Concrete							
Pavement Base								
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**  
**BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY**  
**Asset # : 2489**

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								
Sidewalks/Fascias								
Concrete	100%	4+	\$14,600	LIFE	**			C
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Throughout							
Piers								
Pier,Columns								
Concrete	100%	4+	\$46,700	LIFE	**			B
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Throughout							
Stem,Solid Pier								
Concrete	50%			LIFE	**			B
Concrete	50%	2-4	\$2,943,300	LIFE	**			B
	Cracks, Extent : Light, Area Affected : 15%							
	Location : Random							
	Delaminations, Extent : Light, Area Affected : 15%							
	Location : Random							
	Spalling, Extent : Light, Area Affected : 15%							
	Location : Random							
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Deck Elements								
Curbs								
Concrete	100%			2042	**			A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Deck Elements Curbs Are 50 Percent Concrete And 50 Percent Concrete With Steel Face							
Concrete w/ Steel Face	100%			LIFE	**			A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Deck Elements Curbs Are 50 Percent Concrete With Steel Face And 50 Percent Concrete							
Sidewalks/Fascias								
Asphalt	100%	4+	\$1,300	2020	\$67,300	4	\$14,700	C
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Plaza Entrance To Station Building							
Concrete	60%			2027	**	5	\$3,900	C
Concrete	40%	4+	\$10,100	2027	**	5	\$2,000	C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : 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**  
**BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY**  
**Asset # : 2489**

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								
Wearing Surface								
Asphalt	100%	4+	\$30,500	2023	\$609,200	5	\$25,400	C
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Throughout							
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : Inside Station Building							
	Explanation : Floor Of Station Building Is Tiled							
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	* *	5		A
Concrete	5%	2-4	\$355,900	LIFE	* *	5		A
	Cracks, Extent : Severe, Area Affected : 100%							
	Location : Random							
	Efflorescence, Extent : Severe, Area Affected : 100%							
	Location : Random							
	Exposed Reinforcement, Extent : Severe, Area Affected : 100%							
	Location : Random							
	Spalling, Extent : Severe, Area Affected : 100%							
	Location : Random							
Primary Member								
Concrete	40%			LIFE	* *	5	\$205,100	A
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random							
	Delaminations, Extent : Light, Area Affected : 20%							
	Location :							
	Spalling, Extent : Light, Area Affected : 20%							
	Location :							
Concrete	60%	2-4	\$4,910,000	LIFE	* *	5	\$205,100	A
	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : 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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :  
**Area Sq Ft** : 24,591 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 24-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2229560

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,131,500	\$672,500
<b>Total</b>	<b>\$1,131,500</b>	<b>\$672,500</b>
Priority A	\$906,900	
Priority B	\$47,800	
Priority C	\$176,700	\$672,500
<b>Total</b>	<b>\$1,131,500</b>	<b>\$672,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$106,200		\$600	
<b>Total</b>	<b>\$106,200</b>		<b>\$600</b>	
Priority A	\$33,900		\$600	
Priority C	\$72,300			
<b>Total</b>	<b>\$106,200</b>		<b>\$600</b>	



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

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

\*\* 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 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$32,300	LIFE	* *			A
Spalling, Extent : Moderate, Area Affected : 100% Location : Bridge Seat Around Bearing Area								
Backwall Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads Steel	100%			LIFE	* *			A
Footings Not Accessible	100%							D
Joint with Deck Steel	100%			LIFE	* *			B
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Stem (breastwall) Concrete	100%	4+	\$47,800	LIFE	* *			B
Efflorescence, Extent : Light, Area Affected : 5% Location : Random								
Walls Concrete	100%			LIFE	* *			A
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Concrete	20%	4+	\$34,600	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 20% Location : Begin Wingwall Efflorescence, Extent : Light, Area Affected : 20% Location : Begin Wingwall								
Concrete	80%			LIFE	* *			C

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**  
**BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N**  
**Asset # : 13515**

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	100%	4+	\$124,000	2022	\$619,800	4	\$12,200	C
	Cracks, Extent : Moderate, Area Affected : 30%							
	Location : Throughout							
	Settlement, Extent : Light, Area Affected : 10%							
	Location : At East Approach							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : Total Pavement Area Consist Of 50% Asphalt And 50% Concrete							
Concrete	100%	4+	\$19,300	2030	* *	4	\$46,700	C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : At Both Approaches							
	Spalling, Extent : Light, Area Affected : 1%							
	Location : At Both Approaches							
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Concrete	100%			2030	* *	4	\$1,400	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : Total Guide Railing Consist Of 20% Concrete, 30% Steel And 50% Timber							
Steel	100%			LIFE	* *	2-8	\$1,400	A
Timber	100%	4+	\$700	2022	\$34,200	4		A
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Random Throughout Timber Rail							
	Explanation : Minor Horizontal Checks							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks/Fascias								
Concrete	100%	4+	\$8,700	LIFE	* *			C
	Cracks, Extent : Light, Area Affected : 1%							
	Location : Random							
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			A
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	\$6,200	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								
Concrete	100%			LIFE	* *			B

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

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

\*\* 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 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers								
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete	100%	4+	\$85,500	2051	* *			A
Exposed Reinforcement, Extent : Severe, Area Affected : 60%								
Location : South Face Of South Roadway Barrier Curb								
Spalling, Extent : Severe, Area Affected : 50%								
Location : South Face Of South Barrier Curb								
Other Observation, Extent : Light, Area Affected : 1%								
Location : North And South Curbs								
Explanation : North Curb Is Concrete With Steel Face.south Curb Is A Roadway Barrier Curb								
Railings/Parapets								
Concrete	100%			2030	* *	4	\$1,400	A
Steel	100%			LIFE	* *	2-8	\$7,800	A
Sidewalks/Fascias								
Concrete	100%	4+	\$9,700	2026	* *	5	\$4,900	C
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations								
Wearing Surface								
Concrete	100%			2030	* *	5	\$105,600	C
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Primary Member								
Steel	100%	4+	\$821,400	LIFE	* *	2-8		A
Other Observation, Extent : Light, Area Affected : 20%								
Location : All Of Framing								
Explanation : Fascia Girder Exhibits Corrosion On Bottom Flange, As Viewed From Behind Railroad Fencing.								
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$2,020,900	\$592,100
<b>Total</b>	<b>\$2,020,900</b>	<b>\$592,100</b>
Priority A	\$1,333,100	\$59,300
Priority B	\$358,900	\$532,800
Priority C	\$328,800	
<b>Total</b>	<b>\$2,020,900</b>	<b>\$592,100</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$274,900		\$56,200	
<b>Total</b>	<b>\$274,900</b>		<b>\$56,200</b>	
Priority A	\$35,500		\$1,400	
Priority B	\$226,200		\$53,400	
Priority C	\$13,300		\$1,300	
<b>Total</b>	<b>\$274,900</b>		<b>\$56,200</b>	



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

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

*\*\* 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 Replacement		Maintenance		
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	* *			C
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+	\$2,600	LIFE	* *			B
Spalling, Extent : Light, Area Affected : 2%								
Location : Pothole At Northwest End Of Tunnel								
Stem (breastwall)								
Brick	100%			LIFE	* *			B
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%	4+	\$7,300	LIFE	* *			C
Spalling, Extent : Light, Area Affected : 10%								
Location : Small Random Potholes								
Piles								
Not Accessible	100%							D
Walls								
Brick	100%			LIFE	* *			C
Concrete	100%	4+	\$328,800	LIFE	* *			C
Broken/Missing Element, Extent : Light, Area Affected : 10%								
Location : Joint Filler At Southwest Wingwall Joint								
Cracks, Extent : Light, Area Affected : 2%								
Location : Northwest Wingwall								
Spalling, Extent : Light, Area Affected : 2%								
Location : Southwest Wingwall								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random								
Explanation : Minor Peeling Paint								
Approaches								
Pavement								
Asphalt	100%			2024	* *	4	\$2,600	C
Curbs								
Concrete	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST**  
**Asset # : 2508**

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								
Guide Railing								
Concrete	100%			2032	* *	4		A
Steel	100%	4+	\$4,100	LIFE	* *	2-8	\$21,000	A
Broken/Missing Element, Extent : Light, Area Affected : 2%								
Location : Northern Approach								
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random								
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : At Cracks								
Piers								
Cap Beam								
Concrete Encased Steel	100%			LIFE	* *	5		A
Pier,Columns								
Steel	100%			LIFE	* *	2-8	\$1,257,100	B
Corrosion, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : At Span 1								
Explanation : Impact Damage								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			A
Deck Elements								
Curbs								
Concrete	100%			2043	* *			A
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : At Joints								
Gratings								
Steel	100%			LIFE	* *			A
Guide Railing								
Concrete	100%			2036	* *			A
Other Observation, Extent : Light, Area Affected : 30%								
Location : Throughout								
Explanation : Peeling Paint								
Steel	100%	4+	\$1,700	LIFE	* *			A
Broken/Missing Element, Extent : Light, Area Affected : 5%								
Location : Broken Support At Southwest Side								

Note : 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**  
**BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST**  
**Asset # : 2508**

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								
Railings/Parapets Concrete	100%			2032	* *	4	\$1,700	A
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random								
Explanation : Minor Scaling And Peeling Paint								
Sidewalks/Fascias Concrete	100%			2028	* *	5	\$700	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Wearing Surface Asphalt	100%	4+	\$5,900	2024	* *	5		C
Cracks, Extent : Light, Area Affected : 5%								
Location : Transverse Cracks								
Superstructure								
Deck,Structural Concrete	40%			LIFE	* *	5	\$59,300	A
Concrete	60%	2-4	\$852,900	LIFE	* *	5	\$29,600	A
Cracks, Extent : Light, Area Affected : 20%								
Location : On Underside Of Deck								
Spalling, Extent : Light, Area Affected : 20%								
Location : On Underside Of Deck								
Joints								
Not Accessible	100%							D
Primary Member								
Concrete Encased Steel	100%	4+	\$480,200	LIFE	* *	5		A
Other Observation, Extent : Light, Area Affected : 80%								
Location : Random								
Explanation : Peeling Paint								
Secondary Member								
Steel	100%	4+	\$92,500	LIFE	* *	2-8	\$416,900	B
Other Observation, Extent : Light, Area Affected : 30%								
Location : Random								
Explanation : Paint Peeling								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 01-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231380

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$836,500	\$2,310,900
<b>Total</b>	<b>\$836,500</b>	<b>\$2,310,900</b>
Priority C	\$836,500	\$2,310,900
<b>Total</b>	<b>\$836,500</b>	<b>\$2,310,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$36,200	\$21,500	\$1,400	\$3,900
<b>Total</b>	<b>\$36,200</b>	<b>\$21,500</b>	<b>\$1,400</b>	<b>\$3,900</b>
Priority A		\$21,500	\$1,400	
Priority B	\$7,500			
Priority C	\$28,800			\$3,900
<b>Total</b>	<b>\$36,200</b>	<b>\$21,500</b>	<b>\$1,400</b>	<b>\$3,900</b>



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

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

\*\* 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			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 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	100%	4+	\$7,500	LIFE	**			B	
	Missing/Damaged Seal, Extent : Light, Area Affected : 15% Location : Random								
Mat (scour & erosion) Earth	100%			LIFE	**			B	
Pedestals Concrete	100%			LIFE	**			A	
Stem (breastwall) Concrete	100%			LIFE	**			B	
Masonry	100%			LIFE	**			B	
Wingwalls									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	**			C	
Piles Not Accessible	100%							D	
Walls Concrete	100%	4+	\$790,300	LIFE	**			C	
	Cracks, Extent : Light, Area Affected : 10% Location : Random Spalling, Extent : Light, Area Affected : 5% Location : Localized								
Masonry: Stone	100%			LIFE	**			C	
Approaches									
Pavement Asphalt	100%	4+	\$46,200	2023	\$2,310,900	4	\$34,900	C	
	Cracks, Extent : Light, Area Affected : 15% Location : Random								
Concrete	100%	4+	\$8,000	2031	**	4	\$14,800	C	
	Cracks, Extent : Light, Area Affected : 15% Location : Random Spalling, Extent : Light, Area Affected : 5% Location : Random								
Curbs 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.

Maintenance \$ are aggregated over a ten-year period. Site 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		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Embankment Earth	100%			LIFE	**			C
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : One Side North Approach								
Guide Railing Concrete	100%			2031	**	4	\$53,300	A
Steel	100%			LIFE	**	2-8	\$36,200	A
Mat (scour & erosion) Earth	100%			LIFE	**			A
Pavement Base Not Accessible	100%							D
Sidewalks/Fascias Concrete	100%			LIFE	**			C
Piers								
Cap Beam Steel	100%			LIFE	**	2-8		A
Pier,Columns Concrete	100%			LIFE	**			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : On Concrete Pier Columns								
Explanation : Stone Facing								
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$1,100	A
Other Observation, Extent : Light, Area Affected : 33%								
Location : Piers 1, 2 and 3.								
Explanation : Steel Bearing Assembly ( Fixed Brg.) At Pier 2. Elastomeric Bearings ( Expansion Brg.) At Piers 1 And 3.								
Not Accessible	100%							D
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	**			A
Pedestals Steel	100%			LIFE	**			B
Piles Not Accessible	100%							D
Deck Elements								
Curbs Concrete w/ Steel Face	100%			LIFE	**			A
Median Concrete	100%			LIFE	**	5		A
Mono Deck Surface Concrete	100%			2048	**	5		C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**CONEY ISLAND AVE. BRIDGE**  
**Asset # : 13577**

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								
Railings/Parapets								
Concrete	100%			2031	* *	4	\$11,300	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : Concrete Parapet With Steel Fence On Top							
Steel	100%			LIFE	* *	2-8	\$10,400	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : Concrete Parapet With Steel Fence On Top							
Sidewalks/Fascias								
Concrete	100%			2027	* *	5	\$7,800	C
Wearing Surface								
Concrete	100%	4+	\$20,800	2031	* *	5	\$32,700	C
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Over Piers							
	Spalling, Extent : Light, Area Affected : 1%							
	Location : Localized							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5		A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout Except Underdeck Bay Along Centerline Of Bridge							
	Explanation : Underdeck Steel Deck Form							
Primary Member								
Steel	100%			LIFE	* *	2-8		A
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 15-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241110

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$55,400	\$1,834,500
<b>Total</b>	<b>\$55,400</b>	<b>\$1,834,500</b>
Priority A		\$303,500
Priority B		\$303,500
Priority C	\$55,400	\$1,227,500
<b>Total</b>	<b>\$55,400</b>	<b>\$1,834,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$67,800	\$6,700	\$61,600	
<b>Total</b>	<b>\$67,800</b>	<b>\$6,700</b>	<b>\$61,600</b>	
Priority A		\$6,700	\$31,100	
Priority B	\$12,400		\$30,400	
Priority C	\$55,400			
<b>Total</b>	<b>\$67,800</b>	<b>\$6,700</b>	<b>\$61,600</b>	



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

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

*\*\* 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 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 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%	4+	\$12,400	LIFE	* *			B
	Missing/Damaged Seal, Extent : Light, Area Affected : 15% Location : Random							
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Masonry	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Piles Not Accessible	100%							D
Walls Masonry	100%			LIFE	* *			C
Approaches								
Pavement Asphalt	100%	4+	\$23,400	2023	\$1,172,100	4	\$15,400	C
	Cracks, Extent : Light, Area Affected : 10% Location : Random							
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
Guide Railing Concrete	100%			2035	* *	4	\$9,500	A
Pavement Base Not Accessible	100%							D
Sidewalks/Fascias Concrete	100%			LIFE	* *			C
Piers								
Cap Beam Concrete	100%			LIFE	* *			A
Pier,Columns Concrete	100%			LIFE	* *			B
Stem,Solid Pier Masonry	100%			LIFE	* *			B
Brngs,Ancr Blts,Pads Steel	100%			LIFE	* *	2-8	\$8,400	A

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS**  
**Asset # : 2661**

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
Piers								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								
Concrete	100%			LIFE	* *			B
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Railings/Parapets								
Concrete	100%			2031	* *	4	\$10,500	A
Steel	100%			LIFE	* *	2-8	\$9,600	A
Sidewalks/Fascias								
Concrete	100%	4+	\$32,000	2027	* *	5	\$10,800	C
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Left Side- Span 1								
Wearing Surface								
Concrete	100%			2031	* *	5	\$110,800	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$33,800	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Everywhere								
Explanation : Stay In Place Forms - Good Condition								
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Steel	100%			LIFE	* *	2-8	\$566,900	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$474,900	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 03-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2248039

**CAPITAL****Total**

Priority

**Total**

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$61,900	\$15,000	\$100	
<b>Total</b>	<b>\$61,900</b>	<b>\$15,000</b>	<b>\$100</b>	
Priority A	\$26,000		\$100	
Priority B	\$15,500			
Priority C	\$20,300	\$15,000		
<b>Total</b>	<b>\$61,900</b>	<b>\$15,000</b>	<b>\$100</b>	



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

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

\*\* 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 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 Concrete	100%			LIFE	* *			A
Backwall Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads Elastomeric	100%			2048	* *			A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%	4+	\$15,500	LIFE	* *			B
Missing/Damaged Seal, Extent : Light, Area Affected : 5% Location : Random								
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Other Observation, Extent : Light, Area Affected : 100% Location : Begin And End Abutments Explanation : Area In Front Abutments Paved (south Conduit Avenue)								
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 100% Location : Adjacent To All Wingwalls Explanation : Minor Vegetation Growth								
Piles Not Accessible	100%							D
Walls Brick Veneer	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 100% Location : All Wingwalls Explanation : Visual Appears That Wingwalls Are Concrete With Cut Stone Masonry Facing (veneer)								
Approaches								
Pavement Asphalt	100%	4+	\$20,300	2026	* *	4	\$17,300	C
Cracks, Extent : Light, Area Affected : 2% Location : Random								
Concrete	100%			2035	* *	4	\$38,600	C
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment Earth	100%			LIFE	* *			C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROSS BAY BLVD. BRIDGE CONDUIT BLVD**  
**Asset # : 13568**

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								
Guide Railing								
Steel	100%	4+	\$14,300	LIFE	* *	2-8	\$4,800	A
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Begin Approach Right Side								
Explanation : Guide Rail Has Vehicular Impact Damage								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 2%								
Location : Begin Approach Left Fascia/ Sidewalk								
Explanation : Hairline Crack In Sidewalk Propagated To Left Fascia Thru-crack In Left Fascia Parapet								
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			A
Pier,Columns								
Concrete	100%			LIFE	* *			B
Other Observation, Extent : Light, Area Affected : 20%								
Location : Fascia Columns								
Explanation : Fascia Columns Are Concrete With Cut Stone Masonry Facing (veneer)								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2048	* *			A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Side Of Pier								
Explanation : Area Adjacent To Pier Is Paved (south Conduit Avenue)								
Pedestals								
Concrete	100%			LIFE	* *			B
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Median								
Concrete	100%			LIFE	* *	5		A
Mono Deck Surface								
Concrete	100%			2048	* *	5		C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROSS BAY BLVD. BRIDGE CONDUIT BLVD**  
**Asset # : 13568**

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								
Railings/Parapets Concrete	100%	4+	\$11,800	2035	* *	4	\$6,300	A
Spalling, Extent : Light, Area Affected : 1% Location : Both Fascias At East Abutment Other Observation, Extent : Light, Area Affected : 100% Location : Both Parapets Explanation : Vertical Face Concrete Parapet With Steel Chainlink Protective Screening Mounted On Top Of Parapet								
Sidewalks/Fascias Concrete	100%			2030	* *	5	\$4,200	C
Cracks, Extent : Light, Area Affected : 15% Location : North And South Sidewalks And Fascias								
Wearing Surface Concrete	100%			2031	* *	5		C
Cracks, Extent : Light, Area Affected : 20% Location : Throughout Entire Deck								
Superstructure								
Deck,Structural Concrete	100%			LIFE	* *	5		A
Other Observation, Extent : Light, Area Affected : 100% Location : Entire Deck Explanation : Concrete Deck With Stay - In - Place Metal Forms								
Primary Member Steel	100%			LIFE	* *	2-8		A
Secondary Member Steel	100%			LIFE	* *	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 12-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231559

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$319,200	\$5,219,400
<b>Total</b>	<b>\$319,200</b>	<b>\$5,219,400</b>
Priority B	\$97,600	
Priority C	\$221,600	\$5,219,400
<b>Total</b>	<b>\$319,200</b>	<b>\$5,219,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$72,100		\$2,000	
<b>Total</b>	<b>\$72,100</b>		<b>\$2,000</b>	
Priority A			\$2,000	
Priority B	\$30,900			
Priority C	\$41,200			
<b>Total</b>	<b>\$72,100</b>		<b>\$2,000</b>	



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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY**  
**Asset # : 13516**

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 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%	4+	\$27,900	LIFE	* *			B	
Missing/Damaged Seal, Extent : Moderate, Area Affected : 25%									
Location : Both Abutments									
Mat (scour & erosion) Earth	100%			LIFE	* *			B	
Other Observation, Extent : Light, Area Affected : 5%									
Location : Both Abutments									
Explanation : Earth On Side And Pave Stone On A Slope Underneath Abutment									
Pedestals Concrete	100%			LIFE	* *			A	
Stem (breastwall) Concrete	100%	4+	\$60,500	LIFE	* *			B	
Exposed Reinforcement, Extent : Light, Area Affected : 5%									
Location : End Abutment									
Explanation : Exposed Rebars									
Spalling, Extent : Light, Area Affected : 5%									
Location : End Abutment									
Wingwalls									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	* *			C	
Piles Not Accessible	100%							D	
Walls Masonry: Stone	100%	4+	\$7,700	LIFE	* *			C	
Other Observation, Extent : Moderate, Area Affected : 20%									
Location : Begin Right Wingwall									
Explanation : Missing Pointing And Efflorescence									
Approaches									
Pavement Asphalt	100%	2-4	\$102,200	2022	\$5,107,800	4	\$107,400	C	
Cracks, Extent : Moderate, Area Affected : 30%									
Location : All Traffic Lanes									
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : On Surface									
Explanation : Pavement Area Consist Of 80% Asphalt And 20 % Concrete.									
Concrete	100%			2030	* *	4	\$43,200	C	

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY**  
**Asset # : 13516**

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								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Steel	100%			LIFE	**	2-8	\$47,200	A
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks/Fascias								
Concrete	100%	4+	\$13,700	LIFE	**			C
Cracks, Extent : Light, Area Affected : 1%								
Location : Isolated Location								
Piers								
Pier,Columns								
Concrete	100%	4+	\$37,100	LIFE	**			B
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Pier								
Explanation : Pier Column Is 65% Concrete And 35% Stone Masonry								
Masonry	100%	4+	\$3,000	LIFE	**			B
Joints Missing, Extent : Moderate, Area Affected : 100%								
Location : Random Loose Mortar Joints								
Explanation : Loose Mortar Joints								
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Pier								
Explanation : Pier Column Is 65% Concrete And 35% Stone Masonry								
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Pier								
Explanation : Barrier Wall As Stem Solid Pier								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$13,500	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Pier								
Explanation : Paved Roadway								
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
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.

Maintenance \$ are aggregated over a ten-year period. Site 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 BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY**  
**Asset # : 13516**

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								
Median								
Concrete	100%			LIFE	**	5		A
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : At Deck Elements Median								
Explanation : Concrete Island Median								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$6,100	A
Sidewalks/Fascias								
Concrete	100%	4+	\$5,500	2026	**	5	\$3,000	C
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Isolated Location								
Wearing Surface								
Concrete	5%	Now	\$63,700	2036	**	5	\$55,800	C
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Both Lanes								
Concrete	95%			2030	**	5	\$111,600	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stay In Place Forms Used Under Deck								
Primary Member								
Steel	100%			LIFE	**	2-8		A
Secondary Member								
Steel	100%			LIFE	**	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 21-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2076640

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$415,300	\$1,088,300
<b>Total</b>	<b>\$415,300</b>	<b>\$1,088,300</b>
Priority A	\$93,500	\$242,900
Priority B	\$180,800	\$489,000
Priority C	\$141,000	\$356,400
<b>Total</b>	<b>\$415,300</b>	<b>\$1,088,300</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$137,300		\$85,600	
<b>Total</b>	<b>\$137,300</b>		<b>\$85,600</b>	
Priority A	\$25,300		\$31,900	
Priority B	\$51,000		\$50,300	
Priority C	\$61,000		\$3,400	
<b>Total</b>	<b>\$137,300</b>		<b>\$85,600</b>	



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

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

\*\* 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		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								
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+	\$3,900	LIFE		* *		B
Broken/Missing Element, Extent : Moderate, Area Affected : 50%								
Location : Both Abutments								
Mat (scour & erosion)								
Earth	95%			LIFE		* *		B
Earth	5%	4+	\$500	LIFE		* *		B
Erosion, Extent : Moderate, Area Affected : 15%								
Location : Begin Abutment Left Side								
Settlement, Extent : Severe, Area Affected : 50%								
Location : Left Side Of Begin Abutment								
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Concrete	100%			LIFE		* *		B
Walls								
Concrete	100%			LIFE		* *		A
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%	4+	\$12,500	LIFE		* *		C
Other Observation, Extent : Light, Area Affected : 20%								
Location : Left Wingwall Begin Abutment								
Explanation : 15 Ft Section Of Steel Sheeting Has 100% Section Loss At Top Of Sheeting								
Piles								
Not Accessible	100%							D
Walls								
Cast Iron	100%			LIFE		* *		C
Other Observation, Extent : Severe, Area Affected : 100%								
Location : South Abutment								
Explanation : Steel Sheeting								
Concrete	100%			LIFE		* *		C
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.

Maintenance \$ are aggregated over a ten-year period. Site 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		Current Repair		Future Replacement		Maintenance			
System	Component	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Stream Channel									
	Bank Protection								
	Riprap	100%	2-4	\$88,000	LIFE	* *			C
		Broken/Missing Element, Extent : Moderate, Area Affected : 60%							
		Location : Along West Fascia - Harlem River							
		Erosion, Extent : Moderate, Area Affected : 20%							
		Location : Along Bank Of Harlem River							
Approaches									
	Pavement								
	Asphalt	100%	4+	\$25,000	2022	\$250,400	4	\$3,200	C
		Cracks, Extent : Moderate, Area Affected : 50%							
		Location : Random At Both Approaches							
	Concrete	100%	4+	\$11,700	2030	* *	4	\$12,200	C
		Cracks, Extent : Light, Area Affected : 25%							
		Location : Both Approaches							
		Other Observation, Extent : Light, Area Affected : 100%							
		Location : Both Approaches							
		Explanation : Concrete Is First 15 To 20 Feet Of Approach Length, Rest Is Asphalt							
Curbs									
	Concrete	2%	4+		LIFE	* *			A
		Vegetation Growth, Extent : Light, Area Affected : 1%							
		Location : Left Curb Begin Approach							
	Concrete	98%			LIFE	* *			A
	Granite	100%			LIFE	* *			A
Embankment									
	Generic	100%			LIFE	* *			C
Guide Railing									
	Steel	100%	0-2	\$12,200	LIFE	* *	2-8	\$4,800	A
		Damaged Railing, Extent : Severe, Area Affected : 100%							
		Location : Begin Approach Right Side (southeast Approach)							
Mat (scour & erosion)									
	Earth	80%			LIFE	* *			A
	Earth	20%	Now	\$1,200	LIFE	* *			A
		Erosion, Extent : Severe, Area Affected : 25%							
		Location : Begin Abutment - Left Side							
Sidewalks/Fascias									
	Concrete	100%	4+	\$6,200	LIFE	* *			C
		Settlement, Extent : Moderate, Area Affected : 10%							
		Location : Begin - Left Approach							
Piers									
	Cap Beam								
	Concrete	100%			LIFE	* *			A
	Pier,Columns								
	Steel	100%			LIFE	* *	2-8	\$37,300	B
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : All Piers Along The Harlem River							
		Explanation : Steel Sheeting Around Pile Cap							

Note : 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**  
**DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV**  
**Asset # : 2443**

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
Piers								
Stem,Solid Pier Concrete	100%	4+	\$180,800	LIFE	* *			B
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Begin - Left Side Pier 8								
Explanation : Scaling								
Brngs,Ancr Blts,Pads Steel	100%	4+	\$93,500	LIFE	* *	2-8	\$13,100	A
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Under Leaky Deck Joints								
Footings Masonry	60%	2-4	\$26,100	2031	* *			B
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Piers 1 To 4								
Explanation : Concrete Pile Cap And Steel Piles Exposed Piers 1 To 4. Concrete Footing Exposed Piers 6 And 7.								
Masonry	40%			2041	* *			B
Mat (scour & erosion) Earth	100%	0-2	\$11,900	LIFE	* *			A
Erosion, Extent : Severe, Area Affected : 15%								
Location : Pier 1 To 5 On Westside (at River)								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Piers 6, 7 On West Side Along River								
Explanation : Severe Corrosion And Section Loss To Steel Sheeting Along Tidal Watermarks. Expsed Footing Of Piers 6 & 7 For Up To 5 Ft.								
Pedestals Concrete	100%	4+	\$15,100	LIFE	* *			B
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Deck Elements								
Curbs Granite	100%			LIFE	* *			A
Railings/Parapets Concrete	100%			2036	* *	4	\$13,100	A
Steel	100%			LIFE	* *	2-8	\$7,700	A
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random, Steel Railing On Top Of Concrete Parapet On Both Sides. Also Chainlink Fence On Both Sides In The Spans Over Tracks, Total Length May Be 125 Feet.								
Sidewalks/Fascias Concrete	100%			2026	* *	5	\$6,800	C

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\*\* 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		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								
Wearing Surface								
Concrete	95%			2030	* *	5	\$106,100	C
Concrete	5%	4+	\$1,900	2030	* *	5	\$53,000	C
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Spans 1 To 5							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Isolated Locations							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$27,200	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Spans 5 To 11							
	Explanation : Stay In Place Forms At Underdeck							
Joints								
Generic	100%	4+	\$3,700	LIFE	* *			C
	Broken/Missing Element, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	* *			A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Spans 1 To 4							
	Explanation : Prestressed Box Beams							
Steel	100%			LIFE	* *	2-8	\$453,800	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Spans 5 To 11							
	Explanation : Weathering Steel Girders							
Secondary Member								
Steel	5%	4+	\$5,500	LIFE	* *	2-8	\$382,500	B
	Corrosion, Extent : Light, Area Affected : 2%							
	Location : Under Deck Joints Over Piers							
Steel	95%			LIFE	* *	2-8	\$382,500	B

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

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

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



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : E. 12TH STREET BRIDGE  
**Address** : E. 12TH STREET  
**Borough** : BROOKLYN  
**Program / Asset #** : DOT0163.000 / 13571  
**Area Sq Ft** : 17,200  
**Date of Survey** : 01-Nov-2010  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2231390  
**Agency's Number** : N/A  
**Yr Built/Renovated** :  
**Project Type** : HIGHWAY BRIDGES  
**Landmark Status** : NONE

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bridge Structure	\$875,100	\$2,960,300
<b>Total</b>	<b>\$875,100</b>	<b>\$2,960,300</b>
Priority C	\$875,100	\$2,960,300
<b>Total</b>	<b>\$875,100</b>	<b>\$2,960,300</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$52,000		\$29,500	
<b>Total</b>	<b>\$52,000</b>		<b>\$29,500</b>	
Priority A	\$25,400		\$1,300	
Priority B	\$6,700			
Priority C	\$19,900		\$28,300	
<b>Total</b>	<b>\$52,000</b>		<b>\$29,500</b>	



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

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

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

## DEPARTMENT OF TRANSPORTATION - 841

## E. 12TH STREET BRIDGE

Asset # : 13571

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 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	100%	4+	\$6,700	LIFE	**			B
Missing/Damaged Seal, Extent : Light, Area Affected : 10% Location : Random								
Mat (scour & erosion) Earth	100%			LIFE	**			B
Pedestals Concrete	100%			LIFE	**			A
Stem (breastwall) Concrete	100%			LIFE	**			B
Masonry	100%			LIFE	**			B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	**			C
Piles Not Accessible	100%							D
Walls Concrete	100%	4+	\$815,900	LIFE	**			C
Cracks, Extent : Light, Area Affected : 10% Location : Random Vertical And Horizontal Efflorescence, Extent : Light, Area Affected : 15% Location : Random Spalling, Extent : Light, Area Affected : 10% Location : Random At Vertical Contraction Joint Other Observation, Extent : Moderate, Area Affected : 50% Location : Random Throughout Explanation : Paint Peeling								
Masonry: Stone	100%			LIFE	**			C
Approaches								
Pavement Asphalt	100%	4+	\$59,200	2023	\$2,960,300	4	\$44,700	C
Cracks, Extent : Light, Area Affected : 10% Location : Random								
Curbs Concrete w/ Steel Face	100%	4+	\$25,400	LIFE	**			A
Corrosion, Extent : Light, Area Affected : 10% Location : 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**  
**E. 12TH STREET BRIDGE**  
**Asset # : 13571**

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								
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$35,600	A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	4+	\$14,300	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Localized Small Spalls								
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			A
Steel	100%			LIFE	* *	2-8		A
Pier,Columns								
Concrete	100%			LIFE	* *			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Piers								
Explanation : Outer Face Finished W/ Stone Masonry								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								
Steel	100%			LIFE	* *			B
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Median								
Concrete	100%			LIFE	* *	5		A
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$9,400	A
Sidewalks/Fascias								
Concrete	100%	4+	\$4,500	2027	* *	5	\$1,800	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Wearing Surface								
Concrete	100%			2031	* *	5	\$56,500	C

**Superstructure**

Note : 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**

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								
Deck,Structural								
Concrete	100%			LIFE	* *	5		A
Joints								
Generic	80%			LIFE	* *			C
Generic	20%	0-2	\$1,100	LIFE	* *			C
Broken/Missing Element, Extent : Moderate, Area Affected : 20%								
Location : Deteriorated Filler								
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location :								
Primary Member								
Steel	100%			LIFE	* *	2-8		A
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : E. 165TH ST. BRIDGE  
**Address** : E. 165TH ST  
**Borough** : BRONX  
**Program / Asset #** : DOT0166.000 / 13574  
**Area Sq Ft** : 16,400  
**Date of Survey** : 15-Nov-2010  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2241630  
**Agency's Number** : N/A  
**Yr Built/Renovated** : 1897 /  
**Project Type** : HIGHWAY BRIDGES  
**Landmark Status** : NONE

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$400,000	\$2,702,000
<b>Total</b>	<b>\$400,000</b>	<b>\$2,702,000</b>
Priority A	\$35,100	
Priority C	\$364,800	\$2,702,000
<b>Total</b>	<b>\$400,000</b>	<b>\$2,702,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$21,200	\$3,900	\$600	
<b>Total</b>	<b>\$21,200</b>	<b>\$3,900</b>	<b>\$600</b>	
Priority A	\$3,100	\$3,900	\$600	
Priority C	\$18,100			
<b>Total</b>	<b>\$21,200</b>	<b>\$3,900</b>	<b>\$600</b>	



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

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

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

## DEPARTMENT OF TRANSPORTATION - 841

## E. 165TH ST. BRIDGE

Asset # : 13574

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								
Not Accessible	100%							D
Backwall								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
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								
Masonry: Stone	100%			LIFE		* *		C
Approaches								
Pavement								
Asphalt	100%	0-2	\$246,500	2023	\$2,465,400	4	\$37,200	C
			Cracks, Extent : Moderate, Area Affected : 35%					
			Location : Random Throughout					
			Spalling, Extent : Light, Area Affected : 10%					
			Location : Random					
Concrete	100%			2031		* *	4	C
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		A
Guide Railing								
Steel	100%			LIFE		* *	2-8	A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	4+	\$12,700	LIFE		* *		C
			Cracks, Extent : Light, Area Affected : 2%					
			Location : Random					
Piers								
Stem,Solid Pier								
Masonrv	100%			LIFE		* *		B

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

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

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

## DEPARTMENT OF TRANSPORTATION - 841

## E. 165TH ST. BRIDGE

Asset # : 13574

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	
Piers									
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	
Median									
Concrete	100%	4+	\$3,100	LIFE	* *	5		A	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random									
Railings/Parapets									
Concrete	100%			2031	* *	4	\$11,800	A	
Steel	100%	4+	\$35,100	LIFE	* *	2-8	\$10,800	A	
Corrosion, Extent : Moderate, Area Affected : 30%									
Location : Throughout									
Sidewalks/Fascias									
Concrete	100%	4+	\$5,400	2027	* *	5	\$2,100	C	
Cracks, Extent : Light, Area Affected : 1%									
Location : Random									
Wearing Surface									
Asphalt	100%	2-4	\$118,300	2023	\$236,600	5		C	
Cracks, Extent : Moderate, Area Affected : 30%									
Location : Random Throughout									
Spalling, Extent : Light, Area Affected : 10%									
Location : Random									
Superstructure									
Deck,Structural									
Not Accessible	100%							D	
Primary Member									
Not Accessible	100%							D	
Secondary Member									
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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 1993 /  
**Area Sq Ft** : 8,290 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 23-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241550

**CAPITAL****Total**

Priority

**Total**

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$51,100			
<b>Total</b>	<b>\$51,100</b>			
Priority B	\$43,700			
Priority C	\$7,400			
<b>Total</b>	<b>\$51,100</b>			



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

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

\*\* 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 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 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%	4+	\$10,900	LIFE	* *			B
Loose Elements, Extent : Moderate, Area Affected : 20%								
Location : Begin Abutment								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : End Abutment Header								
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	100%			LIFE	* *			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Abutments								
Explanation : 50% Concrete (begin Abutment); 50% Stone Masonry (end Abutment)								
Masonry: Brownstone	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Masonry: Stone	90%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 100%								
Location : Begin And End Wingwalls; Both Sides								
Explanation : Wingwall At End Right Side Is Masonry And Cribbing At Left Side. At Begin Abutment Left And Right Sides Are Masonry.								
Masonry: Stone	10%	4+	\$300	LIFE	* *			C
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : End Abutment								
Explanation : Loose Joints.								
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**  
**EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR**  
**Asset # : 13718**

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	100%	2-4	\$1,300	2022	\$26,800	4	\$700	C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : End Approach							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Both Approaches							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Both Approaches							
	Explanation : 50% Asphalt And 50% Concrete							
Concrete	100%			2030	* *	4	\$3,700	C
	Spalling, Extent : Light, Area Affected : 20%							
	Location : Begin Abutment							
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Begin Right Side							
	Explanation : Begin Right Wingwall Is Earth And Concrete Cribbing							
Guide Railing								
Steel	100%			LIFE	* *	2-8		A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8		A
Pier,Columns								
Steel	100%			LIFE	* *	2-8		B
Stem,Solid Pier								
Concrete	100%	4+	\$32,800	LIFE	* *			B
	Cracks, Extent : Light, Area Affected : 50%							
	Location : Crashwall							
	Spalling, Extent : Light, Area Affected : 50%							
	Location : Crashwall							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8		A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								
Steel	100%			LIFE	* *			B
Piles								
Not Accessible	100%							D

## Deck Elements

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR**  
**Asset # : 13718**

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	100%			LIFE	* *			A
Mono Deck Surface								
Concrete	100%			2041	* *	5		C
Railings/Parapets								
Concrete	100%			2030	* *	4		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Sides								
Explanation : Chainlink Fence On Top Concrete Parapet								
Sidewalks/Fascias								
Concrete	100%	4+	\$4,600	2026	* *	5		C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underside Of Deck, Spans 1 And 2								
Explanation : Underside Of Deck Exhibits Stay In Place Forms								
Primary Member								
Steel	100%			LIFE	* *	2-8		A
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : EAST 149TH STREET BRIDGE EAST 149TH ST./AMTRAK  
**Address** : EAST 149TH STREET  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0179.000 / 13713 **Yr Built/Renovated** :  
**Area Sq Ft** : 12,575 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 23-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241129

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$86,900	\$62,800
<b>Total</b>	<b>\$86,900</b>	<b>\$62,800</b>
Priority B	\$86,900	
Priority C		\$62,800
<b>Total</b>	<b>\$86,900</b>	<b>\$62,800</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$24,700		\$27,300	
<b>Total</b>	<b>\$24,700</b>		<b>\$27,300</b>	
Priority A	\$3,300			
Priority B	\$9,800			
Priority C	\$11,600		\$27,300	
<b>Total</b>	<b>\$24,700</b>		<b>\$27,300</b>	



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 149TH STREET BRIDGE EAST 149TH ST./AMTRAK**  
**Asset # : 13713**

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 Concrete	100%	4+	\$2,500	LIFE	* *			A
Spalling, Extent : Light, Area Affected : 20%								
Location : End Abutment								
Backwall Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads Steel	100%			LIFE	* *			A
Footings Not Accessible	100%							D
Joint with Deck Generic	50%			LIFE	* *			B
Generic	50%	4+	\$9,800	LIFE	* *			B
Spalling, Extent : Severe, Area Affected : 20%								
Location : End Abutment								
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	80%			LIFE	* *			B
Concrete	20%	4+	\$86,900	LIFE	* *			B
Cracks, Extent : Light, Area Affected : 20%								
Location : Both Abutments								
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	* *			C
Approaches								
Pavement Asphalt	100%	4+	\$6,300	2022	\$62,800	4	\$1,200	C
Settlement, Extent : Light, Area Affected : 20%								
Location : End Abutment								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Abutments								
Explanation : 50% Asphalt; 50% Concrete								
Concrete	100%	4+	\$2,000	2030	* *	4	\$4,700	C
Spalling, Extent : Light, Area Affected : 10%								
Location : Begin Abutment								
Curbs								
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.

Maintenance \$ are aggregated over a ten-year period. Site 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 EAST 149TH ST./AMTRAK**  
**Asset # : 13713**

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								
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Concrete	80%			2030	**	4		A
Concrete	20%	Now	\$700	2030	**	4		A
Damaged Railing, Extent : Moderate, Area Affected : 100%								
Location : End Approach								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks/Fascias								
Concrete	80%			LIFE	**			C
Concrete	10%	4+	\$800	LIFE	**			C
Settlement, Extent : Light, Area Affected : 50%								
Location : Begin Abutment								
Concrete	10%	Now	\$1,600	LIFE	**			C
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : End Approach								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Left And Right Sides								
Explanation : Steel Fascia With Corrugated Steel Siding For Railroad Protection								
Piers								
Cap Beam								
Concrete	90%			LIFE	**			A
Concrete	10%	4+	\$200	LIFE	**			A
Spalling, Extent : Moderate, Area Affected : 20%								
Location : The Side Facing The End Abutment								
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8		A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	100%			LIFE	**			B
Piles								
Not Accessible	100%							D
Deck Elements								
Median								
Concrete	100%			LIFE	**	5		A
Mono Deck Surface								
Concrete	100%			2041	**	5	\$54,700	C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 149TH STREET BRIDGE EAST 149TH ST./AMTRAK**  
**Asset # : 13713**

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								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Sides								
Explanation : Steel Fascia With Steel Railing And Cladding On Top								
Sidewalks/Fascias								
Concrete	90%			2026	* *	5		C
Concrete	10%	4+	\$900	2026	* *	5		C
Cracks, Extent : Light, Area Affected : 80%								
Location : Both Sides								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 1 And 2								
Explanation : Stay In Place Forms At Underside Of Deck								
Primary Member								
Steel	100%			LIFE	* *	2-8		A
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 17-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241050

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure		\$1,236,600
<b>Total</b>		<b>\$1,236,600</b>
Priority C		\$1,236,600
<b>Total</b>		<b>\$1,236,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$41,900	\$11,000	\$900	\$3,700
<b>Total</b>	<b>\$41,900</b>	<b>\$11,000</b>	<b>\$900</b>	<b>\$3,700</b>
Priority A		\$1,700	\$900	
Priority C	\$41,900	\$9,300		\$3,700
<b>Total</b>	<b>\$41,900</b>	<b>\$11,000</b>	<b>\$900</b>	<b>\$3,700</b>



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

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

*\*\* 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 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								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
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
Walls								
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	50%			2023	\$618,300	4	\$28,000	C
Asphalt	50%	4+	\$12,400	2023	\$618,300	4	\$18,700	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Curbs								
Concrete	100%			LIFE	**			A
Concrete w/ Steel Face	100%			LIFE	**			A
Embankment								
Generic	100%			LIFE	**			C
Guide Railing								
Steel	100%			LIFE	**	2-8	\$7,200	A
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	4+	\$20,600	LIFE	**			C
Cracks, Extent : Light, Area Affected : 5%								
Location : 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**  
**EAST 149TH STREET/JACKSON AVE CONRAIL PORT MORRIS**  
**Asset # : 2479**

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	100%			2042	**			A
Concrete w/ Steel Face	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%			2031	**	4	\$5,100	A
Steel	100%			LIFE	**	2-8	\$19,500	A
Sidewalks/Fascias								
Concrete	100%			2027	**	5	\$7,400	C
Wearing Surface								
Concrete	100%	4+	\$8,900	2031	**	5	\$14,000	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Along Approach Joint								
Delaminations, Extent : Light, Area Affected : 5%								
Location : Along Approach Joint								
Spalling, Extent : Light, Area Affected : 2%								
Location : Along Approach Joint								
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Primary Member								
Not Accessible	100%							D
Secondary Member								
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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,067,600	\$558,200
<b>Total</b>	<b>\$1,067,600</b>	<b>\$558,200</b>
Priority A	\$114,500	
Priority B	\$953,100	\$558,200
<b>Total</b>	<b>\$1,067,600</b>	<b>\$558,200</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$352,300		\$70,900	
<b>Total</b>	<b>\$352,300</b>		<b>\$70,900</b>	
Priority A	\$58,300		\$8,300	
Priority B	\$237,000		\$56,000	
Priority C	\$57,000		\$6,700	
<b>Total</b>	<b>\$352,300</b>		<b>\$70,900</b>	



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

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

\*\* 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 Replacement		Maintenance		
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	* *			C
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%	4+	\$2,800	LIFE	* *			B
Spalling, Extent : Light, Area Affected : 5%								
Location : Pothole At Eastern Exit Of Tunnel								
Pedestals								
Steel	100%			LIFE	* *			A
Corrosion, Extent : Light, Area Affected : 2%								
Location : Minor Pitting At Base Of Pedestals At Sidewalk								
Stem (breastwall)								
Concrete	100%	4+	\$121,700	LIFE	* *			B
Spalling, Extent : Light, Area Affected : 10%								
Location : Spalling At Interface With Pedestals, Water Infiltration At One Spall In South Abutment								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 75%								
Location : Throughout								
Explanation : Peeling Paint								
Approaches								
Pavement								
Asphalt	70%			2024	* *	4	\$13,400	C
Asphalt	30%	4+	\$23,500	2024	* *	4	\$13,400	C
Cracks, Extent : Light, Area Affected : 20%								
Location : Random								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Curbs								
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.

Maintenance \$ are aggregated over a ten-year period. Site 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 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								
Concrete	80%			2032	* *	4	\$15,700	A
Concrete	20%	4+	\$5,700	2032	* *	4	\$15,700	A
Cracks, Extent : Light, Area Affected : 20%								
Location : Random								
Spalling, Extent : Light, Area Affected : 20%								
Location : At Approaches Atop Wingwalls								
Steel	100%			LIFE	* *	2-8	\$25,500	A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	20%	4+	\$13,800	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Concrete	80%			LIFE	* *			C
Piers								
Pier,Columns								
Steel	80%			LIFE	* *	2-8	\$1,317,000	B
Steel	20%	4+	\$552,200	LIFE	* *	2-8	\$803,600	B
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Pitting Throughout								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			A
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Guide Railing								
Steel	100%			LIFE	* *			A
Median								
Concrete	100%			LIFE	* *	5	\$27,700	A
Sidewalks/Fascias								
Concrete	80%			2028	* *	5	\$5,900	C
Concrete	20%	4+	\$3,400	2028	* *	5	\$3,000	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random, Large Crack At Sidewalk Over Eastern End Of Tunnel								
Wearing Surface								
Asphalt	90%			2024	* *	5	\$27,000	C
Asphalt	10%	4+	\$2,900	2024	* *	5	\$13,500	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Location								
Superstructure								

Note : 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**  
**EAST 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST**  
**Asset # : 2488**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%	4+	\$114,500	LIFE	* *	5	\$32,300	A
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Cracks With Efflorescence At Deck Supporting Subway</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Underside Of Deck</i> <i>Explanation : Peeling Paint</i>								
Primary Member								
Concrete Encased Steel	100%			LIFE	* *	5	\$58,400	A

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK  
**Address** : OVER AMTRAK AT PARK AVENUE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0155.000 / 13518 **Yr Built/Renovated** :  
**Area Sq Ft** : 22,300 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 21-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2241270

<b>CAPITAL</b>		<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure		\$330,300	\$335,600
<b>Total</b>		<b>\$330,300</b>	<b>\$335,600</b>
Priority B		\$270,600	\$32,200
Priority C		\$59,700	\$303,400
<b>Total</b>		<b>\$330,300</b>	<b>\$335,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$43,800		\$7,700	
<b>Total</b>	<b>\$43,800</b>		<b>\$7,700</b>	
Priority A	\$2,200		\$100	
Priority B	\$19,900		\$3,200	
Priority C	\$21,800		\$4,300	
<b>Total</b>	<b>\$43,800</b>		<b>\$7,700</b>	



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

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

\*\* 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		
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 Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck Generic	100%	4+	\$19,900	LIFE	* *			B
Missing/Damaged Seal, Extent : Light, Area Affected : 10%								
Location : Both Approaches								
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	100%	4+	\$270,600	LIFE	* *			B
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Walls Concrete	100%			LIFE	* *			A
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Concrete	100%	4+	\$11,300	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 100%								
Location : End Right Wingwall								
Explanation : End Abutment Right Wingwall Is Masonry And Lies Adjacent To Buildings.								
Other Three Wingwalls Are Concrete.								
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**  
**EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK**  
**Asset # : 13518**

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	100%			2022	\$243,700	4	\$8,900	C	
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Throughout All Approaches								
	Other Observation, Extent : Light, Area Affected : 20%								
	Location : Begin And End Approaches								
	Explanation : Approach Pavement Is Made Up Of 15% Concrete And 85% Asphalt								
Concrete	100%	4+	\$7,600	2030	* *	4	\$9,100	C	
	Cracks, Extent : Light, Area Affected : 30%								
	Location : Random Locations								
	Spalling, Extent : Light, Area Affected : 15%								
	Location : West Deck Joint Header								
Curbs									
Concrete w/ Steel Face	100%			LIFE	* *			A	
Embankment									
Earth	100%			LIFE	* *			C	
Mat (scour & erosion)									
Earth	100%			LIFE	* *			A	
Sidewalks/Fascias									
Concrete	100%			LIFE	* *			C	
Piers									
Pier,Columns									
Steel	100%			LIFE	* *	2-8	\$92,700	B	
Stem,Solid Pier									
Concrete	100%			LIFE	* *			B	
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	
Deck Elements									
Curbs									
Concrete w/ Steel Face	100%			LIFE	* *			A	
Median									
Concrete	90%			LIFE	* *	5		A	
Concrete	10%	4+	\$1,900	LIFE	* *	5		A	
	Cracks, Extent : Light, Area Affected : 20%								
	Location : Random Locations								

Note : 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**  
**EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK**  
**Asset # : 13518**

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								
Railings/Parapets								
Concrete	100%			2030	* *	4	\$600	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : Concrete Parapet							
Steel	100%			LIFE	* *	2-8	\$4,000	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : Steel Railing							
Sidewalks/Fascias								
Concrete	100%			2026	* *	5	\$8,600	C
Wearing Surface								
Concrete	100%			2030	* *	5	\$119,500	C
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Spalling Along Armored Joint Along East Abutment							
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Primary Member								
Steel	100%			LIFE	* *	2-8		A
Secondary Member								
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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$776,200	\$531,200
<b>Total</b>	<b>\$776,200</b>	<b>\$531,200</b>
Priority A	\$646,700	\$401,600
Priority B	\$129,600	\$129,600
<b>Total</b>	<b>\$776,200</b>	<b>\$531,200</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$419,500		\$58,900	
<b>Total</b>	<b>\$419,500</b>		<b>\$58,900</b>	
Priority A	\$237,600		\$45,000	
Priority B	\$144,200		\$13,000	
Priority C	\$37,700		\$1,000	
<b>Total</b>	<b>\$419,500</b>		<b>\$58,900</b>	



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

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

\*\* 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**

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 Not Accessible	100%							D
Other Observation, Extent : Light, Area Affected : 0%								
Location : Under Deck Shield Begins With End Abutment								
Explanation : Under Construction, 25% Of The Bridge Is Covered With Temporary Under Deck Shield.								
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck Generic	50%			LIFE		* *		B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Begin Abutment								
Explanation : Under Construction								
Generic	50%			LIFE		* *		B
Pedestals Not Accessible	100%							D
Stem (breastwall) Not Accessible	100%							D
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Under Construction								
Walls Not Accessible	100%							D
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Under Construction								
Wingwalls								
Footings Not Accessible	100%							D
Piles Not Accessible	100%							D
Walls Concrete	80%			LIFE		* *		C
Concrete	20%	4+	\$18,800	LIFE		* *		C
Vegetation Growth, Extent : Severe, Area Affected : 40%								
Location : Bottom Of Wall								

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**  
**FDR NB RAMP/SOUTH ST**  
**Asset # : 4323**

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	60%			2024	* *	4	\$2,000	C
Asphalt	40%	2-4	\$11,500	2024	* *	4	\$2,000	C
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Minor Spalls With Deteriorated Surface (beg. Approach)								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : At Surface Of Beg. Approach								
Explanation : Rutting								
Concrete	100%			2032	* *	4		C
Curbs								
Concrete w/ Steel Face	60%			LIFE	* *			A
Concrete w/ Steel Face	40%	4+	\$6,000	LIFE	* *			A
Rust Stains, Extent : Severe, Area Affected : 100%								
Location : Full Length								
Guide Railing								
Concrete	60%			2032	* *	4	\$9,400	A
Concrete	40%	4+	\$8,400	2032	* *	4	\$9,400	A
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	60%			LIFE	* *			C
Concrete	40%	4+	\$7,400	LIFE	* *			C
Spalling, Extent : Light, Area Affected : 10%								
Location : At Surface								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Deteriorated Concrete Along The Length								
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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FDR NB RAMP/SOUTH ST**  
**Asset # : 4323**

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
Piers								
Cap Beam								
Concrete	75%			LIFE	**			A
Concrete	25%	4+	\$245,000	LIFE	**			A
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random								
Delaminations, Extent : Moderate, Area Affected : 10%								
Location : Random								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Random								
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : Random								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random								
Explanation : Spalls With And Without Exposed Reinforcement Are Covered With Steel Meshes.								
Steel	100%			LIFE	**	2-8	\$1,553,500	A
Corrosion, Extent : Severe, Area Affected : 30%								
Location : Random								
Pier,Columns								
Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$21,800	LIFE	**			B
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 : Moderate, Area Affected : 20%								
Location : Random								
Explanation : Spalls With And Without Exposed Reinforcement Are Covered With Steel Meshes.								
Steel	100%			LIFE	**	2-8	\$611,300	B
Other Observation, Extent : Light, Area Affected : 30%								
Location : Random								
Explanation : Paint Peeling								
Stem,Solid Pier								
Concrete	70%			LIFE	**			B
Concrete	30%	4+	\$13,600	LIFE	**			B
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Spans 14-16								
Brngs,Ancr Blts,Pads								
Under Construction	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	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.

Maintenance \$ are aggregated over a ten-year period. Site 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**

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
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/Fascias								
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

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : FDR SB RAMP/SOUTH ST  
**Address** : DOVER & SOUTH STREETS  
**Borough** : MANHATTAN  
**Program / Asset #** : DOT0027.0B0 / 4324  
**Area Sq Ft** : 44,600  
**Date of Survey** : 18-Jul-2011  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 223201B  
**Agency's Number** : N/A  
**Yr Built/Renovated** : 1954 /  
**Project Type** : HIGHWAY BRIDGES  
**Landmark Status** : NONE

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,458,900	\$2,030,300
<b>Total</b>	<b>\$1,458,900</b>	<b>\$2,030,300</b>
Priority A	\$1,200,900	\$1,474,800
Priority B	\$258,000	\$555,500
<b>Total</b>	<b>\$1,458,900</b>	<b>\$2,030,300</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$576,500		\$199,200	
<b>Total</b>	<b>\$576,500</b>		<b>\$199,200</b>	
Priority A	\$384,000		\$142,500	
Priority B	\$118,300		\$55,700	
Priority C	\$74,200		\$1,000	
<b>Total</b>	<b>\$576,500</b>		<b>\$199,200</b>	



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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**FDR SB RAMP/SOUTH ST**  
**Asset # : 4324**

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								
Not Accessible	100%							D
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Under Construction. The Abutment Is Within Contractor Stage Area								
Backwall								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	2-4	\$33,600	LIFE		* *		B
Broken/Missing Element, Extent : Severe, Area Affected : 70%								
Location : Joint Filler Is Missing At End Abutment								
Spalling, Extent : Severe, Area Affected : 100%								
Location : Concrete Joint Headers Along The Edge Of End Abutment								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
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								
Granite	100%			LIFE		* *		C
Approaches								
Pavement								
Asphalt	60%			2024		* *	4	\$2,000
Asphalt	40%	2-4	\$20,900	2024		* *	4	\$2,000
Cracks, Extent : Severe, Area Affected : 50%								
Location : Random								
Concrete	100%			2032		* *	4	
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		A
Corrosion, Extent : Severe, Area Affected : 60%								
Location : Along Bottom Of Steel Facing								

Note : 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**  
**FDR SB RAMP/SOUTH ST**  
**Asset # : 4324**

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								
Guide Railing								
Concrete	40%			2032	* *	4	\$2,300	A
Concrete	60%	0-2	\$17,200	2032	* *	4	\$2,300	A
	Cracks, Extent : Severe, Area Affected : 60%							
	Location : Throughout							
	Spalling, Extent : Severe, Area Affected : 60%							
	Location : Throughout							
Granite	100%			LIFE	* *			A
	Other Observation, Extent : Light, Area Affected : 30%							
	Location : End Approach							
	Explanation : Covered By Construction Fence							
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	95%			LIFE	* *			C
Concrete	5%	2-4	\$700	LIFE	* *			C
	Spalling, Extent : Light, Area Affected : 10%							
	Location : Random							
Piers								
Cap Beam								
Steel	90%			LIFE	* *	2-8	\$1,315,500	A
Steel	10%	4+	\$56,700	LIFE	* *	2-8	\$786,300	A
	Rust Stains, Extent : Light, Area Affected : 10%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Random							
	Explanation : Paint Peeling							
Pier,Columns								
Steel	90%			LIFE	* *	2-8	\$458,500	B
Steel	10%	4+	\$108,500	LIFE	* *	2-8	\$279,800	B
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Random							
Stem,Solid Pier								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	\$6,900	A
	Rust Stains, Extent : Light, Area Affected : 5%							
	Location : Random							
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								
Steel	100%	4+	\$52,300	LIFE	* *			B
	Corrosion, Extent : Moderate, Area Affected : 15%							
	Location : Random							

## 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**  
**FDR SB RAMP/SOUTH ST**  
**Asset # : 4324**

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	98%	4+	\$5,800	LIFE	**			A
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Surface Rust								
Concrete w/ Steel Face	2%	Now	\$3,600	LIFE	**			A
Broken/Missing Element, Extent : Severe, Area Affected : 75%								
Location : Left Curb Span 1								
Gratings								
Steel	100%			LIFE	**			A
Railings/Parapets								
Steel	100%	4+	\$9,000	LIFE	**	2-8	\$13,900	A
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random								
Sidewalks/Fascias								
Concrete	95%			2028	**	5	\$100	C
Concrete	5%	2-4		2028	**	5		C
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Wearing Surface								
Asphalt	80%			2024	**	5	\$15,800	C
Asphalt	20%	2-4	\$11,400	2024	**	5	\$7,900	C
Cracks, Extent : Severe, Area Affected : 30%								
Location : At Joints								
Superstructure								
Deck,Structural								
Concrete	60%			LIFE	**	5	\$36,900	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction And Not Accessible								
Concrete	40%	2-4	\$263,100	LIFE	**	5	\$18,500	A
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random								
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random								
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Joints								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random								
Explanation : Honeycombing								
Joints								
Generic	40%			LIFE	**			C
Generic	60%	Now	\$33,300	LIFE	**			C
Joints Missing, Extent : Severe, Area Affected : 60%								
Location : 3rd And 4th Joints								
Leakage, Extent : Moderate, Area Affected : 20%								
Location : 1st And 2nd Joints								

Note : 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**  
**FDR SB RAMP/SOUTH ST**  
**Asset # : 4324**

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								
Concrete	80%			LIFE	**	5	\$35,400	A
Concrete	20%	2-4	\$99,400	LIFE	**	5	\$17,700	A
Cracks, Extent : Severe, Area Affected : 75%								
Location : Random At Spans 9-10 As Per Nysdot Insp.								
Efflorescence, Extent : Severe, Area Affected : 75%								
Location : Random At Spans 9-10 As Per Nysdot Insp.								
Other Observation, Extent : Severe, Area Affected : 75%								
Location : Random At Spans 9-10 As Per Nysdot Insp.								
Explanation : Stalactite, Map Cracks With Wet Stains And Scaling								
Steel	95%			LIFE	**	2-8	\$1,156,200	A
Steel	5%	4+	\$80,500	LIFE	**	2-8	\$674,600	A
Corrosion, Extent : Light, Area Affected : 10%								
Location :								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random								
Explanation : Paint Peeling								
Secondary Member								
Steel	100%	4+	\$3,100	LIFE	**	2-8	\$565,100	B
Corrosion, Extent : Severe, Area Affected : 1%								
Location : Span 6, End Diaphragm Of Bays 1 & 3 At Pier 6								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random								
Explanation : Paint Peeling								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET  
**Address** : 62ND ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0033.080 / 4208 **Yr Built/Renovated** : 1941 / 2006  
**Area Sq Ft** : 70,113 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 25-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2233038

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$772,300	
<b>Total</b>	<b>\$772,300</b>	
Priority A	\$772,300	
<b>Total</b>	<b>\$772,300</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$29,700			\$24,100
<b>Total</b>	<b>\$29,700</b>			<b>\$24,100</b>
Priority A	\$9,100			
Priority C	\$20,600			\$24,100
<b>Total</b>	<b>\$29,700</b>			<b>\$24,100</b>



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

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

\*\* 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		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								
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	* *			B
Mat (scour & erosion)								
Generic	100%			LIFE	* *			B
Pedestals								
Concrete	100%			LIFE	* *			A
Stem (breastwall)								
Concrete	100%			LIFE	* *			B
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
Approaches								
Pavement								
Asphalt	100%	4+	\$20,600	2024	* *	4	\$3,500	C
	Cracks, Extent : Moderate, Area Affected : 20% Location : Throughout							
Concrete	100%			2032	* *	4		C
Curbs								
Concrete	100%			LIFE	* *			A
Embankment								
Not Accessible	100%							D
Guide Railing								
Concrete	100%			2032	* *	4		A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			A
Steel	100%			LIFE	* *	2-8		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**  
**FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET**  
**Asset # : 4208**

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
Piers								
Pier,Columns								
Concrete	100%			LIFE	* *			B
Concrete Encased Steel	100%			LIFE	* *	5		B
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
Cracks, Extent : Light, Area Affected : 5%								
Location : At East Face Of Pier 33								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			A
Deck Elements								
Guide Railing								
Concrete	100%			2036	* *			A
Mono Deck Surface								
Concrete	100%			2043	* *	5		C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Railings/Parapets								
Concrete	100%	4+	\$37,000	2032	* *	4		A
Cracks, Extent : Light, Area Affected : 2%								
Location : At Joints Along Fascia								
Wearing Surface								
Concrete	100%			2032	* *	5	\$48,200	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$18,200	A
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Steel	10%	4+	\$735,300	LIFE	* *	2-8		A
Corrosion, Extent : Light, Area Affected : 2%								
Location : Impact Scrapes With Rust Stains To Bottom Flange Of Girders In Span 34								
Steel	90%			LIFE	* *	2-8		A
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 14-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246570

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$516,400	\$5,776,800
<b>Total</b>	<b>\$516,400</b>	<b>\$5,776,800</b>
Priority A	\$100,000	\$637,100
Priority C	\$416,400	\$5,139,700
<b>Total</b>	<b>\$516,400</b>	<b>\$5,776,800</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$30,500		\$34,800	\$25,000
<b>Total</b>	<b>\$30,500</b>		<b>\$34,800</b>	<b>\$25,000</b>
Priority A	\$10,700		\$1,000	
Priority C	\$19,800		\$33,800	\$25,000
<b>Total</b>	<b>\$30,500</b>		<b>\$34,800</b>	<b>\$25,000</b>



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

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

\*\* 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 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	* *			B	
Tile	100%			LIFE	* *			B	
Wingwalls									
Footings									
Not Accessible	100%							D	
Piles									
Not Accessible	100%							D	
Walls									
Concrete	100%			LIFE	* *			C	
Masonry: Limestone	100%			LIFE	* *			C	
Approaches									
Pavement									
Asphalt	80%			2022	\$3,526,400	4	\$59,300	C	
Asphalt	20%	0-2	\$176,300	2019	\$881,600	4	\$39,600	C	
Settlement, Extent : Light, Area Affected : 50%									
Location :									
Spalling, Extent : Light, Area Affected : 50%									
Location :									
Curbs									
Concrete w/ Steel Face	100%			LIFE	* *			A	
Granite	70%			LIFE	* *			A	
Granite	30%	0-2	\$6,300	LIFE	* *			A	
Settlement, Extent : Light, Area Affected : 10%									
Location :									
Embankment									
Not Accessible	100%							D	
Guide Railing									
Steel	100%			LIFE	* *	2-8	\$4,800	A	
Sidewalks/Fascias									
Cobblestone	100%			LIFE	* *			C	
Concrete	100%			LIFE	* *			C	
Piers									
Stem,Solid Pier									
Concrete	100%			LIFE	* *			B	
Tile	100%			LIFE	* *			B	
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Not Accessible	100%							D	
Deck Elements									

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL**  
**Asset # : 2513**

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								
Granite	30%	Now	\$4,400	LIFE	**			A
	Settlement, Extent : Severe, Area Affected : 50%							
	Location : Random							
Granite	70%			LIFE	**			A
Median								
Concrete	100%			LIFE	**	5	\$4,200	A
Railings/Parapets								
Concrete	100%	Now	\$35,100	2030	**	4	\$17,400	A
	Spalling, Extent : Severe, Area Affected : 5%							
	Location : Span 2 Right Side							
Steel	100%			LIFE	**	2-8	\$23,900	A
Sidewalks/Fascias								
Concrete	80%			2026	**	5	\$67,600	C
Concrete	20%	Now	\$166,900	2026	**	5	\$33,800	C
	Settlement, Extent : Severe, Area Affected : 50%							
	Location : Left Sidewalk							
Wearing Surface								
Asphalt	80%			2022	\$585,300	5	\$49,900	C
Asphalt	20%	0-2	\$73,200	2022	\$146,300	5	\$25,000	C
	Settlement, Extent : Moderate, Area Affected : 50%							
	Location : Random							
	Spalling, Extent : Moderate, Area Affected : 50%							
	Location : Random							
Superstructure								
Deck,Structural								
Concrete	10%	4+	\$28,800	LIFE	**	5	\$83,000	A
	Broken/Missing Element, Extent : Moderate, Area Affected : 10%							
	Location : Random							
Concrete	5%	Now	\$36,000	LIFE	**	5	\$83,000	A
	Spalling, Extent : Severe, Area Affected : 50%							
	Location : Span 2 Right Side							
Concrete	85%			LIFE	**	5	\$83,000	A
	Broken/Missing Element, Extent : Moderate, Area Affected : 40%							
	Location :							
Primary Member								
Concrete	100%			LIFE	**	5	\$388,100	A
Secondary Member								
Concrete	100%			LIFE	**	5		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : FLATBUSH AVE. BRIDGE  
**Address** : FLATBUSH AVE OVER BELT - SHORE PARKWAY  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0174.000 / 13669 **Yr Built/Renovated** : 1941 / 1996  
**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**

Total

Priority

Total

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$92,300		\$12,300	
<b>Total</b>	<b>\$92,300</b>		<b>\$12,300</b>	
Priority A	\$68,000		\$4,100	
Priority C	\$24,200		\$8,200	
<b>Total</b>	<b>\$92,300</b>		<b>\$12,300</b>	



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

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

\*\* 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
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			A
Other Observation, Extent : Light, Area Affected : 2%								
Location : Northeast Corner								
Explanation : Vegetation Growth At Northeast Fascia								
Backwall Concrete	100%			LIFE	**			C
Brngs,Ancr Blts,Pads Elastomeric	100%			2043	**			A
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	**			B
Pedestals Concrete	100%			LIFE	**			A
Stem (breastwall) Concrete	100%			LIFE	**			B
Granite	100%			LIFE	**			B
Wingwalls								
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
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Wingwalls								
Explanation : Stone Facing On Concrete Wingwalls								
Approaches								
Pavement Asphalt	80%			2024	**	4	\$2,800	C
Asphalt	20%	4+	\$2,700	2024	**	4	\$2,800	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Northeast Side Of The Approach Around Con Edison Manhole								
Concrete	100%			2032	**	4	\$13,600	C
Curbs								
Concrete w/ Steel Face	70%			LIFE	**			A
Concrete w/ Steel Face	30%	Now	\$14,800	LIFE	**			A
Broken/Missing Element, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Embankment Earth	100%			LIFE	**			C

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

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

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

**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	
Approaches									
Guide Railing									
Steel	80%			LIFE	**	2-8	\$7,600	A	
Steel	20%	4+	\$7,600	LIFE	**	2-8	\$4,800	A	
Other Observation, Extent : Moderate, Area Affected : 15%									
Location : Northeast And Southwest									
Explanation : Collision Damage, Fire Hydrant And Fenders Are Tilted. Corrugated Steel Railings Are Bent.									
Mat (scour & erosion)									
Earth	100%			LIFE	**			A	
Pavement Base									
Not Accessible	100%							D	
Sidewalks/Fascias									
Concrete	90%			LIFE	**			C	
Vegetation Growth, Extent : Moderate, Area Affected : 20%									
Location : All Approach Sidewalks									
Concrete	10%	4+	\$7,100	LIFE	**			C	
Broken/Missing Element, Extent : Severe, Area Affected : 100%									
Location : At All Sidewalk Approaches Next To Deck Element Sidewalk									
Other Observation, Extent : Light, Area Affected : 100%									
Location : At All Sidewalk Approaches									
Explanation : Asphalt Expansion Joint									
Piers									
Stem,Solid Pier									
Concrete	100%			LIFE	**			B	
Granite	100%			LIFE	**			B	
Other Observation, Extent : Light, Area Affected : 100%									
Location : At Ends Of Pier Wall									
Explanation : Stone Veneer Full Height Of Pier									
Brngs,Ancr Blts,Pads									
Elastomeric	100%			2043	**			A	
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Generic	100%			LIFE	**			A	
Pedestals									
Concrete	100%			LIFE	**			B	
Piles									
Not Accessible	100%							D	
Deck Elements									
Curbs									
Concrete w/ Steel Face	100%	4+	\$29,600	LIFE	**			A	
Rust Stains, Extent : Light, Area Affected : 80%									
Location : Throughout									
Median									
Concrete	100%			LIFE	**	5		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**  
**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+	\$5,000	2043	* *	5	\$30,000	C
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Crack In Deck Over The Pier							
Railings/Parapets								
Concrete	95%			2032	* *	4	\$7,000	A
Concrete	5%	4+	\$2,600	2032	* *	4	\$7,000	A
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random							
Steel	100%			LIFE	* *	2-8	\$15,600	A
Sidewalks/Fascias								
Concrete	55%			2028	* *	5	\$4,600	C
Concrete	45%	4+	\$9,500	2028	* *	5	\$2,300	C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random							
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	* *	5		A
	Rust Stains, Extent : Light, Area Affected : 2%							
	Location : On Sip Forms Of Fascia Girders							
Concrete	5%	4+	\$4,600	LIFE	* *	5		A
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Corrosion To Sip Forms In Southeast Bay							
Primary Member								
Steel	100%			LIFE	* *	2-8		A
	Rust Stains, Extent : Light, Area Affected : 3%							
	Location : Random Locations							
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 16-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 205580A

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure		\$128,700
<b>Total</b>		<b>\$128,700</b>
Priority C		\$128,700
<b>Total</b>		<b>\$128,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$23,800		\$19,100	
<b>Total</b>	<b>\$23,800</b>		<b>\$19,100</b>	
Priority A	\$3,200		\$200	
Priority C	\$20,500		\$18,800	
<b>Total</b>	<b>\$23,800</b>		<b>\$19,100</b>	



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

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

\*\* 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 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									
Generic	100%			LIFE	* *			B	
Mat (scour & erosion)									
Earth	100%			LIFE	* *			B	
Stem (breastwall)									
Concrete	100%			LIFE	* *			B	
Walls									
Not Accessible	100%							D	
Wingwalls									
Footings									
Not Accessible	100%							D	
Piles									
Not Accessible	100%							D	
Walls									
Concrete	95%			LIFE	* *			C	
Concrete	5%	4+	\$9,300	LIFE	* *			C	
Broken/Missing Element, Extent : Light, Area Affected : 5%									
Location :									
Cracks, Extent : Light, Area Affected : 5%									
Location :									
Vegetation Growth, Extent : Moderate, Area Affected : 80%									
Location :									
Approaches									
Pavement									
Asphalt	100%			2022	\$128,700	4	\$3,300	C	
Concrete	100%			2030	* *	4	\$12,600	C	
Curbs									
Concrete	100%			LIFE	* *			A	
Embankment									
Generic	100%			LIFE	* *			C	
Guide Railing									
Steel	100%			LIFE	* *	2-8	\$2,400	A	
Sidewalks/Fascias									
Concrete	100%			LIFE	* *			C	
Piers									
Cap Beam									
Not Accessible	100%							D	
Pier,Columns									
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**  
**FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND**  
**Asset # : 2561**

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
Piers								
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	100%			2041	* *			A
Mono Deck Surface								
Concrete	100%			2041	* *	5	\$34,600	C
Railings/Parapets								
Concrete	100%			2030	* *	4	\$9,700	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random								
Explanation : 66% Of Component Is Concrete And 34% Of Component Is Steel								
Steel	100%			LIFE	* *	2-8	\$5,200	A
Sidewalks/Fascias								
Concrete	100%			2026	* *	5	\$3,100	C
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Joints								
Generic	100%	4+	\$5,900	LIFE	* *			C
Missing/Damaged Seal, Extent : Light, Area Affected : 5%								
Location : Throughout Structure								
Primary Member								
Not Accessible	100%							D
Secondary Member								
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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : FORT HAMILTON BRIDGE  
**Address** : FORT HAMILTON PARKWAY  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0162.000 / 13570 **Yr Built/Renovated** :  
**Area Sq Ft** : 14,800 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 04-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243620

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$2,789,000	\$94,000
<b>Total</b>	<b>\$2,789,000</b>	<b>\$94,000</b>
Priority A	\$2,570,600	
Priority B	\$148,600	
Priority C	\$69,800	\$94,000
<b>Total</b>	<b>\$2,789,000</b>	<b>\$94,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$32,600	\$9,600		\$5,800
<b>Total</b>	<b>\$32,600</b>	<b>\$9,600</b>		<b>\$5,800</b>
Priority A		\$4,300		
Priority C	\$32,600	\$5,300		\$5,800
<b>Total</b>	<b>\$32,600</b>	<b>\$9,600</b>		<b>\$5,800</b>



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

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

\*\* 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 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 Concrete	100%			LIFE	* *			A
Backwall Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads Elastomeric	100%			2048	* *			A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%	2-4	\$62,800	LIFE	* *			B
	Broken/Missing Element, Extent : Light, Area Affected : 10%							
	Location : Random							
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Stem (breastwall) Concrete	100%	4+	\$85,900	LIFE	* *			B
	Efflorescence, Extent : Light, Area Affected : 2%							
	Location : At Top Of Wall							
	Leakage, Extent : Light, Area Affected : 2%							
	Location : At Top Of Wall							
	Rust Stains, Extent : Light, Area Affected : 2%							
	Location : Throughout Below Box Beam 12 Thru 17							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : At Top Of Wall Below Box Beam 12 Thru 17							
	Other Observation, Extent : Moderate, Area Affected : 25%							
	Location : Random							
	Explanation : Graffiti On Wall Surface							
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	* *			C

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**  
**FORT HAMILTON BRIDGE**  
**Asset # : 13570**

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	100%	4+	\$18,800	2023	\$94,000	4	\$1,200	C
	Broken/Missing Element, Extent : Moderate, Area Affected : 10%							
	Location : Random							
	Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Approach Pavement Is 60 Percent Asphalt And 40 Percent Concrete							
Concrete	100%			2031	**	4	\$15,800	C
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Approach Pavement Is 40 Percent Concrete And 60 Percent Asphalt							
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	2-4	\$69,800	LIFE	**			C
	Settlement, Extent : Moderate, Area Affected : 20%							
	Location : Northwest Corner							
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2048	**			A
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	**			A
Mono Deck Surface								
Concrete	100%	4+	\$4,600	2042	**	5	\$17,200	C
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Southbound Roadway, Beginning Of Span 2							
Railings/Parapets								
Concrete	100%			2031	**	4	\$12,900	A
Sidewalks/Fascias								
Concrete	100%			2027	**	5	\$11,700	C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**FORT HAMILTON BRIDGE**  
**Asset # : 13570**

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								
Joints								
Generic	100%	2-4	\$9,300	LIFE	* *			C
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Joints</i>								
<i>Other Observation, Extent : Light, Area Affected : 33%</i>								
<i>Location : South Side</i>								
<i>Explanation : Joints On Pier South Side Only</i>								
Primary Member								
Concrete	100%	4+	\$2,570,600	LIFE	* *	5	\$30,700	A
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Box Beam 1 Near Begin Abutment</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Span 1, Box Beam 13</i>								
<i>Explanation : Prestressed Concrete. Underside Exhibits Moderate Scaling</i>								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : GRAND CONCOURSE BRIDGE  
**Address** : GRAND CONCOURSE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0158.000 / 13566 **Yr Built/Renovated** : 1906 / 2006  
**Area Sq Ft** : 16,100 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241409

**CAPITAL****Total**

Priority

**Total**

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$95,200		\$400	
<b>Total</b>	<b>\$95,200</b>		<b>\$400</b>	
Priority A	\$5,700		\$400	
Priority B	\$21,700			
Priority C	\$67,900			
<b>Total</b>	<b>\$95,200</b>		<b>\$400</b>	



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

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

\*\* 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 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									
Not Accessible	100%							D	
Footings									
Not Accessible	100%							D	
Joint with Deck									
Generic	100%	2-4	\$21,700	LIFE		* *		B	
Missing/Damaged Seal, Extent : Light, Area Affected : 15%									
Location : Random Throughout									
Mat (scour & erosion)									
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									
Pavement									
Concrete	100%	4+	\$24,100	2031		* *	4	\$39,000	C
Cracks, Extent : Light, Area Affected : 5%									
Location : Random Throughout									
Spalling, Extent : Light, Area Affected : 5%									
Location : Random									
Curbs									
Concrete w/ Steel Face	100%	4+	\$3,300	LIFE		* *			A
Spalling, Extent : Light, Area Affected : 1%									
Location : Southeast									
Embankment									
Earth	100%			LIFE		* *			C
Guide Railing									
Steel	100%			LIFE		* *	2-8	\$10,000	A
Pavement Base									
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**  
**GRAND CONCOURSE BRIDGE**  
**Asset # : 13566**

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								
Sidewalks/Fascias								
Concrete	100%	4+	\$14,200	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Median								
Concrete	100%	4+	\$2,400	LIFE	* *	5		A
Cracks, Extent : Light, Area Affected : 2%								
Location : Random								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$4,300	A
Sidewalks/Fascias								
Concrete	100%	4+	\$9,000	2027	* *	5	\$3,100	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Wearing Surface								
Concrete	100%	4+	\$20,600	2031	* *	5	\$28,200	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Primary Member								
Not Accessible	100%							D
Secondary Member								
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.



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$4,415,600	\$968,900
<b>Total</b>	<b>\$4,415,600</b>	<b>\$968,900</b>
Priority A	\$558,300	\$127,100
Priority B	\$3,627,800	\$803,300
Priority C	\$229,500	\$38,600
<b>Total</b>	<b>\$4,415,600</b>	<b>\$968,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$506,100		\$97,300	
<b>Total</b>	<b>\$506,100</b>		<b>\$97,300</b>	
Priority A	\$113,600		\$7,000	
Priority B	\$337,100		\$80,600	
Priority C	\$55,400		\$9,700	
<b>Total</b>	<b>\$506,100</b>		<b>\$97,300</b>	



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

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

*\*\* 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 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								
Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			B
Pedestals								
Steel	80%			LIFE	* *			A
Steel	20%	4+	\$25,300	LIFE	* *			A
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random								
Stem (breastwall)								
Concrete Encased Steel	100%	4+	\$488,900	LIFE	* *			B
Efflorescence, Extent : Light, Area Affected : 30%								
Location : Random								
Spalling, Extent : Light, Area Affected : 10%								
Location : Spalling At Interface With Pedestals								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			C
Piles								
Not Accessible	100%							D
Walls								
Concrete	80%			LIFE	* *			C
Concrete	20%	4+	\$132,100	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 20%								
Location : Random								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Approaches								
Pavement								
Asphalt	60%			2024	* *	4	\$19,400	C
Asphalt	40%	2-4	\$45,800	2024	* *	4	\$19,400	C
Cracks, Extent : Light, Area Affected : 25%								
Location : Random Along Wingwalls								
Settlement, Extent : Moderate, Area Affected : 40%								
Location : Random Along Wingwall Curbs								

Note : 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**  
**GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST**  
**Asset # : 2501**

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								
Curbs								
Concrete w/ Steel Face	80%			LIFE	**			A
Concrete w/ Steel Face	20%	4+	\$3,400	LIFE	**			A
Corrosion, Extent : Light, Area Affected : 25%								
Location : Random								
Guide Railing								
Concrete	80%			2032	**	4	\$13,200	A
Concrete	20%	2-4	\$4,800	2032	**	4	\$13,200	A
Spalling, Extent : Light, Area Affected : 10%								
Location : Spalls With Exposed Rebars								
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	80%			LIFE	**			C
Concrete	20%	4+	\$11,600	LIFE	**			C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Random								
Piers								
Pier,Columns								
Steel	70%			LIFE	**	2-8	\$1,895,100	B
Steel	30%	4+	\$2,383,800	LIFE	**	2-8	\$1,156,400	B
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Random								
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Random								
Stem,Solid Pier								
Concrete	70%			LIFE	**			B
Concrete	30%	4+	\$353,400	LIFE	**			B
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	**			A
Deck Elements								
Curbs								
Concrete w/ Steel Face	90%			LIFE	**			A
Concrete w/ Steel Face	10%	Now	\$1,200	LIFE	**			A
Broken/Missing Element, Extent : Moderate, Area Affected : 10%								
Location : West And East Sidewalk								
Gratings								
Steel	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.

Maintenance \$ are aggregated over a ten-year period. Site 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 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	\$2,800	A
Concrete	20%	4+	\$13,000	LIFE	**	5	\$1,400	A
Cracks, Extent : Light, Area Affected : 20%								
Location : Random								
Railings/Parapets								
Concrete	100%			2032	**	4	\$600	A
Steel	100%			LIFE	**	2-8	\$2,600	A
Sidewalks/Fascias								
Concrete	70%			2028	**	5	\$5,000	C
Concrete	30%	Now	\$51,600	2028	**	5	\$2,500	C
Exposed Reinforcement, Extent : Severe, Area Affected : 60%								
Location : West Sidewalk								
Spalling, Extent : Severe, Area Affected : 60%								
Location : West Sidewalk								
Wearing Surface								
Asphalt	70%			2024	**	5	\$38,600	C
Asphalt	30%	4+	\$24,500	2024	**	5	\$19,300	C
Cracks, Extent : Light, Area Affected : 20%								
Location : Random								
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Random Near Curbs								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random								
Superstructure								
Deck,Structural								
Concrete	80%			LIFE	**	5	\$68,600	A
Concrete	20%	4+	\$247,900	LIFE	**	5	\$34,300	A
Cracks, Extent : Light, Area Affected : 20%								
Location : Random								
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random								
Efflorescence, Extent : Light, Area Affected : 40%								
Location : Random								
Spalling, Extent : Light, Area Affected : 20%								
Location : Random								
Primary Member								
Concrete Encased Steel	80%			LIFE	**	5	\$58,400	A
Concrete Encased Steel	20%	4+	\$310,400	LIFE	**	5	\$29,200	A
Efflorescence, Extent : Light, Area Affected : 20%								
Location : 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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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  
**Program / Asset #** : DOT0135.000 / 4215 **Yr Built/Renovated** : 1931 / 2008  
**Area Sq Ft** : 24,075 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2242259

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$805,300	\$471,200
<b>Total</b>	<b>\$805,300</b>	<b>\$471,200</b>
Priority A	\$207,700	\$207,700
Priority B	\$541,900	\$207,700
Priority C	\$55,800	\$55,800
<b>Total</b>	<b>\$805,300</b>	<b>\$471,200</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$159,700	\$1,100	\$92,900	
<b>Total</b>	<b>\$159,700</b>	<b>\$1,100</b>	<b>\$92,900</b>	
Priority A	\$104,200		\$28,300	
Priority B	\$37,800		\$20,800	
Priority C	\$17,700	\$1,100	\$43,700	
<b>Total</b>	<b>\$159,700</b>	<b>\$1,100</b>	<b>\$92,900</b>	



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

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

\*\* 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 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									
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	100%			LIFE	**			B	
Mat (scour & erosion)									
Generic	100%			LIFE	**			B	
Pedestals									
Concrete	100%			LIFE	**			A	
Stem (breastwall)									
Concrete	10%	4+	\$334,200	LIFE	**			B	
Cracks, Extent : Severe, Area Affected : 30%									
Location : Random									
Efflorescence, Extent : Moderate, Area Affected : 20%									
Location : Random									
Concrete	90%			LIFE	**			B	
Wingwalls									
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Generic	100%			LIFE	**			C	
Piles									
Not Accessible	100%							D	
Walls									
Concrete	100%			LIFE	**			C	
Other Observation, Extent : Light, Area Affected : 2%									
Location : Northwest Wingwall									
Explanation : Water Stains									
Approaches									
Pavement									
Asphalt	100%			2027	**	4	\$3,200	C	
Concrete	90%			2036	**	4	\$74,200	C	
Concrete	10%	4+	\$17,700	2036	**	4	\$74,200	C	
Cracks, Extent : Moderate, Area Affected : 20%									
Location : Random									
Curbs									
Concrete w/ Steel Face	100%			LIFE	**			A	
Pavement Base									
Not Accessible	100%							D	
Sidewalks/Fascias									
Concrete	100%			LIFE	**			C	

**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**  
**GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.**  
**Asset # : 4215**

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								
Granite	100%			LIFE	**			A
Gratings								
Steel	100%			LIFE	**			A
Median								
Concrete	100%			LIFE	**	5		A
Granite	100%			LIFE	**			A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lou Gehrig Plaza								
Explanation : Pavers And Planter Boxes Throughout Plaza								
Mono Deck Surface								
Concrete	100%			2049	**	5	\$111,500	C
Railings/Parapets								
Concrete	100%			2036	**	4	\$13,700	A
Steel	100%			LIFE	**	2-8	\$30,600	A
Sidewalks/Fascias								
Concrete	100%			2031	**	5	\$13,300	C
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sidewalks At Fasciae								
Explanation : Concrete Sidewalks At Each Fascia								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$46,200	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Precast Concrete Deck								
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$665,000	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$570,500	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$445,000	\$39,900
<b>Total</b>	<b>\$445,000</b>	<b>\$39,900</b>
Priority A	\$405,100	
Priority B	\$39,900	\$39,900
<b>Total</b>	<b>\$445,000</b>	<b>\$39,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$102,600		\$10,100	
<b>Total</b>	<b>\$102,600</b>		<b>\$10,100</b>	
Priority A	\$33,800		\$2,700	
Priority B	\$51,300		\$4,000	
Priority C	\$17,500		\$3,300	
<b>Total</b>	<b>\$102,600</b>		<b>\$10,100</b>	



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

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

*\*\* 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 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	80%			LIFE		* *		C
Concrete	20%	4+	\$6,100	LIFE		* *		C
Cracks, Extent : Light, Area Affected : 2%								
Location : Random								
Delaminations, Extent : Light, Area Affected : 3%								
Location : Northwest Corner								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random								
Leakage, Extent : Light, Area Affected : 2%								
Location : Random								
Spalling, Extent : Light, Area Affected : 5%								
Location : Northwest Corner								
Other Observation, Extent : Light, Area Affected : 4%								
Location : Southeast Corner								
Explanation : Vegetation Growth								
Brngs,Ancr Blts,Pads								
Elastomeric	100%	4+	\$9,900	2043		* *		A
Corrosion, Extent : Light, Area Affected : 2%								
Location : Random								
Rust Stains, Extent : Light, Area Affected : 4%								
Location : Random								
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE		* *		B
Mat (scour & erosion)								
Generic	100%			LIFE		* *		B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Granite Rock Paved Over								
Pedestals								
Concrete	100%			LIFE		* *		A
Stem (breastwall)								
Concrete	100%			LIFE		* *		B
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C
Piles								
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**  
**GUY R. BREWER BLVD BRIDGE**  
**Asset # : 13668**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Walls								
Concrete	100%			LIFE	* *			C
	<i>Vegetation Growth, Extent : Severe, Area Affected : 75%</i>							
	<i>Location : Throughout</i>							
Approaches								
Pavement								
Asphalt	100%	4+	\$2,900	2024	* *	4	\$3,100	C
	<i>Cracks, Extent : Light, Area Affected : 4%</i>							
	<i>Location : Random</i>							
Concrete	100%			2032	* *	4	\$6,700	C
	<i>Cracks, Extent : Light, Area Affected : 6%</i>							
	<i>Location : Random</i>							
	<i>Spalling, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random</i>							
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,000	LIFE	* *			A
	<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random</i>							
	<i>Rust Stains, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random</i>							
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Steel	100%	4+	\$1,900	LIFE	* *	2-8	\$4,800	A
	<i>Damaged Railing, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random</i>							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	4+	\$2,800	LIFE	* *			C
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random</i>							
Piers								
Pier,Columns								
Steel	100%			LIFE	* *	2-8	\$188,400	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Bottom Of Steel Column</i>							
	<i>Explanation : The Condition Of Base Plate Is Recorded With The Column</i>							
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B

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

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

\*\* 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 Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers								
Brngs,Ancr Blts,Pads Elastomeric	100%	4+	\$14,900	2043	* *			A
	Rust Stains, Extent : Light, Area Affected : 2% Location : Random							
Footings Not Accessible	100%							D
Mat (scour & erosion) Generic	100%			LIFE	* *			A
Pedestals Concrete	100%			LIFE	* *			B
Piles Not Accessible	100%							D
Deck Elements								
Curbs Concrete w/ Steel Face	100%	4+	\$2,000	LIFE	* *			A
	Rust Stains, Extent : Moderate, Area Affected : 20% Location : Throughout							
Mono Deck Surface Concrete	100%			2043	* *	5	\$15,900	C
	Cracks, Extent : Light, Area Affected : 4% Location : Random Spalling, Extent : Light, Area Affected : 2% Location : Random							
Railings/Parapets Concrete	100%			2032	* *	4	\$4,800	A
	Cracks, Extent : Light, Area Affected : 4% Location : Random Other Observation, Extent : Light, Area Affected : 2% Location : Random Explanation : Vegetation Growth							
Steel	100%			LIFE	* *	2-8	\$10,600	A
Sidewalks/Fascias Concrete	100%	4+	\$5,700	2028	* *	5	\$3,100	C
	Cracks, Extent : Light, Area Affected : 4% Location : Random							
Superstructure								
Deck,Structural Concrete	100%			LIFE	* *	5		A
	Other Observation, Extent : Light, Area Affected : 100% Location : Bottom Of The Deck Explanation : Stay In Place Is In Good Condition							
Joints Steel	100%			LIFE	* *			C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**GUY R. BREWER BLVD BRIDGE**  
**Asset # : 13668**

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	15%	4+	\$405,100	LIFE	* *	2-8		A
	<i>Rust Stains, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random</i>							
Steel	85%			LIFE	* *	2-8		A
Secondary Member								
Steel	100%	4+	\$17,800	LIFE	* *	2-8		B
	<i>Rust Stains, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random</i>							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 11-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2233059

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$3,647,200	\$2,201,300
<b>Total</b>	<b>\$3,647,200</b>	<b>\$2,201,300</b>
Priority A	\$3,041,600	\$724,900
Priority B	\$128,600	\$414,000
Priority C	\$477,000	\$1,062,500
<b>Total</b>	<b>\$3,647,200</b>	<b>\$2,201,300</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$31,300	\$6,000	\$109,100	\$2,000
<b>Total</b>	<b>\$31,300</b>	<b>\$6,000</b>	<b>\$109,100</b>	<b>\$2,000</b>
Priority A	\$14,900	\$2,300	\$66,200	
Priority B	\$9,300		\$42,900	
Priority C	\$7,100	\$3,600		\$2,000
<b>Total</b>	<b>\$31,300</b>	<b>\$6,000</b>	<b>\$109,100</b>	<b>\$2,000</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.**  
**Asset # : 2473**

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									
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	25%			LIFE		* *		B	
Generic	75%	0-2	\$128,600	LIFE		* *		B	
Other Observation, Extent : Severe, Area Affected : 60%									
Location : Both Abutment									
Explanation : Leakage, Paved Over Partial									
Mat (scour & erosion)									
Earth	100%			LIFE		* *		B	
Stem (breastwall)									
Concrete	100%			LIFE		* *		B	
Other Observation, Extent : Light, Area Affected : 0%									
Location :									
Explanation : Not Accessible									
Wingwalls									
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%			LIFE		* *		C	
Piles									
Not Accessible	100%							D	
Walls									
Brick Veneer	100%	Now	\$7,100	LIFE		* *		C	
Other Observation, Extent : Severe, Area Affected : 50%									
Location : Curb And Railing Anchorage									
Explanation : Broken And Missing Elements Of Brick Facing									
Concrete	100%			LIFE		* *		C	
Approaches									
Pavement									
Asphalt	25%			2023	\$120,300	4	\$10,900	C	
Asphalt	75%	2-4	\$180,400	2020	\$360,900	4	\$7,300	C	
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Settlement, Extent : Light, Area Affected : 10%									
Location :									

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

Maintenance \$ are aggregated over a ten-year period. Site 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 DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.**  
**Asset # : 2473**

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								
Curbs								
Concrete w/ Steel Face	20%	Now	\$2,700	LIFE	* *			A
	Broken/Missing Element, Extent : Severe, Area Affected : 10%							
	Location : Median							
	Corrosion, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Concrete w/ Steel Face	80%			LIFE	* *			A
Guide Railing								
Concrete	100%			2031	* *	4	\$7,000	A
Steel	20%	2-4	\$2,100	LIFE	* *	2-8	\$4,800	A
	Corrosion, Extent : Moderate, Area Affected : 20%							
	Location : At bottom of railing							
Steel	80%			LIFE	* *	2-8	\$4,800	A
Pavement Base								
Not Accessible	100%							D
Piers								
Cap Beam								
Steel	20%	4+	\$45,400	LIFE	* *	2-8	\$157,300	A
	Corrosion, Extent : Moderate, Area Affected : 20%							
	Location : Midspan Bottom Flange And Web							
Steel	80%			LIFE	* *	2-8	\$157,300	A
Pier,Columns								
Steel	100%			LIFE	* *	2-8	\$39,200	B
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
Brngs,Ancr Blts,Pads								
Steel	20%	4+	\$483,900	LIFE	* *	2-8	\$19,500	A
	Corrosion, Extent : Moderate, Area Affected : 30%							
	Location : Span 2							
Steel	80%			LIFE	* *	2-8	\$19,500	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : At Pier							
	Explanation : Earth And Paved							
Pedestals								
Steel	10%	4+	\$9,300	LIFE	* *			B
	Corrosion, Extent : Moderate, Area Affected : 100%							
	Location :							
Steel	90%			LIFE	* *			B
Deck Elements								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.**  
**Asset # : 2473**

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	20%	4+	\$10,000	LIFE	* *			A
Other Observation, Extent : Moderate, Area Affected : 10%								
Location :								
Explanation : Displaced Segment.								
Concrete w/ Steel Face	80%			LIFE	* *			A
Median								
Concrete	20%	Now	\$77,000	LIFE	* *	5	\$10,900	A
Broken/Missing Element, Extent : Severe, Area Affected : 100%								
Location : Near The Begin Abutment								
Exposed Reinforcement, Extent : Moderate, Area Affected : 100%								
Location : Near The Begin Abutment								
Spalling, Extent : Moderate, Area Affected : 100%								
Location :								
Concrete	80%			LIFE	* *	5	\$10,900	A
Railings/Parapets								
Steel	100%	4+	\$37,700	LIFE	* *	2-8	\$23,300	A
Corrosion, Extent : Moderate, Area Affected : 5%								
Location : At Base								
Sidewalks/Fascias								
Concrete	70%			2027	* *	5	\$3,900	C
Concrete	30%	0-2	\$38,000	2027	* *	5	\$2,000	C
Spalling, Extent : Severe, Area Affected : 50%								
Location : Span 1 To 4 And 9 To 11								
Wearing Surface								
Asphalt	75%	2-4	\$218,000	2023	\$436,000	5	\$24,300	C
Cracks, Extent : Moderate, Area Affected : 50%								
Location :								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location :								
Explanation : Patches And Bulges								
Asphalt	25%			2023	\$145,300	5	\$48,600	C
Superstructure								
Deck,Structural								
Concrete	40%	Now	\$986,500	LIFE	* *	5	\$46,000	A
Cracks, Extent : Severe, Area Affected : 50%								
Location : At Span 10 Near Pier 10								
Spalling, Extent : Moderate, Area Affected : 20%								
Location :								
Concrete	60%			LIFE	* *	5	\$46,000	A
Joints								
Generic	100%	0-2	\$40,600	LIFE	* *			C
Leakage, Extent : Severe, Area Affected : 50%								
Location : Random								
Spalling, Extent : Severe, Area Affected : 50%								
Location : All Joints								

Note : 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 DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.**  
**Asset # : 2473**

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	10%	2-4	\$1,411,100	LIFE	* *	2-8	\$463,900	A
		<i>Corrosion, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Random</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : Span8</i>						
		<i>Explanation : Holes In The Web Of Fascia Stringers At Span 8</i>						
Steel	90%			LIFE	* *	2-8	\$463,900	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$647,700	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$47,470,700	\$3,269,700
<b>Total</b>	<b>\$47,470,700</b>	<b>\$3,269,700</b>
Priority A	\$27,922,500	\$1,447,100
Priority B	\$18,405,100	\$1,711,700
Priority C	\$1,143,100	\$110,900
<b>Total</b>	<b>\$47,470,700</b>	<b>\$3,269,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$203,300		\$60,800	
<b>Total</b>	<b>\$203,300</b>		<b>\$60,800</b>	
Priority A	\$180,600		\$58,000	
Priority B	\$22,700			
Priority C			\$2,800	
<b>Total</b>	<b>\$203,300</b>		<b>\$60,800</b>	



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

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

\*\* 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		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Abutments								
Backwall								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	40%			LIFE		* *		B
Generic	60%	Now	\$55,300	LIFE		* *		B
Corrosion, Extent : Severe, Area Affected : 60%								
Location : Beginning Abutment								
Leakage, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Joint Is Paved Over For Entire Length. Observations As Per Nysdot Inspection Report								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : As Per Nysdot Inspection Report								
Stem (breastwall)								
Concrete	50%			LIFE		* *		B
Concrete	50%	2-4	\$186,300	LIFE		* *		B
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 : Random Per Biennial Inspection								
Spalling, Extent : Severe, Area Affected : 40%								
Location : Random Per Biennial Inspection								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%	4+	\$158,800	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%								
Location : Spans 8, 9, 12 Thru 14 Curtain Wall Per Biennial Inspection								

Note : 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**

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	80%			2024	* *	4	\$5,500	C
Asphalt	20%	4+	\$35,300	2024	* *	4	\$5,500	C
Recent Replace Evident, Extent : Light, Area Affected : 40%								
Location : At Beginning Approach								
Settlement, Extent : Moderate, Area Affected : 20%								
Location : At Beginning Approach								
Curbs								
Concrete	15%	4+	\$600	LIFE	* *			A
Cracks, Extent : Light, Area Affected : 10%								
Location : Span 50								
Concrete	85%			LIFE	* *			A
Concrete w/ Steel Face	75%			LIFE	* *			A
Concrete w/ Steel Face	25%	4+	\$400	LIFE	* *			A
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random								
Guide Railing								
Concrete	40%			2032	* *	4	\$4,200	A
Concrete	60%	0-2	\$29,800	2032	* *	4	\$4,200	A
Broken/Missing Element, Extent : Severe, Area Affected : 60%								
Location : Heavily Spalled								
Pavement Base								
Not Accessible	100%							D
Piers								
Cap Beam								
Concrete	80%			LIFE	* *			A
Concrete	20%	4+	\$933,400	LIFE	* *			A
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Random								
Concrete Encased Steel	85%			LIFE	* *	5	\$62,300	A
Concrete Encased Steel	15%	4+	\$277,800	LIFE	* *	5	\$31,200	A
Corrosion, Extent : Moderate, Area Affected : 25%								
Location : Random								
Pier,Columns								
Concrete	50%			LIFE	* *			B
Concrete	35%	2-4	\$6,940,700	LIFE	* *			B
Cracks, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Concrete	15%	Now	\$4,957,600	LIFE	* *			B
Delaminations, Extent : Severe, Area Affected : 40%								
Location : Spans 1 To 11								
Spalling, Extent : Severe, Area Affected : 40%								
Location : Spans 1 To 11								
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**

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
Piers								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	80%			LIFE	**			A
Earth	20%	2-4	\$47,100	LIFE	**			A
Erosion, Extent : Moderate, Area Affected : 25%								
Location : Exposed Footing Area And Water Ponding Along Wall								
Pedestals								
Concrete	80%			LIFE	**			B
Concrete	20%	4+	\$22,700	LIFE	**			B
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Spans 10-11, 14-15, 18-19, 21-24 Per Biennial Insp Report								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$142,000	LIFE	**			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%								
Location : Random On West Side								
Median								
Concrete	80%			LIFE	**	5	\$37,000	A
Concrete	20%	4+	\$161,000	LIFE	**	5	\$18,500	A
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Steel	100%			LIFE	**	4-8	\$155,500	A
Railings/Parapets								
Concrete	80%			2032	**	4	\$38,500	A
Concrete	20%	0-2	\$232,800	2032	**	4	\$38,500	A
Exposed Reinforcement, Extent : Severe, Area Affected : 30%								
Location : Random								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Random								
Sidewalks/Fascias								
Concrete	70%			2028	**	5	\$65,800	C
Concrete	30%	2-4	\$365,600	2028	**	5	\$32,900	C
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random								
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : 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**  
**HARLEM RIVER DRIVE RAMP BRIDGE H.D.R. NB (RAMP)/HARLEM RIVER DR**  
**Asset # : 2509**

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								
Wearing Surface								
Asphalt	70%			2024	* *	5	\$110,900	C
Asphalt	30%	4+	\$76,700	2024	* *	5	\$55,500	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random								
Explanation : Rutting								
Superstructure								
Deck,Structural								
Concrete	25%			LIFE	* *	5	\$203,300	A
Concrete	75%	2-4	\$11,660,900	LIFE	* *	5	\$101,600	A
Broken,Missing Pave, Extent : Light, Area Affected : 10%								
Location : Span 17, Mid-span, Right Of S1 And Directly Under Roadway Span 19 Thru 2, 22 Thru 24								
Exposed Reinforcement, Extent : Severe, Area Affected : 40%								
Location : Span 19 Thru 2, 22 Thru 24								
Loss of Section, Extent : Light, Area Affected : 10%								
Location : Span 17, Netting Is Overloaded Due To Fallen Conc. Chunk								
Spalling, Extent : Severe, Area Affected : 60%								
Location : Span 19 Thru 2, 22 Thru 24								
Joints								
Generic	25%			LIFE	* *			C
Generic	75%	Now	\$451,300	LIFE	* *			C
Leakage, Extent : Severe, Area Affected : 60%								
Location : Most Of The Joints								
Other Observation, Extent : Severe, Area Affected : 60%								
Location : Most Of The Joints								
Explanation : Paved Over								
Primary Member								
Concrete	60%			LIFE	* *	5	\$760,000	A
Concrete	40%	2-4	\$8,789,900	LIFE	* *	5	\$380,000	A
Exposed Reinforcement, Extent : Severe, Area Affected : 30%								
Location : Various, Throughout Arches								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Various, Throughout Arches								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random								
Explanation : Vegetation Growth								
Steel	75%			LIFE	* *	2-8	\$585,200	A
Steel	25%	4+	\$4,994,400	LIFE	* *	2-8	\$341,400	A
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Section Loss At Various Locations In Span 11 To 24 Per Biennial Insp Report								
Loss of Section, Extent : Moderate, Area Affected : 20%								
Location : Stringer S3 In Span 19, Sringer S1 In Span 17, Floor Beam In Span 14 Span 19 Thru 2, 22 Thru 24 Per Biennial Insp Report								

Note : 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**

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								
Secondary Member								
Concrete	75%			LIFE	* *	5	\$1,711,700	B
Concrete	25%	4+	\$5,409,300	LIFE	* *	5	\$855,800	B
<i>Spalling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Knee Braces Based On Nysdot Inspection</i>								

*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$65,638,300	\$16,455,700
<b>Total</b>	<b>\$65,638,300</b>	<b>\$16,455,700</b>
Priority A	\$49,356,400	\$10,971,200
Priority B	\$16,023,800	\$5,331,400
Priority C	\$258,100	\$153,200
<b>Total</b>	<b>\$65,638,300</b>	<b>\$16,455,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$3,011,400		\$1,427,300	
<b>Total</b>	<b>\$3,011,400</b>		<b>\$1,427,300</b>	
Priority A	\$1,983,600		\$888,500	
Priority B	\$1,000,500		\$534,700	
Priority C	\$27,300		\$4,100	
<b>Total</b>	<b>\$3,011,400</b>		<b>\$1,427,300</b>	



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

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

*\*\* 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 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
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Abutment							
	Explanation : Spans Over Railroad Tracks Were Not Accessible							
Backwall								
Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Abutment							
	Explanation : Spans Over Railroad Tracks Were Not Accessible							
Brngs,Ancr Blts,Pads								
Steel	75%			LIFE		* *		A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report.							
Steel	25%	4+	\$139,600	LIFE		* *		A
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report							
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Stem (breastwall)								
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	75%			2024		* *	4	C
Asphalt	25%	2-4	\$27,300	2024		* *	4	C
	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Explanation : Wearing, Rutting							
Concrete	100%			2032		* *	4	C
Curbs								
Concrete	100%			LIFE		* *		A
Granite	100%			LIFE		* *		A
Embankment								
Earth	100%			LIFE		* *		C
	Other Observation, Extent : Light, Area Affected : 25%							
	Location : Northwest Corner							
	Explanation : Embankment At Northwest Corner							

Note : 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**  
**HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST**  
**Asset # : 2444**

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									
Guide Railing									
Concrete	80%			2032	* *	4	\$4,700	A	
Concrete	20%	4+	\$3,800	2032	* *	4	\$4,700	A	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random									
Delaminations, Extent : Light, Area Affected : 10%									
Location : Random									
Other Observation, Extent : Light, Area Affected : 10%									
Location : Random									
Explanation : Scaling, Spalls With Exposed Rebars									
Steel	100%			LIFE	* *	2-8	\$7,600	A	
Mat (scour & erosion)									
Earth	100%			LIFE	* *			A	
Pavement Base									
Not Accessible	100%							D	
Piers									
Cap Beam									
Steel	90%			LIFE	* *	2-8	\$9,140,500	A	
Other Observation, Extent : Light, Area Affected : 95%									
Location : Spans 8-145									
Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report									
Steel	10%	4+	\$1,575,700	LIFE	* *	2-8	\$5,464,000	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 Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report									
Pier,Columns									
Steel	90%			LIFE	* *	2-8	\$3,698,600	B	
Other Observation, Extent : Light, Area Affected : 95%									
Location : Spans 8-145									
Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report									
Steel	10%	4+	\$1,750,700	LIFE	* *	2-8	\$2,256,800	B	
Corrosion, Extent : Light, Area Affected : 10%									
Location : Pack Rust Between Column Members									
Loss of Section, Extent : Moderate, Area Affected : 20%									
Location : Spans 8-145									
Rust Stains, Extent : Moderate, Area Affected : 20%									
Location : Random									
Other Observation, Extent : Light, Area Affected : 95%									
Location : Throughout									
Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report									

Note : 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**  
**HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST**  
**Asset # : 2444**

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
Piers								
Stem,Solid Pier Concrete	60%			LIFE		* *		B
Other Observation, Extent : Light, Area Affected : 95%								
Location : Spans 8-145								
Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report								
Concrete	40%	4+	\$8,858,500	LIFE		* *		B
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Random								
Other Observation, Extent : Severe, Area Affected : 95%								
Location : Spans 8-145								
Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report								
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE		* *		A
Pedestals Concrete	90%			LIFE		* *		B
Concrete	10%	4+	\$212,700	LIFE		* *		B
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 95%								
Location : Spans 8-145								
Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report								
Steel	95%			LIFE		* *		B
Other Observation, Extent : Light, Area Affected : 95%								
Location : Spans 8-145								
Explanation : Spans Over Railroad Tracks Were Not Accessible								
Steel	5%	4+	\$1,060,500	LIFE		* *		B
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 95%								
Location : Spans 8-145								
Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report								

**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**  
**HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST**  
**Asset # : 2444**

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									
	Gratings								
	Steel	60%			LIFE	**			A
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Random							
		Explanation : Area Repaired With Wood							
	Steel	40%	0-2	\$2,500	LIFE	**			A
		Corrosion, Extent : Moderate, Area Affected : 20%							
		Location : Random							
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Random							
		Explanation : Clogged Condition							
Median									
	Concrete	90%			LIFE	**	5	\$84,000	A
	Concrete	10%	2-4	\$73,700	LIFE	**	5	\$42,000	A
		Cracks, Extent : Light, Area Affected : 10%							
		Location : Random							
		Exposed Reinforcement, Extent : Moderate, Area Affected : 10%							
		Location :							
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Random							
	Steel Grating	90%			LIFE	**	4-8	\$118,700	A
	Steel Grating	10%	0-2	\$14,500	LIFE	**	4-8	\$68,700	A
		Loose Elements, Extent : Moderate, Area Affected : 20%							
		Location : Random							
Railings/Parapets									
	Concrete	80%			2032	**	4	\$69,000	A
	Concrete	20%	2-4	\$289,200	2032	**	4	\$69,000	A
		Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Random							
		Exposed Reinforcement, Extent : Moderate, Area Affected : 20%							
		Location : Random							
		Spalling, Extent : Moderate, Area Affected : 20%							
		Location : Random							
Wearing Surface									
	Asphalt	90%			2024	**	5	\$153,200	C
	Asphalt	10%	4+	\$36,700	2024	**	5	\$76,600	C
		Cracks, Extent : Moderate, Area Affected : 20%							
		Location : Random							
		Other Observation, Extent : Moderate, Area Affected : 20%							
		Location : Random							
		Explanation : Wearing, Rutting							

## Superstructure

Note : 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**  
**HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST**  
**Asset # : 2444**

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								
Deck,Structural Concrete	85%			LIFE	* *	5	\$418,500	A
	Other Observation, Extent : Light, Area Affected : 95%							
	Location : Spans 8-145							
	Explanation : Spans Over Railroad Tracks Were Not Accessible							
Concrete	15%	4+	\$68,300	LIFE	* *	5	\$209,300	A
	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Corrosion, Extent : Light, Area Affected : 2%							
	Location : Minor Corrosion To Sip Forms At Southern Spans							
	Efflorescence, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Spalling, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 90%							
	Location : Spans 8-145							
	Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report							
Joints								
Generic	75%			LIFE	* *			C
Generic	25%	0-2	\$144,800	LIFE	* *			C
	Broken/Missing Element, Extent : Light, Area Affected : 10%							
	Location : Random							
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : Random							
	Explanation : Joints Are Paved Over With Asphalt							
Primary Member								
Concrete Encased Steel	85%			LIFE	* *	5	\$1,916,200	A
	Other Observation, Extent : Light, Area Affected : 95%							
	Location : Spans 8-145							
	Explanation : Spans Over Railroad Tracks Were Not Accessible							
Concrete Encased Steel	15%	4+	\$2,780,500	LIFE	* *	5	\$958,100	A
	Cracks, Extent : Severe, Area Affected : 30%							
	Location : Random							
	Spalling, Extent : Moderate, Area Affected : 20%							
	Location : Random							
Steel	90%			LIFE	* *	2-8	\$6,024,700	A
	Other Observation, Extent : Light, Area Affected : 95%							
	Location : Spans 8-145							
	Explanation : Spans Over Railroad Tracks Were Not Accessible							
Steel	10%	4+	\$38,943,900	LIFE	* *	2-8	\$3,515,000	A
	Loss of Section, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Rust Stains, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST**  
**Asset # : 2444**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Secondary Member								
Steel	90%			LIFE	* *	2-8	\$5,168,900	B
	<i>Other Observation, Extent : Light, Area Affected : 95%</i>							
	<i>Location : Spans 8-145</i>							
	<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>							
Steel	10%	4+	\$1,475,700	LIFE	* *	2-8	\$2,944,500	B
	<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
	<i>Loss of Section, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
	<i>Rust Stains, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Random</i>							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :  
**Area Sq Ft** : 140,000 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2229349

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$5,821,800	\$4,615,100
<b>Total</b>	<b>\$5,821,800</b>	<b>\$4,615,100</b>
Priority A	\$4,959,800	\$2,866,300
Priority B	\$468,300	\$1,378,500
Priority C	\$393,700	\$370,200
<b>Total</b>	<b>\$5,821,800</b>	<b>\$4,615,100</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$44,500		\$420,100	
<b>Total</b>	<b>\$44,500</b>		<b>\$420,100</b>	
Priority A	\$1,200		\$275,200	
Priority B	\$17,400		\$138,300	
Priority C	\$25,800		\$6,600	
<b>Total</b>	<b>\$44,500</b>		<b>\$420,100</b>	



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

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

\*\* 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		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 Steel	100%			LIFE	**			A
Other Observation, Extent : Light, Area Affected : 100% Location : Begin And End Abutment Explanation : Begin And End Abutment Not Accessible								
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	**			B
Mat (scour & erosion) Earth	100%			LIFE	**			B
Stem (breastwall) Concrete	100%	4+	\$74,600	LIFE	**			B
Cracks, Extent : Light, Area Affected : 2% Location : Both Abutments								
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	**			C
Piles Not Accessible	100%							D
Walls Concrete	100%	4+	\$45,400	LIFE	**			C
Cracks, Extent : Light, Area Affected : 2% Location : Both Abutments Exposed Reinforcement, Extent : Light, Area Affected : 2% Location : End Left Wingwall Spalling, Extent : Light, Area Affected : 2% Location : End Left Wingwall Other Observation, Extent : Moderate, Area Affected : 20% Location : Throughout All Wingwalls Explanation : Missing Mortar Between And Underneath Granite Coping Stones								
Approaches								
Pavement Asphalt	100%	4+	\$9,400	2025	**	4	\$8,000	C
Cracks, Extent : Light, Area Affected : 2% Location : Both Approaches								
Concrete	100%			2030	**	4		C
Embankment Generic	100%			LIFE	**			C

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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST**  
**Asset # : 2820**

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								
Guide Railing Concrete	100%			2030	* *	4	\$3,500	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : End Approach							
	Explanation : Concrete Barrier							
Steel	100%			LIFE	* *	2-8	\$3,600	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Begin Approach Left Side							
	Explanation : Steel Guide Rail And Concrete Barrier							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Piers								
Cap Beam Steel	100%	4+	\$279,300	LIFE	* *	2-8	\$1,093,400	A
	Corrosion, Extent : Light, Area Affected : 1%							
	Location : Ends Of Cap Beam Cantilevers							
Pier,Columns Steel	100%			LIFE	* *	2-8	\$705,000	B
Brngs,Ancr Blts,Pads Steel	100%			LIFE	* *	2-8	\$7,100	A
Footings Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals Concrete	100%	4+	\$17,400	LIFE	* *			B
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Top Of Concrete Pedestal							
	Spalling, Extent : Light, Area Affected : 1%							
	Location : Top Of Concrete							
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : All Location							
	Explanation : Concrete Pedestal At Base Of Steel Columns. Perimenter Covered With Steel Plate.							
Steel	100%			LIFE	* *			B
Deck Elements								
Median Concrete	100%			LIFE	* *	5	\$26,200	A
Mono Deck Surface Concrete	100%			2041	* *	5	\$608,600	C
Railings/Parapets Concrete	100%	4+	\$83,200	2034	* *	4	\$44,800	A
	Loss of Section, Extent : Light, Area Affected : 2%							
	Location : West Fascia At Bottom Lightpole Blisters							

Note : 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**  
**HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST**  
**Asset # : 2820**

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								
Sidewalks/Fascias								
Steel	100%	4+	\$16,400	2047	* *	2-8	\$125,300	C
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Throughout							
	Loss of Section, Extent : Light, Area Affected : 2%							
	Location : West Fascia							
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$4,026,800	LIFE	* *	5	\$126,100	A
	Cracks, Extent : Light, Area Affected : 20%							
	Location : Throughout							
	Efflorescence, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
Joints								
Generic	100%	4+	\$44,000	LIFE	* *			C
	Broken/Missing Element, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Leakage, Extent : Moderate, Area Affected : 20%							
	Location : Random							
Primary Member								
Steel	5%	4+	\$570,500	LIFE	* *	2-8	\$2,117,500	A
	Corrosion, Extent : Light, Area Affected : 2%							
	Location : Adjacent To Deck Joints							
Steel	95%			LIFE	* *	2-8	\$2,117,500	A
Secondary Member								
Steel	100%	4+	\$393,800	LIFE	* *	2-8	\$1,773,800	B
	Loss of Section, Extent : Light, Area Affected : 1%							
	Location : Loss Of Sections At End Of Overhang Brackets							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 14-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2267250

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$87,100	\$236,700
<b>Total</b>	<b>\$87,100</b>	<b>\$236,700</b>
Priority A	\$49,700	\$108,500
Priority C	\$37,300	\$128,200
<b>Total</b>	<b>\$87,100</b>	<b>\$236,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$72,200		\$1,200	
<b>Total</b>	<b>\$72,200</b>		<b>\$1,200</b>	
Priority A	\$32,200		\$100	
Priority C	\$40,000		\$1,100	
<b>Total</b>	<b>\$72,200</b>		<b>\$1,200</b>	



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE**  
**Asset # : 2510**

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 Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Backwall Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Brngs,Ancr Blts,Pads Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Footings Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Joint with Deck Generic	100%			LIFE		* *		B
Mat (scour & erosion) Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Pedestals Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Stem (breastwall) Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Approaches								
Pavement Concrete	100%	4+	\$37,300	2030		* *	4	\$27,700 C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random							
	Spalling, Extent : Light, Area Affected : 10%							
	Location : Random							
Curbs 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.

Maintenance \$ are aggregated over a ten-year period. Site 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. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE**  
**Asset # : 2510**

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								
Embankment								
Generic	100%			LIFE	* *			C
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$4,800	A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Piers								
Cap Beam								
Not Accessible	100%							D
		Other Observation, Extent : Light, Area Affected : 0%						
		Location :						
		Explanation : No Access To Tracks						
Pier,Columns								
Not Accessible	100%							D
Stem,Solid Pier								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
		Other Observation, Extent : Light, Area Affected : 0%						
		Location :						
		Explanation : No Access To Tracks						
Footings								
Not Accessible	100%							D
		Other Observation, Extent : Light, Area Affected : 0%						
		Location :						
		Explanation : No Access To Tracks						
Mat (scour & erosion)								
Not Accessible	100%							D
		Other Observation, Extent : Light, Area Affected : 0%						
		Location :						
		Explanation : No Access To Tracks						
Pedestals								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete	5%	4+	\$49,700	2041	* *			A
		Exposed Reinforcement, Extent : Moderate, Area Affected : 5%						
		Location : Begin Approach Right Side						
Concrete	95%			2041	* *			A
Gratings								
Steel	100%			LIFE	* *			A
		Other Observation, Extent : Light, Area Affected : 10%						
		Location : Spans 1 And 3						
		Explanation : Rusted Areas; The Gratings Cover The Air Vents. Vents In Span 3 Are Good						

Note : 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**  
**HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE**  
**Asset # : 2510**

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								
Guide Railing								
Steel	100%			LIFE	* *			A
Mono Deck Surface								
Concrete	100%	2-4	\$29,700	2041	* *	5	\$128,200	C
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Spans 1 Thru 6							
Railings/Parapets								
Concrete	100%			2030	* *	4	\$38,000	A
	Exposed Reinforcement, Extent : Light, Area Affected : 5%							
	Location : Middle Barrier Random							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Middle Barrier Random							
Steel	100%			LIFE	* *	2-8		A
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Eastside Random							
	Damaged Railing, Extent : Light, Area Affected : 5%							
	Location : Eastside Random							
	Rust Stains, Extent : Light, Area Affected : 5%							
	Location : Eastside Random							
Stone Rough Work	100%			LIFE	* *			A
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Right Side, Spans 1 Thru 6							
	Explanation : Missing/ Loose Mortar In Joints							
Sidewalks/Fascias								
Concrete	100%			2026	* *	5	\$2,200	C
Superstructure								
Deck,Structural								
Concrete	10%	4+	\$19,600	LIFE	* *	5	\$54,300	A
	Cracks, Extent : Light, Area Affected : 10%							
	Location : On Top Surface							
Concrete	90%			LIFE	* *	5	\$54,300	A
Joints								
Generic	100%	4+	\$10,300	LIFE	* *			C
	Broken/Missing Element, Extent : Moderate, Area Affected : 10%							
	Location : Random							
Primary Member								
Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							
Secondary Member								
Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : No Access To Tracks							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : **09-Nov-2010** **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : **2243780**

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$175,100	\$225,800
<b>Total</b>	<b>\$175,100</b>	<b>\$225,800</b>
Priority A	\$129,900	
Priority C	\$45,200	\$225,800
<b>Total</b>	<b>\$175,100</b>	<b>\$225,800</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$47,200	\$2,500		
<b>Total</b>	<b>\$47,200</b>	<b>\$2,500</b>		
Priority A	\$22,100			
Priority C	\$25,100	\$2,500		
<b>Total</b>	<b>\$47,200</b>	<b>\$2,500</b>		



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

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

\*\* 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 Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : Abutment Is Behind The Station Platform Wall							
Brngs,Ancr Blts,Pads Elastomeric	100%			2048		* *		A
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE		* *		B
Stem (breastwall) Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : Abutment Is Behind The Station Platform Wall							
Walls Concrete	100%	4+	\$20,100	LIFE		* *		A
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Both Abutments							
	Leakage, Extent : Light, Area Affected : 10%							
	Location : At Southwest Corner Of End Abutment							
Approaches								
Pavement Asphalt	100%	2-4	\$45,200	2023	\$225,800	4	\$5,500	C
	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Throughout							
	Recent Repair Evident, Extent : Light, Area Affected : 2%							
	Location : End Approach							
Concrete	100%			2031		* *	4	C
Curbs Concrete w/ Steel Face	100%			LIFE		* *		A
Pavement Base Not Accessible	100%							D
Sidewalks/Fascias Concrete	100%	4+	\$6,300	LIFE		* *		C
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Throughout							
	Vegetation Growth, Extent : Light, Area Affected : 2%							
	Location : Northeast Sidewalk							
Deck Elements								
Curbs Concrete w/ Steel Face	100%	4+	\$2,000	LIFE		* *		A
	Misaligned/Bulging, Extent : Light, Area Affected : 5%							
	Location : North Curb							

Note : 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**  
**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
Deck Elements								
Mono Deck Surface Concrete	100%	4+	\$5,000	2048	* *	5	\$11,100	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Railings/Parapets Concrete	100%			2035	* *	4	\$100	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Fascia								
Explanation : Station Building At South Fascia Does Not Have A Parapet								
Steel	100%			LIFE	* *	2-8	\$1,000	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Fascia								
Explanation : Station Building At South Fascia Does Not Have A Parapet								
Sidewalks/Fascias Concrete	100%	4+	\$4,300	2030	* *	5	\$2,700	C
Cracks, Extent : Light, Area Affected : 2%								
Location : Throughout								
Superstructure								
Deck,Structural Concrete	100%			LIFE	* *	5		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Underside Of Deck Not Visible, Covered By Adjacent Box Beam And Stay - In - Place Form								
Joints Generic	100%	0-2	\$9,600	LIFE	* *			C
Leakage, Extent : Moderate, Area Affected : 40%								
Location : At East Abutment								
Primary Member Prestressed Concrete Box Beam	100%	4+	\$129,900	LIFE	* *			A
Other Observation, Extent : Light, Area Affected : 2%								
Location : North Fascia								
Explanation : Cracks On Fascia Beam								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK  
**Address** : HUNTS POINT AVE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0183.000 / 13717 **Yr Built/Renovated** :  
**Area Sq Ft** : 13,700 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241190

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bridge Structure		\$90,000
<b>Total</b>		<b>\$90,000</b>
Priority C		\$90,000
<b>Total</b>		<b>\$90,000</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$6,500		\$23,000	
<b>Total</b>	<b>\$6,500</b>		<b>\$23,000</b>	
Priority C	\$6,500		\$23,000	
<b>Total</b>	<b>\$6,500</b>		<b>\$23,000</b>	



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

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

\*\* 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 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								
Steel	100%			LIFE	* *			A
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			B
Pedestals								
Concrete	100%			LIFE	* *			A
Stem (breastwall)								
Concrete	100%			LIFE	* *			B
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 100%								
Location : Begin And End Wingwalls								
Explanation : No Component On Begin End Right Side (buildings).Begin End Left Side Wingwall Is Concrete								
Approaches								
Pavement								
Asphalt	90%			2022	\$81,000	4	\$3,300	C
Asphalt	10%	4+	\$500	2022	\$9,000	4	\$2,200	C
Settlement, Extent : Light, Area Affected : 50%								
Location : Begin Approach								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : 75% Asphalt And 25% Concrete								
Concrete	90%			2030	* *	4	\$12,600	C
Concrete	10%	4+	\$300	2030	* *	4	\$8,400	C
Spalling, Extent : Light, Area Affected : 40%								
Location : Both Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK**  
**Asset # : 13717**

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								
Guide Railing								
Steel	100%			LIFE	* *	2-8		A
Other Observation, Extent : Light, Area Affected : 25%								
Location : End Approach								
Explanation : Steel Guiderailing On The Left Side; End Approach Only								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks/Fascias								
Concrete	90%			LIFE	* *			C
Concrete	10%	4+	\$500	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 50%								
Location : Begin Approach; Right Side								
Spalling, Extent : Light, Area Affected : 50%								
Location : End Approach; Left Side								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Mono Deck Surface								
Concrete	100%			2041	* *	5	\$46,000	C
Railings/Parapets								
Concrete	100%			2030	* *	4		A
Other Observation, Extent : Light, Area Affected : 50%								
Location : Left And Right Sides								
Explanation : Left Side Is Concrete With Corrugated Steel Sheeting. Right Sides Has No Parapets Due To Building.								
Sidewalks/Fascias								
Concrete	100%			2026	* *	5		C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5		A
Primary Member								
Steel	100%			LIFE	* *	2-8		A
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 16-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241959

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,695,500	\$1,575,800
<b>Total</b>	<b>\$1,695,500</b>	<b>\$1,575,800</b>
Priority A	\$1,620,800	
Priority C	\$74,700	\$1,575,800
<b>Total</b>	<b>\$1,695,500</b>	<b>\$1,575,800</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$23,600	\$32,200	\$32,700	\$1,100
<b>Total</b>	<b>\$23,600</b>	<b>\$32,200</b>	<b>\$32,700</b>	<b>\$1,100</b>
Priority A		\$1,000	\$1,300	
Priority C	\$23,600	\$31,200	\$31,400	\$1,100
<b>Total</b>	<b>\$23,600</b>	<b>\$32,200</b>	<b>\$32,700</b>	<b>\$1,100</b>



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

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

\*\* 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		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 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%			LIFE	* *			B
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 5%								
Location : Roadway Face								
Explanation : Masonry Face								
Approaches								
Pavement Asphalt	70%			2023	\$1,103,100	4	\$31,100	C
Asphalt	30%	4+	\$23,600	2023	\$472,700	4	\$20,700	C
Other Observation, Extent : Light, Area Affected : 10%								
Location : North Approach								
Explanation : Cracks And Spalls								
Concrete	100%			2031	* *	4	\$62,600	C
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$42,000	A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
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**  
**HUTCHINSON RIVER PARKWAY BRIDGE**  
**Asset # : 13567**

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								
Sidewalks/Fascias								
Concrete	100%	4+	\$74,700	LIFE	* *			C
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Random							
	Vegetation Growth, Extent : Moderate, Area Affected : 60%							
	Location : Throughout							
	Other Observation, Extent : Severe, Area Affected : 60%							
	Location : Throughout							
	Explanation : Dirt Accumulation							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : Only At South Side							
Guide Railing								
Steel	100%			LIFE	* *			A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : Only At South Side							
Median								
Concrete	100%			LIFE	* *	5		A
Railings/Parapets								
Concrete	100%			2031	* *	4	\$3,000	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : North Side Only							
Steel	100%			LIFE	* *	2-8	\$5,500	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : South Side Only							
Sidewalks/Fascias								
Concrete	100%			2027	* *	5	\$2,200	C
	Other Observation, Extent : Moderate, Area Affected : 60%							
	Location : Throughout							
	Explanation : Dirt Accumulation							
Wearing Surface								
Concrete	100%			2031	* *	5	\$62,800	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5		A
	Other Observation, Extent : Light, Area Affected : 10%							
	Location :							
	Explanation : Stay In Place Forms - Good Condition							

Note : 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**  
**HUTCHINSON RIVER PARKWAY BRIDGE**  
**Asset # : 13567**

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	70%			LIFE	* *	2-8		A
Steel	30%	4+	\$1,620,800	LIFE	* *	2-8		A
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Bottom Flanges</i>								
<i>Explanation : Corrosion, Flaking</i>								

*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 1995 /  
**Area Sq Ft** : 12,000 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241169

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bridge Structure		\$279,000
<b>Total</b>		<b>\$279,000</b>
Priority C		\$279,000
<b>Total</b>		<b>\$279,000</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$41,600			
<b>Total</b>	<b>\$41,600</b>			
Priority C	\$41,600			
<b>Total</b>	<b>\$41,600</b>			



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

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

\*\* 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 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	100%			LIFE	* *			B
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : No Access To The Tracks							
Walls Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : No Access To The Tracks							
Approaches								
Pavement Asphalt	100%	4+	\$13,900	2022	\$279,000	4	\$5,500	C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Begin Approach							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Both Approaches							
	Explanation : 50% Asphalt And 50% Concrete							
Concrete	100%	4+	\$8,700	2030	* *	4	\$21,000	C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Both Approaches							
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment Earth	100%			LIFE	* *			C
Mat (scour & erosion) Earth	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.*

*Maintenance \$ are aggregated over a ten-year period. Site 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 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Approaches								
Sidewalks/Fascias								
Concrete	100%	4+	\$5,900	LIFE	**			C
Cracks, Extent : Light, Area Affected : 5%								
Location : Both Approaches Left Side								
Deck Elements								
Guide Railing								
Concrete	100%			2034	**			A
Median								
Concrete	100%			LIFE	**	5		A
Mono Deck Surface								
Concrete	100%	4+	\$4,900	2041	**	5	\$27,400	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Near Begin Abutment								
Railings/Parapets								
Concrete	100%			2030	**	4		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Left And Right Sides								
Explanation : Parapets Are Concrete With Corrugated Metal Sheetings								
Sidewalks/Fascias								
Concrete	100%	4+	\$8,100	2026	**	5		C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Span 1								
Explanation : Underside Exhibits Stay In Place Forms								
Primary Member								
Steel	100%			LIFE	**	2-8		A
Secondary Member								
Steel	100%			LIFE	**	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$6,248,000	\$2,793,100
<b>Total</b>	<b>\$6,248,000</b>	<b>\$2,793,100</b>
Priority A	\$2,895,300	\$1,363,700
Priority B	\$1,510,700	\$1,166,400
Priority C	\$1,842,000	\$263,100
<b>Total</b>	<b>\$6,248,000</b>	<b>\$2,793,100</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$611,100		\$234,600	
<b>Total</b>	<b>\$611,100</b>		<b>\$234,600</b>	
Priority A	\$379,500		\$112,400	
Priority B	\$229,400		\$117,000	
Priority C	\$2,200		\$5,300	
<b>Total</b>	<b>\$611,100</b>		<b>\$234,600</b>	



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

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

\*\* 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			
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%	2-4	\$89,100	LIFE		* *		B	
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%									
Location : At Both Abutments									
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%	4+	\$2,200	LIFE		* *		C	
Cracks, Extent : Moderate, Area Affected : 20%									
Location : Random									
Piles									
Not Accessible	100%							D	
Walls									
Concrete	100%			LIFE		* *		C	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Concrete Has Brownstone/sandstone Facade									
Approaches									
Pavement									
Asphalt	50%			2024		* *	4	\$10,500	C
Asphalt	50%	4+	\$104,800	2024		* *	4	\$10,500	C
Settlement, Extent : Moderate, Area Affected : 25%									
Location : Random									
Spalling, Extent : Moderate, Area Affected : 25%									
Location : Random									
Curbs									
Concrete	100%			LIFE		* *		A	
Concrete w/ Steel Face	100%			LIFE		* *		A	
Pavement Base									
Not Accessible	100%							D	
Sidewalks/Fascias									
Concrete	100%			LIFE		* *		C	

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE**  
**Asset # : 2490**

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
Piers								
Pier,Columns	95%			LIFE	* *	2-8	\$169,600	B
Steel	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Explanation : Peeling Paint And Minor Pitting							
Steel	5%	4+	\$120,400	LIFE	* *	2-8	\$103,500	B
	Corrosion, Extent : Severe, Area Affected : 60%							
	Location : Random							
	Loss of Section, Extent : Severe, Area Affected : 60%							
	Location : Random							
Brngs,Ancr Blts,Pads	100%			LIFE	* *	2-8	\$99,600	A
Steel								
Footings	100%							D
Not Accessible								
Mat (scour & erosion)	100%			LIFE	* *			A
Generic								
Pedestals	100%	4+	\$170,700	LIFE	* *			B
Concrete	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : At Base Of Columns							
Deck Elements								
Gratings	100%			LIFE	* *			A
Steel								
Median	100%	4+	\$409,700	LIFE	* *	5	\$15,400	A
Concrete	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Random							
Railings/Parapets	100%	4+	\$597,500	2032	* *	4	\$57,000	A
Concrete	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Random							
Wearing Surface	100%	4+	\$1,671,400	2032	* *	5	\$263,100	C
Concrete	Spalling, Extent : Light, Area Affected : 10%							
	Location : West End							
	Other Observation, Extent : Light, Area Affected : 10%							
	Location :							
	Explanation : Normal Wearing							
Superstructure								
Deck,Structural	80%			LIFE	* *	5	\$243,400	A
Concrete	20%	4+	\$646,200	LIFE	* *	5	\$121,700	A
Concrete	Cracks, Extent : Severe, Area Affected : 50%							
	Location : Cracks With Efflorescence							

Note : 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**  
**LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE**  
**Asset # : 2490**

Bridge Structure		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		Code
Superstructure									
Joints									
	Generic	100%	4+	\$65,800	LIFE	* *			C
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 30%</i>									
<i>Location : Bulging And Protruding Joint Filler Throughout</i>									
Primary Member									
	Steel	100%			LIFE	* *	2-8	\$3,504,000	A
<i>Corrosion, Extent : Light, Area Affected : 2%</i>									
<i>Location : At Joints Throughout</i>									
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Explanation : Minor Pitting And Peeling Paint</i>									
Secondary Member									
	Steel	100%			LIFE	* *	2-8	\$3,006,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
<i>Explanation : Minor Pitting And Peeling Paint</i>									

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :  
**Block** : **Lot** : **BIN** : 2247640

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$193,500	
<b>Total</b>	<b>\$193,500</b>	
Priority C	\$193,500	
<b>Total</b>	<b>\$193,500</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$48,200		\$900	
<b>Total</b>	<b>\$48,200</b>		<b>\$900</b>	
Priority A	\$42,700		\$900	
Priority C	\$5,500			
<b>Total</b>	<b>\$48,200</b>		<b>\$900</b>	



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

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

\*\* 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	% 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		* *		B
Leakage, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Random								
Mat (scour & erosion)								
Riprap	100%			LIFE		* *		B
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	100%	4+	\$35,700	2024		* *	4	\$7,800 C
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random								
Concrete	100%	4+	\$92,800	2032		* *	4	\$30,000 C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Curbs								
Concrete w/ Steel Face	100%	4+	\$3,900	LIFE		* *		A
Corrosion, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Embankment								
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**  
**LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/AMTRAK & LIRR YARD**  
**Asset # : 2498**

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								
Guide Railing								
Concrete	100%			2032	* *	4		A
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 80%							
	Location : Throughout							
	Explanation : Peeling Paint							
Steel	100%			LIFE	* *	2-8	\$12,900	A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	4+	\$4,400	LIFE	* *			C
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random							
	Vegetation Growth, Extent : Severe, Area Affected : 40%							
	Location : Throughout							
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
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$22,500	LIFE	* *			A
	Corrosion, Extent : Severe, Area Affected : 40%							
	Location : Throughout							
Mono Deck Surface								
Concrete	80%			2043	* *	5	\$3,900	C
Concrete	20%	4+	\$1,000	2043	* *	5	\$2,000	C
	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Transverse Cracks Throughout							

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

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

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

**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	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Railings/Parapets								
Concrete	100%			2032	* *	4		A
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random							
	Other Observation, Extent : Severe, Area Affected : 80%							
	Location : Throughout							
	Explanation : Peeling Paint And Graffiti							
Steel	100%			LIFE	* *	2-8	\$29,800	A
Sidewalks/Fascias								
Concrete	100%	4+	\$65,000	2028	* *	5	\$8,800	C
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random							
	Cracking/Crumbling, Extent : Moderate, 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, Area Affected : 10%							
	Location : Random							
Primary Member								
Not Accessible	100%							D
Secondary Member								
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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :  
**Block** : **Lot** : **BIN** : 2247330

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$550,900	\$536,000
<b>Total</b>	<b>\$550,900</b>	<b>\$536,000</b>
Priority A	\$68,500	
Priority C	\$482,400	\$536,000
<b>Total</b>	<b>\$550,900</b>	<b>\$536,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$47,700		\$11,900	
<b>Total</b>	<b>\$47,700</b>		<b>\$11,900</b>	
Priority A	\$47,700		\$11,900	
Priority C				
<b>Total</b>	<b>\$47,700</b>		<b>\$11,900</b>	



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

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

\*\* 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 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									
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		* *		B	
	Leakage, Extent : Light, Area Affected : 10%								
	Location : Both Abutments								
	Misaligned/Bulging, Extent : Light, Area Affected : 10%								
	Location : Random								
Mat (scour & erosion)									
Earth	100%			LIFE		* *		B	
Riprap	100%			LIFE		* *		B	
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									
Not Accessible	100%							D	
Approaches									
Pavement									
Asphalt	100%	4+	\$119,400	2024		* *	4	\$15,700	C
	Cracks, Extent : Moderate, Area Affected : 20%								
	Location : Random								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : At Joint At South Abutment								
Concrete	100%	4+	\$78,000	2032		* *	4	\$25,200	C
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Random								
Curbs									
Concrete w/ Steel Face	100%	4+	\$3,200	LIFE		* *			A
	Corrosion, Extent : Severe, Area Affected : 40%								
	Location : Throughout								
Embankment									
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**  
**LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS**  
**Asset # : 2497**

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								
Guide Railing Concrete	100%			2032	* *	4		A
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 80%							
	Location : Throughout							
	Explanation : Peeling Paint							
Steel	100%			LIFE	* *	2-8	\$25,800	A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Riprap	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	4+	\$63,800	LIFE	* *			C
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Random							
	Vegetation Growth, Extent : Severe, Area Affected : 40%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : In Sidewalk At Southwest Approach							
	Explanation : Water Main With Missing Cover							
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
Pedestals								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$68,500	LIFE	* *			A
	Corrosion, Extent : Severe, Area Affected : 40%							
	Location : Throughout							
Mono Deck Surface								
Concrete	20%	4+	\$47,600	2043	* *	5	\$178,700	C
	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Transverse Cracks							
Concrete	80%			2043	* *	5	\$357,400	C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS**  
**Asset # : 2497**

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								
Railings/Parapets								
Concrete	100%			2032	* *	4	\$18,900	A
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random							
	Other Observation, Extent : Severe, Area Affected : 80%							
	Location : Throughout							
	Explanation : Peeling Paint And Graffiti							
Steel	100%			LIFE	* *	2-8	\$90,600	A
Sidewalks/Fascias								
Concrete	100%	4+	\$173,700	2028	* *	5	\$23,600	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, Area Affected : 5%							
	Location : Random							
Primary Member								
Not Accessible	100%							D
Secondary Member								
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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK & LIRR YARD  
**Address** : HONEYWELL,NORTHERN-SKILLMAN AV  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0072.000 / 2496 **Yr Built/Renovated** : 1910 / 2006  
**Area Sq Ft** : 104,561 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 12-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247320

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$40,700	\$902,200
<b>Total</b>	<b>\$40,700</b>	<b>\$902,200</b>
Priority A	\$40,700	
Priority C		\$902,200
<b>Total</b>	<b>\$40,700</b>	<b>\$902,200</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$18,000		\$2,000	\$25,900
<b>Total</b>	<b>\$18,000</b>		<b>\$2,000</b>	<b>\$25,900</b>
Priority A			\$2,000	
Priority C	\$18,000			\$25,900
<b>Total</b>	<b>\$18,000</b>		<b>\$2,000</b>	<b>\$25,900</b>



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

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

\*\* 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 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								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE		* *		B
Mat (scour & erosion)								
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)								
Earth	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	100%	4+	\$18,000	2023	\$902,200	4	\$13,400	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random								
Curbs								
Concrete	100%			LIFE		* *		A
Embankment								
Earth	100%			LIFE		* *		C
Guide Railing								
Concrete	100%			2031		* *	4	A
Mat (scour & erosion)								
Earth	100%			LIFE		* *		A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%			LIFE		* *		C

**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.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK & LIRR YARD**  
**Asset # : 2496**

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	
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	
Deck Elements									
Curbs									
Concrete	100%			2042		* *		A	
Guide Railing									
Concrete	100%			2035		* *		A	
Railings/Parapets									
Steel	100%	4+	\$40,700	LIFE		* *	2-8	\$54,700	A
Other Observation, Extent : Light, Area Affected : 1%									
Location : South Sidewalk									
Explanation : A Hole Is Cut In Chain Link Fence Allowing Access To Underside Of Bridge									
Sidewalks/Fascias									
Concrete	100%			2027		* *	5	\$51,900	C
Wearing Surface									
Concrete	100%			2031		* *	5		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

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 12-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247310

<b>CAPITAL</b>		<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure			\$501,500
<b>Total</b>			<b>\$501,500</b>
Priority	C		\$501,500
<b>Total</b>			<b>\$501,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$10,000		\$1,300	\$17,300
<b>Total</b>	<b>\$10,000</b>		<b>\$1,300</b>	<b>\$17,300</b>
Priority A			\$1,300	
Priority C	\$10,000			\$17,300
<b>Total</b>	<b>\$10,000</b>		<b>\$1,300</b>	<b>\$17,300</b>



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

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

\*\* 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 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								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			B
Mat (scour & erosion)								
Earth	100%			LIFE	* *			B
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	100%	4+	\$10,000	2023	\$501,500	4	\$6,600	C
	Cracks, Extent : Light, Area Affected : 20%							
	Location : Random							
Concrete	100%			2031	* *	4		C
Curbs								
Concrete	100%			LIFE	* *			A
Embankment								
Generic	100%			LIFE	* *			C
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Piers								
Cap Beam								
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**  
**LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK & LIRR YARD**  
**Asset # : 2495**

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
Piers								
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
Deck Elements								
Curbs								
Concrete	100%			2042	* *			A
Guide Railing								
Concrete	100%			2035	* *			A
Steel	100%			LIFE	* *			A
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$36,900	A
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : With Solid Steel Panel In Middle Where Catenary Exist.								
Sidewalks/Fascias								
Concrete	100%			2027	* *	5	\$34,700	C
Other Observation, Extent : Light, Area Affected : 1%								
Location : North Sidewalk								
Explanation : Missing Handhole Cover With Exposed Wires At Base Of Lighting Shaft								
Wearing Surface								
Concrete	100%			2031	* *	5		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

*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : LIRR, AMT, CON NE BRIDGE THOMPSON AVE/AMTRAK YARD  
**Address** : THOMPSON 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** : 12-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247300

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$337,000	\$616,000
<b>Total</b>	<b>\$337,000</b>	<b>\$616,000</b>
Priority C	\$337,000	\$616,000
<b>Total</b>	<b>\$337,000</b>	<b>\$616,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$10,200	\$28,100	\$900	\$12,400
<b>Total</b>	<b>\$10,200</b>	<b>\$28,100</b>	<b>\$900</b>	<b>\$12,400</b>
Priority A		\$28,100	\$900	
Priority C	\$10,200			\$12,400
<b>Total</b>	<b>\$10,200</b>	<b>\$28,100</b>	<b>\$900</b>	<b>\$12,400</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE THOMPSON AVE/AMTRAK YARD**  
**Asset # : 2494**

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								
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	* *			B
Mat (scour & erosion)								
Earth	100%			LIFE	* *			B
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								
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	100%	4+	\$10,200	2023	\$507,500	4	\$52,100	C
	Cracks, Extent : Light, Area Affected : 15%							
	Location : Random Throughout							
	Settlement, Extent : Light, Area Affected : 5%							
	Location : Random Locations							
Concrete	100%	4+	\$123,400	2031	* *	4	\$199,500	C
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random Locations							
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Concrete	100%			2031	* *	4	\$55,500	A
Steel	100%			LIFE	* *	2-8		A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
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**  
**LIRR, AMT, CON NE BRIDGE THOMPSON AVE/AMTRAK YARD**  
**Asset # : 2494**

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								
Sidewalks/Fascias								
Concrete	100%	4+	\$105,100	LIFE	**			C
			Cracks, Extent : Light, Area Affected : 5%					
			Location : Random Locations					
			Spalling, Extent : Light, Area Affected : 5%					
			Location : Random					
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
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
			Other Observation, Extent : Light, Area Affected : 100%					
			Location :					
			Explanation : Located On North Side					
Guide Railing								
Concrete	100%			2035	**			A
			Other Observation, Extent : Light, Area Affected : 100%					
			Location : North Side					
			Explanation : Concrete Barrier Considered As Guide Rail					
Railings/Parapets								
Concrete	100%			2031	**	4	\$28,700	A
Steel	100%			LIFE	**	2-8	\$26,300	A
			Other Observation, Extent : Light, Area Affected : 100%					
			Location :					
			Explanation : Solid Vertical Panels On Both Sides					
Sidewalks/Fascias								
Concrete	100%			2027	**	5	\$24,800	C
Wearing Surface								
Concrete	100%			2031	**	5	\$217,000	C
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Joints								
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**  
**LIRR, AMT, CON NE BRIDGE THOMPSON AVE/AMTRAK YARD**

**Asset # : 2494**

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								
Not Accessible		100%						D
Secondary Member								
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.*

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD  
**Address** : WOODHAVEN BLVD  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0002.000 / 2461 **Yr Built/Renovated** : 1955 / 2006  
**Area Sq Ft** : 25,288 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 03-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2066002

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$289,600	\$409,500
<b>Total</b>	<b>\$289,600</b>	<b>\$409,500</b>
Priority A	\$226,600	\$204,800
Priority B	\$63,000	\$204,800
<b>Total</b>	<b>\$289,600</b>	<b>\$409,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$18,500	\$2,300	\$41,100	
<b>Total</b>	<b>\$18,500</b>	<b>\$2,300</b>	<b>\$41,100</b>	
Priority A		\$2,300	\$20,500	
Priority B	\$11,100		\$20,500	
Priority C	\$7,400			
<b>Total</b>	<b>\$18,500</b>	<b>\$2,300</b>	<b>\$41,100</b>	



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

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

\*\* 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		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 Concrete	100%			LIFE		* *		A
Backwall Concrete	100%	4+	\$1,900	LIFE		* *		C
		Cracks, Extent : Light, Area Affected : 2%						
		Location : Southwest Corner Of Bridge						
		Rust Stains, Extent : Light, Area Affected : 5%						
		Location : East Abutment						
Brngs,Ancr Blts,Pads Generic	100%			LIFE		* *		A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE		* *		B
Pedestals Concrete	100%			LIFE		* *		A
Stem (breastwall) Concrete	100%	4+	\$11,100	LIFE		* *		B
		Cracks, Extent : Light, Area Affected : 2%						
		Location : Crack In East Abutment						
		Other Observation, Extent : Light, Area Affected : 2%						
		Location : Northeast Corner						
		Explanation : Masonry Facade Exhibiting Minor Mortar Loss And Vegetation Growth						
Approaches								
Pavement Concrete	100%			2031		* *	4	C
Embankment Earth	100%			LIFE		* *		C
Guide Railing Concrete	100%			2031		* *	4	A
Mat (scour & erosion) Earth	100%			LIFE		* *		A
Pavement Base Not Accessible	100%							D
Piers								
Stem,Solid Pier Concrete	100%	4+	\$63,000	LIFE		* *		B
		Spalling, Extent : Light, Area Affected : 2%						
		Location : East Face Of Pier						
Brngs,Ancr Blts,Pads Generic	100%			LIFE		* *		A
Footings Not Accessible	100%							D
Pedestals Concrete	100%			LIFE		* *		B

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

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

*\*\* 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		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%			2042	* *	5		C
Railings/Parapets								
Concrete	100%			2031	* *	4		A
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$226,600	LIFE	* *	5	\$22,800	A
Cracks, Extent : Light, Area Affected : 10%								
Location : Fascia Overhangs And Light Blister								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Bays Except The Center Bay								
Explanation : Covered By Stay - In - Place Forms, Some Corrode Areas								
Joints								
Generic	100%	4+	\$5,500	LIFE	* *			C
Broken/Missing Element, Extent : Light, Area Affected : 5%								
Location : Northeast Corner								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$382,500	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$320,400	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : LONGWOOD AVE. BRIDGE LONGWOOD AVE./AMTRAK  
**Address** : LONGWOOD AVE.  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0180.000 / 13714 **Yr Built/Renovated** : 1991 /  
**Area Sq Ft** : 10,625 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 23-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241159

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$299,900	
<b>Total</b>	<b>\$299,900</b>	
Priority B	\$108,600	
Priority C	\$191,300	
<b>Total</b>	<b>\$299,900</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$69,900			
<b>Total</b>	<b>\$69,900</b>			
Priority A	\$25,900			
Priority B	\$25,800			
Priority C	\$18,300			
<b>Total</b>	<b>\$69,900</b>			



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**LONGWOOD AVE. BRIDGE LONGWOOD AVE./AMTRAK**  
**Asset # : 13714**

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 Concrete	100%			LIFE	* *			A	
Backwall Concrete	100%			LIFE	* *			C	
Brngs,Ancr Blts,Pads Elastomeric	100%			2041	* *			A	
Footings Not Accessible	100%							D	
Joint with Deck Generic	100%	4+	\$25,800	LIFE	* *			B	
	Loose Elements, Extent : Light, Area Affected : 40%								
	Location : Begin Abutment								
Mat (scour & erosion) Earth	100%			LIFE	* *			B	
Pedestals Concrete	100%			LIFE	* *			A	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Begin And End Abutment								
	Explanation : Concrete Pedestal At Begin Abutment. No Pedestal At End Abutment.								
Stem (breastwall) Concrete	100%	4+	\$108,600	LIFE	* *			B	
	Cracks, Extent : Light, Area Affected : 20%								
	Location : End Abutment								
	Efflorescence, Extent : Light, Area Affected : 20%								
	Location : End Abutment								
Wingwalls									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	* *			C	
Piles Not Accessible	100%							D	
Walls Concrete	100%	4+	\$191,300	LIFE	* *			C	
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Begin Abutment Both Sides								
	Cracking/Crumbling, Extent : Light, Area Affected : 5%								
	Location : End Abutment								
Approaches									
Pavement Asphalt	100%			2026	* *	4		C	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Both Approaches								
	Explanation : Asphalt 20%; Concrete 80%								
Concrete	100%	4+	\$14,100	2030	* *	4	\$34,100	C	
	Cracks, Extent : Light, Area Affected : 5%								
	Location : End Approach								

*Note : 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**  
**LONGWOOD AVE. BRIDGE LONGWOOD AVE./AMTRAK**  
**Asset # : 13714**

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								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Steel	100%			LIFE	* *	2-8		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Begin Approach								
Explanation : At Begin Approach Left Side Only								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			A
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2041	* *			A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Begin And End Sides Of Pier								
Explanation : Pier 1 Begin Side Has Railroad Ballast. End Side Of Pier 1 Is Earth								
Pedestals								
Concrete	100%			LIFE	* *			B
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Mono Deck Surface								
Concrete	100%	4+	\$4,200	2041	* *	5	\$23,500	C
Cracks, Extent : Light, Area Affected : 20%								
Location : Random								
Railings/Parapets								
Concrete	100%			2030	* *	4		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Left And Right Sides								
Explanation : Parapet Is Concrete With Corrugated Steel								
Sidewalks/Fascias								
Concrete	100%			2026	* *	5		C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**LONGWOOD AVE. BRIDGE LONGWOOD AVE./AMTRAK**  
**Asset # : 13714**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural Concrete	100%	4+	\$25,900	LIFE	* *	5		A
	<i>Efflorescence, Extent : Light, Area Affected : 10%</i> <i>Location : Span 2 Underside</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Spans 1 And 2</i> <i>Explanation : Span 1 Exhibits Stay In Place Forms. Span 2 Is Concrete Topping Over Slab Superstructure</i>							
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Steel	100%			LIFE	* *	2-8		A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Spans 1 And 2</i> <i>Explanation : Span 1 Is Steel. Span 2 Is Concrete Slab.</i>							
Secondary Member								
Steel	100%			LIFE	* *	2-8		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Spans 1 And 2</i> <i>Explanation : Span 1 Is Steel. Span 2 -no Component</i>							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 07-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241560

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bridge Structure	\$102,700	\$861,800
<b>Total</b>	<b>\$102,700</b>	<b>\$861,800</b>
Priority A		\$225,900
Priority B	\$42,000	\$225,900
Priority C	\$60,600	\$410,000
<b>Total</b>	<b>\$102,700</b>	<b>\$861,800</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$24,400		\$58,900	
<b>Total</b>	<b>\$24,400</b>		<b>\$58,900</b>	
Priority A			\$23,000	
Priority B			\$22,700	
Priority C	\$24,400		\$13,200	
<b>Total</b>	<b>\$24,400</b>		<b>\$58,900</b>	



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

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

\*\* 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 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								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	50%			LIFE	* *			B
Generic	50%	Now	\$42,000	LIFE	* *			B
Missing/Damaged Seal, Extent : Light, Area Affected : 10%								
Location : Both Joints Damaged, Sunken And Debris Filled								
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)								
Earth	100%			LIFE	* *			C
Piles								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	80%			2022	\$349,300	4	\$9,900	C
Asphalt	20%	4+	\$17,500	2026	* *	4	\$6,600	C
Cracks, Extent : Severe, Area Affected : 40%								
Location : Deteriorated Area More Severe On West Side								
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Begin Abutment Right Lane								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Not Accessible	100%							D
Guide Railing								
Steel	100%			LIFE	* *	2-8		A
Mat (scour & erosion)								
Earth	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.

Maintenance \$ are aggregated over a ten-year period. Site 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 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								
Sidewalks/Fascias								
Concrete	100%	4+	\$600	LIFE	**			C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Spalling, Extent : Light, Area Affected : 1%							
	Location : Southeast Sidewalk							
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)								
Not Accessible	100%							D
Pedestals								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Mono Deck Surface								
Concrete	100%			2041	**	5	\$121,300	C
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$9,700	A
Sidewalks/Fascias								
Concrete	100%			2026	**	5	\$26,500	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$25,100	A
Joints								
Generic	100%	2-4	\$3,100	LIFE	**			C
	Broken/Missing Element, Extent : Moderate, Area Affected : 50%							
	Location : Deteriorated Filler, Only One Joint At Span 5.							
Primary Member								
Steel	100%			LIFE	**	2-8	\$422,000	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Underside Of Deck							
	Explanation : Not Accessible For Inspection. Requires Railroad Flagman							
Secondary Member								
Steel	100%			LIFE	**	2-8	\$353,500	B
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Underside Of Bridge							
	Explanation : Not Accessible For Inspection. Requires Railroad Flagman							

Note : 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**

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

Asset Name : METRO NORTH BRIDGE E 189 ST/METRO NORTH RR HAR  
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 : 07-Oct-2009 Landmark Status : NONE  
Areas Surveyed :  
Block : Lot : BIN : 2241839

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bridge Structure	\$46,200	\$1,284,300
<b>Total</b>	<b>\$46,200</b>	<b>\$1,284,300</b>
Priority A		\$360,600
Priority C	\$46,200	\$923,700
<b>Total</b>	<b>\$46,200</b>	<b>\$1,284,300</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$54,700		\$34,200	
<b>Total</b>	<b>\$54,700</b>		<b>\$34,200</b>	
Priority A	\$25,700		\$32,600	
Priority C	\$29,000		\$1,600	
<b>Total</b>	<b>\$54,700</b>		<b>\$34,200</b>	



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**METRO NORTH BRIDGE E 189 ST/METRO NORTH RR HAR**  
**Asset # : 2482**

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 Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Underside Of Bridge							
	Explanation : Not Accessible For Inspection. Requires Railroad Flagman							
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE		* *		B
Pedestals Not Accessible	100%							D
Stem (breastwall) Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Underside Of Bridge							
	Explanation : Not Accessible For Inspection. Requires Railroad Flagman							
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE		* *		C
Piles Not Accessible	100%							D
Walls Granite	100%			LIFE		* *		C
Approaches								
Pavement Asphalt	100%	4+	\$46,200	2022	\$923,700	4	\$14,000	C
	Cracks, Extent : Moderate, Area Affected : 10%							
	Location : East Approach Throughout							
	Settlement, Extent : Light, Area Affected : 5%							
	Location : East Approach Eastbound And Westbound Lanes							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 100 Feet Long Approach Length							
	Explanation : 70% Asphalt - 20% Concrete 10% Pavers-							
Concrete	100%	4+	\$28,700	2036		* *	4	\$53,400 C
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Both Abutments							
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		A
Granite	100%	4+	\$6,600	LIFE		* *		A
	Broken,Missing Pave, Extent : Light, Area Affected : 20%							
	Location : Throughout							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**METRO NORTH BRIDGE E 189 ST/METRO NORTH RR HAR**  
**Asset # : 2482**

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								
Guide Railing								
Steel	100%			LIFE	**	2-8		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Begin Right								
Explanation : One Location								
Sidewalks/Fascias								
Concrete	100%			LIFE	**			C
Masonry	100%	4+	\$200	LIFE	**			C
Broken,Missing Pave, Extent : Light, Area Affected : 5%								
Location : Isolated Location								
Deck Elements								
Curbs								
Granite	95%			LIFE	**			A
Granite	5%	Now	\$19,200	LIFE	**			A
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Explanation : Broken And Missing Curb Units								
Median								
Concrete	100%			LIFE	**	5	\$1,500	A
Mono Deck Surface								
Concrete	100%			2041	**	5		C
Railings/Parapets								
Concrete	100%			2030	**	4		A
Steel	100%			LIFE	**	2-8	\$2,100	A
Sidewalks/Fascias								
Concrete	100%			2026	**	5	\$3,200	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$36,100	A
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$606,200	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underside Of Bridge								
Explanation : Not Accessible For Inspection. Requires Railroad Flagman								
Secondary Member								
Steel	100%			LIFE	**	2-8		B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underside Of Bridge								
Explanation : Not Accessible For Inspection. Requires Railroad Flagman								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :  
**Block** : **Lot** : **BIN** : 2241890

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,541,300	\$1,472,000
<b>Total</b>	<b>\$1,541,300</b>	<b>\$1,472,000</b>
Priority A	\$650,300	\$650,300
Priority B	\$736,100	\$736,100
Priority C	\$154,900	\$85,600
<b>Total</b>	<b>\$1,541,300</b>	<b>\$1,472,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$697,600		\$135,900	
<b>Total</b>	<b>\$697,600</b>		<b>\$135,900</b>	
Priority A	\$272,400		\$62,100	
Priority B	\$354,300		\$73,800	
Priority C	\$70,900			
<b>Total</b>	<b>\$697,600</b>		<b>\$135,900</b>	



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

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

\*\* 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		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	100%			LIFE	* *			B
Mat (scour & erosion) Generic	100%			LIFE	* *			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : West Abutment								
Explanation : Asphalt								
Stem (breastwall) Concrete	100%			LIFE	* *			B
Cracks, Extent : Light, Area Affected : 2%								
Location : Transverse Crack In East Abutment								
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Generic	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 100%								
Location : Stress Adjacent To Wingwalls At East Abutment								
Explanation : Asphalt								
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	* *			C
Approaches								
Pavement								
Asphalt	100%	4+	\$30,100	2024	* *	4	\$4,200	C
Concrete	100%	4+	\$9,400	2032	* *	4	\$15,100	C
Cracks, Extent : Light, Area Affected : 2%								
Location : Random								
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment Earth	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 100%								
Location : West Approach.								
Explanation : Earth Embankment Is Only At The West Approach.								
Guide Railing Steel	100%			LIFE	* *	2-8	\$8,100	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**  
**METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR**  
**Asset # : 2483**

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 Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	4+	\$2,700	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 2%								
Location : Random								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	\$792,400	A
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Minor Pitting Throughout, Recently Rehabbed And Painted								
Pier,Columns								
Steel	100%			LIFE	* *	2-8	\$1,581,800	B
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Minor Pitting Throughout, Recently Rehabbed And Painted								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
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
Corrosion, Extent : Light, Area Affected : 10%								
Location : Steel Facing								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$56,400	A
Sidewalks/Fascias								
Concrete	100%	4+	\$28,800	2028	* *	5	\$9,800	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Light Random Map Cracking								
Wearing Surface								
Concrete	100%	4+	\$62,500	2032	* *	5	\$85,600	C
Cracks, Extent : Light, Area Affected : 2%								
Location : Random								
Spalling, Extent : Light, Area Affected : 2%								
Location : Span 1 Westbound Lane								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$89,200	A
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Light Random Cracks With Efflorescence								

Note : 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 241 ST/BRCP, METRO NORTH HAR**  
**Asset # : 2483**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Generic	100%	0-2	\$92,400	LIFE	* *			C
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Numerous Joint Fillers Are Bulging And Failed</i>								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$1,283,300	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Minor Pitting Throughout, Recently Rehabbed And Painted</i>								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$1,101,000	B
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Minor Pitting Throughout, Recently Rehabbed And Painted</i>								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :  
**Block** : **Lot** : **BIN** : 2257569

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$25,490,500	\$6,135,300
<b>Total</b>	<b>\$25,490,500</b>	<b>\$6,135,300</b>
Priority A	\$23,887,800	\$2,547,500
Priority B	\$1,230,200	\$2,482,100
Priority C	\$372,500	\$1,105,600
<b>Total</b>	<b>\$25,490,500</b>	<b>\$6,135,300</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$399,800		\$518,800	
<b>Total</b>	<b>\$399,800</b>		<b>\$518,800</b>	
Priority A	\$41,700		\$254,900	
Priority B	\$358,100		\$248,900	
Priority C			\$14,900	
<b>Total</b>	<b>\$399,800</b>		<b>\$518,800</b>	



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

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

\*\* 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		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								
Concrete	100%			LIFE	* *			A
Steel	100%			LIFE	* *			A
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : End Abutment								
Explanation : Framed Into Girder At End Abutment								
Backwall								
Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads								
Steel	100%	4+	\$14,000	LIFE	* *			A
Corrosion, Extent : Light, Area Affected : 5%								
Location : At The Begin Abutment.								
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			B
Mat (scour & erosion)								
Earth	100%			LIFE	* *			B
Pedestals								
Concrete	100%			LIFE	* *			A
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Begin Abutment								
Explanation : Concrete Pedestals At Begin Abutment								
Stem (breastwall)								
Concrete	100%			LIFE	* *			B
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			C
Walls								
Concrete	100%			LIFE	* *			C
Approaches								
Pavement								
Concrete	100%			2032	* *	4	\$29,800	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.

Maintenance \$ are aggregated over a ten-year period. Site 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		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers								
Pier,Columns								
Concrete Encased Steel	99%	4+	\$3,300	LIFE	* *	5		B
	Cracks, Extent : Moderate, Area Affected : 30%							
	Location : Random Along Column Faces							
Concrete Encased Steel	1%	4+		LIFE	* *	5		B
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Crack And Possible Delamination At Top Of Column At Pier 39							
Steel	100%			LIFE	* *	2-8	\$1,994,500	B
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	\$116,500	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Deck Elements								
Median								
Concrete	100%			LIFE	* *	5	\$22,100	A
Mono Deck Surface								
Concrete	100%			2043	* *	5	\$1,105,600	C
Railings/Parapets								
Concrete	100%			2032	* *	4	\$90,700	A
Superstructure								
Deck,Structural								
Concrete	98%			LIFE	* *	5	\$458,000	A
Concrete	2%			LIFE	* *	5	\$458,000	A
	Corrosion, Extent : Light, Area Affected : 2%							
	Location : Corrosion To S.I.P. Forms In Several Random Bays							
Joints								
Generic	100%	4+	\$372,500	LIFE	* *			C
	Leakage, Extent : Moderate, Area Affected : 50%							
	Location : At Inside Face Of Fascia Girders Below Deck Joints							
	Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%							
	Location : Over Several Piers And Abutment							
	Rust Stains, Extent : Moderate, Area Affected : 50%							
	Location : At Inner Faces Of Fascia Girders Below Deck Joints							
Primary Member								
Steel	100%	4+	\$23,399,700	LIFE	* *	2-8	\$3,846,700	A
	Corrosion, Extent : Moderate, Area Affected : 2%							
	Location : Girders, Floor Beams, Web And Flanges At Deck Joints And Drainage Pipes							
	Loss of Section, Extent : Moderate, Area Affected : 2%							
	Location : Localized Areas At Connection Of Girders To Floor Beams Particularly Below Deck Joints							
	Other Observation, Extent : Light, Area Affected : 75%							
	Location : Throughout Superstructure Steel							
	Explanation : Faded Paint Color, Rust Flakes To Light Rusting. Paint System Is Failing.							

Note : 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**  
**MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN**

**Asset # : 4177**

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

Secondary Member

Steel

100% 4+ \$807,500 LIFE \* \* 2-8 \$3,222,300 B

*Loss of Section, Extent : Moderate, Area 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 Drainage Pipes Location*

*Explanation : Few Missing Drain Pipe Tie Rods And Hangers But Not In Danger Of Falling*

*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : NASSAU STREET BRIDGE B.Q.E./NASSAU STREET  
**Address** : 278I  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0018.000 / 2451 **Yr Built/Renovated** : 1956 / 2006  
**Area Sq Ft** : 51,200 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 03-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230510

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$2,440,000	\$1,870,400
<b>Total</b>	<b>\$2,440,000</b>	<b>\$1,870,400</b>
Priority A	\$2,353,100	\$1,042,000
Priority B	\$86,900	\$828,400
<b>Total</b>	<b>\$2,440,000</b>	<b>\$1,870,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$60,900		\$180,500	
<b>Total</b>	<b>\$60,900</b>		<b>\$180,500</b>	
Priority A	\$30,000		\$96,200	
Priority B	\$20,300		\$84,300	
Priority C	\$10,700			
<b>Total</b>	<b>\$60,900</b>		<b>\$180,500</b>	



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

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

\*\* 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 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	95%			LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 15%							
	Location : Both Fascias							
	Explanation : Brick Facing 5 Ft Wide							
Concrete	5%	4+	\$7,000	LIFE	* *			C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : At North Abutment							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			A
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			B
Mat (scour & erosion)								
Generic	100%			LIFE	* *			B
Pedestals								
Concrete	100%			LIFE	* *			A
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : At North Abutment Only							
	Explanation : Steel Bolster Bolted To Front Face Abutment							
Stem (breastwall)								
Concrete	100%	4+	\$86,900	LIFE	* *			B
	Cracks, Extent : Light, Area Affected : 1%							
	Location : Throughout							
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : North And South Abutments							
	Explanation : Brick Facade							
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : At North And South Abutments							
	Explanation : Brick Facade							
Approaches								
Pavement								
Asphalt	100%			2026	* *	4	\$11,100	C
Concrete	100%			2035	* *	4		C

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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**NASSAU STREET BRIDGE B.Q.E./NASSAU STREET**  
**Asset # : 2451**

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									
Curbs									
Concrete	100%			LIFE	**			A	
Embankment									
Earth	100%			LIFE	**			C	
Guide Railing									
Concrete	100%			2035	**	4		A	
Steel	100%			LIFE	**	2-8	\$4,800	A	
Mat (scour & erosion)									
Earth	100%			LIFE	**			A	
Pavement Base									
Not Accessible	100%							D	
Piers									
Cap Beam									
Steel	95%			LIFE	**	2-8	\$140,400	A	
Steel	5%	4+	\$5,100	LIFE	**	2-8	\$140,400	A	
Rust Stains, Extent : Light, Area Affected : 5%									
Location : Pier 5									
Pier,Columns									
Steel	100%			LIFE	**	2-8	\$35,000	B	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Steel Box Columns Filled With Concrete									
Brngs,Ancr Blts,Pads									
Generic	100%			LIFE	**			A	
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Generic	100%			LIFE	**			A	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Throughout									
Explanation : Asphalt, Pavers And Concrete									
Deck Elements									
Median									
Concrete	100%			LIFE	**	5	\$4,200	A	
Mono Deck Surface									
Concrete	100%			2048	**	5		C	
Railings/Parapets									
Concrete	100%			2035	**	4		A	
Steel	100%			LIFE	**	2-8	\$23,700	A	
Superstructure									

Note : 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		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Superstructure								
Deck,Structural Concrete	90%			LIFE	* *	5	\$46,100	A
	Other Observation, Extent : Light, Area Affected : 40%							
	Location : Fascias And Utility Bay							
	Explanation : Metal Deck Forms							
Concrete	10%	4+	\$24,900	LIFE	* *	5	\$46,100	A
	Cracks, Extent : Light, Area Affected : 2%							
	Location : Overhangs At Both Fascias And Along Construction Joints							
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Steel	95%			LIFE	* *	2-8	\$773,600	A
Steel	5%	4+	\$2,353,100	LIFE	* *	2-8	\$773,600	A
	Corrosion, Extent : Moderate, Area Affected : 20%							
	Location : At Ends Of Beams At Piers							
Secondary Member								
Steel	95%			LIFE	* *	2-8	\$648,100	B
Steel	5%	4+	\$20,300	LIFE	* *	2-8	\$648,100	B
	Loose Fastenings, Extent : Light, Area Affected : 5%							
	Location : Loose Bolts At Diaphragms At Span 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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : NEREID AVENUE (2241880)  
**Address** : OVER BRONX RIVER PARKWAY  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0151.000 / 13514 **Yr Built/Renovated** :  
**Area Sq Ft** : 57,750 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 24-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 1067150

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$7,803,300	\$759,700
<b>Total</b>	<b>\$7,803,300</b>	<b>\$759,700</b>
Priority A	\$6,976,200	\$662,200
Priority B	\$639,900	
Priority C	\$187,300	\$97,500
<b>Total</b>	<b>\$7,803,300</b>	<b>\$759,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$37,000		\$1,000	
<b>Total</b>	<b>\$37,000</b>		<b>\$1,000</b>	
Priority A	\$8,600		\$1,000	
Priority C	\$28,400			
<b>Total</b>	<b>\$37,000</b>		<b>\$1,000</b>	



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

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

\*\* 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		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	
Mat (scour & erosion)									
Earth	100%			LIFE	**			B	
Stem (breastwall)									
Concrete	10%	4+	\$190,000	LIFE	**			B	
	Spalling, Extent : Moderate, Area Affected : 5% Location : Random								
Concrete	90%			LIFE	**			B	
Wingwalls									
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%	4+	\$900	LIFE	**			C	
	Erosion, Extent : Light, Area Affected : 25% Location : Left Wingwall At Begin Abutment								
Walls									
Concrete	25%	4+	\$43,000	LIFE	**			C	
	Cracks, Extent : Light, Area Affected : 25% Location : Throughout Efflorescence, Extent : Light, Area Affected : 25% Location :								
Concrete	75%			LIFE	**			C	
Stream Channel									
Bank Protection									
Generic	100%			LIFE	**			C	
Mat (scour & erosion)									
Generic	100%			LIFE	**			A	
Approaches									
Pavement									
Asphalt	100%	4+	\$38,000	2026	**	4	\$8,000	C	
	Settlement, Extent : Moderate, Area Affected : 30% Location : West Approach Other Observation, Extent : Light, Area Affected : 100% Location : West Approach Explanation : Pavement Consist Of 50% Asphalt And 50% Concrete								
Concrete	100%	4+	\$61,700	2030	**	4	\$31,900	C	
	Cracks, Extent : Moderate, Area Affected : 10% Location : West Approach Spalling, Extent : Severe, Area Affected : 10% Location : Random								
Curbs									
Concrete w/ Steel Face	100%			LIFE	**			A	
Embankment									
Earth	100%			LIFE	**			C	

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**NEREID AVENUE (2241880)**  
**Asset # : 13514**

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								
Guide Railing								
Concrete	100%	4+	\$1,300	2030	* *	4	\$4,500	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Guiderail Consist Of 50% Steel And 50% Concrete								
Steel	100%			LIFE	* *	2-8	\$4,600	A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks/Fascias								
Concrete	100%	4+	\$10,000	LIFE	* *			C
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Random								
Piers								
Cap Beam								
Concrete	10%	4+	\$44,300	LIFE	* *			A
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations								
Concrete	90%			LIFE	* *			A
Pier,Columns								
Concrete	100%	4+	\$449,800	LIFE	* *			B
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Random								
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%	4+	\$7,300	LIFE	* *			A
Broken/Missing Element, Extent : Light, Area Affected : 1%								
Location : North Curb West End								
Exposed Reinforcement, Extent : Light, Area Affected : 1%								
Location : North Curb West End								
Spalling, Extent : Light, Area Affected : 1%								
Location : North Curb West End								
Other Observation, Extent : Light, Area Affected : 1%								
Location : North Curb West End								
Explanation : Missing Steel Face Of Curb Approximately 10 Feet								

Note : 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**  
**NEREID AVENUE (2241880)**  
**Asset # : 13514**

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								
Railings/Parapets Steel	100%			LIFE	* *	2-8	\$23,700	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steel Railing Without Parapets								
Sidewalks/Fascias								
Concrete	100%	4+	\$17,500	2026	* *	5	\$9,500	C
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Random								
Wearing Surface								
Concrete	100%	4+	\$44,500	2030	* *	5	\$97,500	C
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : At Joints								
Explanation : Deteriorated Edges At Joints								
Superstructure								
Primary Member Concrete	100%	4+	\$6,931,900	LIFE	* *	5	\$662,200	A
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Underside Of The Arch								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Underside Of Arch								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Underside Of The Arch								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Underside Of The Arch								
Explanation : Deteriorated Surface								

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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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 16-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231870

CAPITAL		FY 2014 - 2017	FY 2018 - 2023
Bridge Structure		\$471,800	
<b>Total</b>		<b>\$471,800</b>	
Priority B		\$181,500	
Priority C		\$290,400	
<b>Total</b>		<b>\$471,800</b>	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$2,100		\$11,700	
<b>Total</b>	<b>\$2,100</b>		<b>\$11,700</b>	
Priority C	\$2,100		\$11,700	
<b>Total</b>	<b>\$2,100</b>		<b>\$11,700</b>	



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 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**  
**NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND**  
**Asset # : 13711**

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 Concrete	100%			LIFE	* *			A
Backwall Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads Elastomeric	100%			2041	* *			A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	* *			B
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	50%	4+	\$151,200	LIFE	* *			B
	Cracks, Extent : Moderate, Area Affected : 50% Location : Begin Abutment							
Concrete	50%	4+	\$30,200	LIFE	* *			B
	Cracks, Extent : Light, Area Affected : 20% Location : End Abutment							
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Concrete	100%	4+	\$290,400	LIFE	* *			C
	Cracking/Crumbling, Extent : Light, Area Affected : 2% Location : Cracking/crumbling Of Mortar Throught Walls Other Observation, Extent : Light, Area Affected : 100% Location : Begin And End Wingwalls Explanation : Wingwalls Are Concrete With Stone Facing							
Approaches								
Pavement Asphalt	100%			2022		4		C
	Cracks, Extent : Moderate, Area Affected : 50% Location : Both Approaches Other Observation, Extent : Light, Area Affected : 100% Location : Both Approaches Explanation : Asphalt 50%; Concrete 50%							
Concrete	100%			2030	* *	4	\$6,300	C
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment Earth	100%			LIFE	* *			C

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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**  
**NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND**  
**Asset # : 13711**

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								
Guide Railing								
Steel	100%			LIFE	* *	2-8		A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			A
Pier,Columns								
Concrete	100%			LIFE	* *			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Columns								
Explanation : The Columns Are Concrete With Stone Veneer								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2041	* *			A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			A
Pedestals								
Concrete	100%			LIFE	* *			B
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Mono Deck Surface								
Concrete	100%			2041	* *	5	\$23,500	C
Railings/Parapets								
Steel	100%			LIFE	* *	2-8		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Fascias								
Explanation : Chain Link Fence Behind Steel Bridge Rail								
Sidewalks/Fascias								
Concrete	100%			2026	* *	5		C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Deck								
Explanation : Bottom Covered With Stay In Place Forms								
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Steel	100%			LIFE	* *	2-8		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**  
**NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND**  
**Asset # : 13711**

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								
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$21,888,900	\$211,700
<b>Total</b>	<b>\$21,888,900</b>	<b>\$211,700</b>
Priority A	\$19,547,400	\$172,000
Priority B	\$753,300	
Priority C	\$1,588,300	\$39,800
<b>Total</b>	<b>\$21,888,900</b>	<b>\$211,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$120,100		\$19,700	
<b>Total</b>	<b>\$120,100</b>		<b>\$19,700</b>	
Priority A	\$70,900		\$6,900	
Priority B	\$28,200		\$200	
Priority C	\$21,100		\$12,600	
<b>Total</b>	<b>\$120,100</b>		<b>\$19,700</b>	



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL**  
**Asset # : 2512**

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								
Not Accessible	100%							D
Backwall								
Concrete	100%	4+	\$848,900	LIFE		* *		C
			Spalling, Extent : Moderate, Area Affected : 20%					
			Location : Random					
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE		* *		B
Stem (breastwall)								
Concrete	100%	2-4	\$753,300	LIFE		* *		B
			Cracks, Extent : Light, Area Affected : 10%					
			Location : Random					
			Efflorescence, Extent : Light, Area Affected : 10%					
			Location : Random					
			Spalling, Extent : Light, Area Affected : 10%					
			Location : Random					
Masonry: Sandstone	20%	4+	\$14,000	LIFE		* *		B
			Cracks, Extent : Light, Area Affected : 10%					
			Location : South End					
			Efflorescence, Extent : Light, Area Affected : 10%					
			Location : Random					
			Leakage, Extent : Light, Area Affected : 10%					
			Location : South End					
			Other Observation, Extent : Light, Area Affected : 10%					
			Location : Random					
			Explanation : Loss Of Section					
Masonry: Sandstone	80%			LIFE		* *		B
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE		* *		C
Piles								
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**  
**PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL**  
**Asset # : 2512**

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
Wingwalls								
Walls								
Concrete	100%	4+	\$739,400	LIFE		**		C
	Cracks, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Damaged Railing, Extent : Light, Area Affected : 1%							
	Location : Deformed Steel Railing On Top Of Wingwall							
	Spalling, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 15%							
	Location : Random							
	Explanation : Uneven Patching							
Granite	90%			LIFE		**		C
	Cracks, Extent : Severe, Area Affected : 30%							
	Location : Random							
	Efflorescence, Extent : Moderate, Area Affected : 20%							
	Location : South End							
Granite	10%			LIFE		**		C
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Top Of Wingwalls							
	Explanation : Ornamental Granite Parapet On Wingwalls							
Approaches								
Pavement								
Asphalt	100%			2024		**	4	\$25,300 C
	Settlement, Extent : Light, Area Affected : 10%							
	Location : Random							
Curbs								
Concrete	100%			LIFE		**		A
Concrete w/ Steel Face	100%			LIFE		**		A
Granite	100%			LIFE		**		A
	Settlement, Extent : Moderate, Area Affected : 20%							
	Location : Random							
	Spalling, Extent : Moderate, Area Affected : 20%							
	Location : Random							
Guide Railing								
Steel	100%			LIFE		**	2-8	\$106,000 A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	95%			LIFE		**		C
Concrete	5%	4+	\$300	LIFE		**		C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random							
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**  
**PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL**  
**Asset # : 2512**

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	100%			LIFE	**			A	
Granite	95%			LIFE	**			A	
Granite	5%	4+	\$14,700	LIFE	**			A	
Broken/Missing Element, Extent : Light, Area Affected : 5%									
Location : Random									
Settlement, Extent : Light, Area Affected : 8%									
Location : Random									
Gratings									
Steel	100%			LIFE	**			A	
Median									
Concrete	95%			LIFE	**	5		A	
Vegetation Growth, Extent : Light, Area Affected : 10%									
Location : At Face Of Median Curb									
Other Observation, Extent : Light, Area Affected : 75%									
Location : Throughout									
Explanation : Trees And Plants Are Placed On The Median									
Concrete	5%	4+	\$2,200	LIFE	**	5		A	
Cracks, Extent : Light, Area Affected : 8%									
Location : Random									
Steel	100%			LIFE	**	4-8		A	
Railings/Parapets									
Granite	95%			LIFE	**			A	
Granite	5%	Now	\$113,700	LIFE	**			A	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Southeast Corner Of Structure									
Explanation : Chain-link Fence Placed In Front Of Failed Parapet									
Steel	100%			LIFE	**	2-8	\$78,900	A	
Sidewalks/Fascias									
Concrete	100%			2028	**	5	\$8,000	C	
Granite Paver	100%			LIFE	**			C	
Other Observation, Extent : Light, Area Affected : 100%									
Location : North Fascia									
Explanation : Paver Sidewalk At North Fascia									
Wearing Surface									
Asphalt	90%			2024	**	5	\$39,800	C	
Asphalt	10%	4+	\$900	2024	**	5	\$19,900	C	
Cracks, Extent : Light, Area Affected : 10%									
Location : Intersections									
Settlement, Extent : Light, Area Affected : 10%									
Location : Random									

## Superstructure

Note : 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**  
**PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL**  
**Asset # : 2512**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural Concrete	100%	4+	\$2,645,700	LIFE	* *	5	\$32,600	A
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Deck Steel Corrugate Is Used. There Are 5% Of Corrosion On The Steel Corrugate.</i>								
Primary Member								
Concrete	100%			LIFE	* *	5	\$243,800	A
Steel	100%	4+	\$16,650,100	LIFE	* *	2-8	\$63,800	A
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random</i>								
Secondary Member								
Steel	100%	4+	\$14,100	LIFE	* *	2-8	\$2,300	B
<i>Loss of Section, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random</i>								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 27-Oct-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 206672A

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$449,200	
<b>Total</b>	<b>\$449,200</b>	
Priority A	\$191,400	
Priority B	\$257,800	
<b>Total</b>	<b>\$449,200</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$26,900	\$700	\$3,900	\$3,000
<b>Total</b>	<b>\$26,900</b>	<b>\$700</b>	<b>\$3,900</b>	<b>\$3,000</b>
Priority A	\$24,500		\$2,100	
Priority B	\$800		\$1,800	
Priority C	\$1,700	\$700		\$3,000
<b>Total</b>	<b>\$26,900</b>	<b>\$700</b>	<b>\$3,900</b>	<b>\$3,000</b>



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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2918**

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 Concrete	100%			LIFE	**			A	
Backwall Concrete	80%			LIFE	**			C	
Concrete	20%	4+	\$500	LIFE	**			C	
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Spalling, Extent : Light, Area Affected : 10%									
Location :									
Brngs,Ancr Blts,Pads									
Steel	100%			LIFE	**			A	
Footings									
Not Accessible	100%							D	
Joint with Deck									
Generic	100%			LIFE	**			B	
Mat (scour & erosion)									
Earth	100%			LIFE	**			B	
Pedestals									
Concrete	90%			LIFE	**			A	
Concrete	10%	4+	\$3,800	LIFE	**			A	
Spalling, Extent : Light, Area Affected : 10%									
Location :									
Stem (breastwall)									
Brick Veneer	100%			LIFE	**			B	
Granite	100%	2-4	\$257,800	LIFE	**			B	
Loose Elements, Extent : Severe, Area Affected : 50%									
Location : Random									
Wingwalls									
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%			LIFE	**			C	
Piles									
Not Accessible	100%							D	
Walls									
Brick Veneer	90%			LIFE	**			C	
Brick Veneer	10%	4+	\$400	LIFE	**			C	
Other Observation, Extent : Light, Area Affected : 20%									
Location : Top Of The Wingwalls									
Explanation : Broken And Or Missing Elements									
Approaches									
Pavement									
Concrete	100%			2031	**	4	\$2,200	C	
Other Observation, Extent : Light, Area Affected : 5%									
Location : Bottom Third Of Ramp At Railing									
Explanation : Vegetation Growth									

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2918**

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									
Embankment Earth	100%			LIFE	**			C	
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Park Approach									
Explanation : Construction Ongoing									
Guide Railing Steel	100%			LIFE	**	2-8	\$2,400	A	
Mat (scour & erosion) Earth	100%			LIFE	**			A	
Pavement Base Not Accessible	100%							D	
Piers									
Pier,Columns Steel	100%			LIFE	**	2-8	\$9,300	B	
Stem,Solid Pier Brick Veneer	90%			LIFE	**			B	
Brick Veneer	10%	4+	\$100	LIFE	**			B	
Other Observation, Extent : Light, Area Affected : 5%									
Location : Throughout									
Explanation : Broken And Or Missing Elements									
Brngs,Ancr Blts,Pads Steel	100%	4+	\$16,800	LIFE	**	2-8	\$1,100	A	
Corrosion, Extent : Light, Area Affected : 2%									
Location : Underneath Masonry Plates									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Earth	100%			LIFE	**			A	
Pedestals Concrete	90%			LIFE	**			B	
Concrete	10%	4+	\$600	LIFE	**			B	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random									
Spalling, Extent : Light, Area Affected : 10%									
Location : Random									
Deck Elements									
Curbs Concrete	80%			2042	**			A	
Concrete	20%	4+	\$191,400	2042	**			A	
Rust Stains, Extent : Moderate, Area Affected : 10%									
Location : Random									
Spalling, Extent : Moderate, Area Affected : 20%									
Location : Random									

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2918**

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	60%			2042	* *	5	\$6,100	C
Concrete	40%	4+	\$700	2042	* *	5	\$3,000	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Random								
Railings/Parapets								
Steel	90%			LIFE	* *	2-8	\$7,000	A
Steel	10%	0-2	\$1,100	LIFE	* *	2-8	\$7,000	A
Other Observation, Extent : Severe, Area Affected : 100%								
Location : At Begin Abutment Right Side								
Explanation : Corroded, Broken Railing								
Superstructure								
Deck,Structural								
Concrete	90%			LIFE	* *	5	\$1,600	A
Concrete	10%	4+	\$2,800	LIFE	* *	5	\$1,600	A
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Steel	100%			LIFE	* *	2-8	\$27,200	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$22,800	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 27-Oct-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 206672B

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bridge Structure	\$95,700	
<b>Total</b>	<b>\$95,700</b>	
Priority A	\$95,700	
<b>Total</b>	<b>\$95,700</b>	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$20,300		\$3,800	\$3,000
<b>Total</b>	<b>\$20,300</b>		<b>\$3,800</b>	<b>\$3,000</b>
Priority A	\$7,000		\$1,900	
Priority B	\$6,100		\$1,900	
Priority C	\$7,300			\$3,000
<b>Total</b>	<b>\$20,300</b>		<b>\$3,800</b>	<b>\$3,000</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2919**

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								
Concrete	90%			LIFE	* *			A
Concrete	10%	4+	\$1,300	LIFE	* *			A
Cracks, Extent : Light, Area Affected : 10%								
Location :								
Backwall								
Concrete	80%			LIFE	* *			C
Concrete	20%	2-4	\$2,200	LIFE	* *			C
Cracks, Extent : Moderate, Area Affected : 10%								
Location :								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			A
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			B
Mat (scour & erosion)								
Earth	100%			LIFE	* *			B
Pedestals								
Concrete	100%			LIFE	* *			A
Stem (breastwall)								
Concrete	100%			LIFE	* *			B
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : With Brick Veneer.								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : With Brick Veneer								
Approaches								
Pavement								
Concrete	100%	4+	\$3,800	2031	* *	4	\$1,500	C
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Random								
Explanation : Vegetation Growth								
Curbs								
Granite	100%			LIFE	* *			A
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : At Bottom Of Ramp								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2919**

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									
Guide Railing									
Steel	100%			LIFE	* *	2-8	\$2,400	A	
Mat (scour & erosion)									
Earth	100%			LIFE	* *			A	
Pavement Base									
Not Accessible	100%							D	
Piers									
Pier,Columns									
Steel	100%			LIFE	* *	2-8	\$9,300	B	
Stem,Solid Pier									
Brick Veneer	80%			LIFE	* *			B	
Brick Veneer	20%	2-4	\$1,100	LIFE	* *			B	
Other Observation, Extent : Moderate, Area Affected : 25%									
Location :									
Explanation : Loose Element									
Concrete	100%			LIFE	* *			B	
Brngs,Ancr Blts,Pads									
Steel	100%			LIFE	* *	2-8	\$1,100	A	
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%			LIFE	* *			A	
Pedestals									
Concrete	80%			LIFE	* *			B	
Concrete	20%	4+	\$5,100	LIFE	* *			B	
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Spalling, Extent : Light, Area Affected : 10%									
Location :									
Deck Elements									
Curbs									
Concrete	90%			2042	* *			A	
Concrete	10%	4+	\$95,700	2042	* *			A	
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Mono Deck Surface									
Concrete	85%			2042	* *	5	\$6,100	C	
Concrete	15%	4+	\$500	2042	* *	5	\$3,000	C	
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Railings/Parapets									
Steel	100%			LIFE	* *	2-8	\$7,000	A	
Superstructure									

Note : 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**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2919**

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								
Deck,Structural								
Concrete	80%			LIFE	* *	5	\$1,700	A
Concrete	20%	4+	\$5,700	LIFE	* *	5	\$1,700	A
Cracks, Extent : Light, Area Affected : 10%								
Location :								
Efflorescence, Extent : Light, Area Affected : 10%								
Location :								
Spalling, Extent : Light, Area Affected : 10%								
Location :								
Joints								
Generic	50%			LIFE	* *			C
Generic	50%	2-4	\$800	LIFE	* *			C
Settlement, Extent : Light, Area Affected : 25%								
Location :								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$28,700	A
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Temporary Shoring On West Stringer Near End Abutment Area By Construction Of Ramp And Utilities.								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$24,100	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : PROMENADE OVER FDR BRIDGE 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** : 26-Oct-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2232167

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$15,002,800	\$2,658,800
<b>Total</b>	<b>\$15,002,800</b>	<b>\$2,658,800</b>
Priority A	\$14,209,600	\$305,700
Priority B	\$73,800	
Priority C	\$719,500	\$2,353,000
<b>Total</b>	<b>\$15,002,800</b>	<b>\$2,658,800</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$86,700	\$30,200	\$7,200	
<b>Total</b>	<b>\$86,700</b>	<b>\$30,200</b>	<b>\$7,200</b>	
Priority A	\$36,000	\$30,200	\$6,400	
Priority B	\$17,400		\$800	
Priority C	\$33,300			
<b>Total</b>	<b>\$86,700</b>	<b>\$30,200</b>	<b>\$7,200</b>	



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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**PROMENADE OVER FDR BRIDGE PROMENADE OVER FDR/79TH-91ST ST**  
**Asset # : 2925**

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
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Granite	75%			LIFE	**			C
Granite	25%	4+	\$8,600	LIFE	**			C
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Lower Two Courses Of Stones								
Loose Elements, Extent : Moderate, Area Affected : 10%								
Location :								
Stream Channel								
Bank Protection								
Riprap	100%			LIFE	**			C
Pier Protection								
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	100%	4+	\$12,600	2023	\$629,700	4	\$9,900	C
Cracks, Extent : Light, Area Affected : 2%								
Location : Throughout The North Approach								
Spalling, Extent : Light, Area Affected : 2%								
Location : Throughout The Approaches								
Guide Railing								
Steel	75%			LIFE	**	2-8	\$9,500	A
Steel	25%	4+	\$10,200	LIFE	**	2-8	\$9,500	A
Corrosion, Extent : Moderate, Area Affected : 10%								
Location :								
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Masonry	100%			LIFE	**			C
Steel	75%			LIFE	**			C
Steel	25%	4+	\$12,100	LIFE	**			C
Corrosion, Extent : Moderate, Area Affected : 10%								
Location : Throughout Top Rail								
Piers								
Cap Beam								
Concrete	95%			LIFE	**			A
Concrete	5%	4+	\$239,100	LIFE	**			A
Spalling, Extent : Light, Area Affected : 5%								
Location :								

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

Maintenance \$ are aggregated over a ten-year period. Site 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 BRIDGE PROMENADE OVER FDR/79TH-91ST ST**  
**Asset # : 2925**

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	
Piers									
Pier,Columns									
Concrete	90%			LIFE	**			B	
Concrete	10%	4+	\$73,800	LIFE	**			B	
Spalling, Extent : Light, Area Affected : 5%									
Location :									
Other Observation, Extent : Light, Area Affected : 5%									
Location : Pier 1									
Explanation : Area Currently Under Repair, Begin Abutment Through 84th Street.									
Steel	80%			LIFE	**	2-8	\$11,700	B	
Steel	20%	4+	\$17,400	LIFE	**	2-8	\$11,700	B	
Corrosion, Extent : Light, Area Affected : 10%									
Location :									
Rust Stains, Extent : Light, Area Affected : 10%									
Location :									
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%			LIFE	**			A	
Deck Elements									
Railings/Parapets									
Concrete	80%			2031	**	4	\$90,600	A	
Concrete	20%	4+	\$730,300	2031	**	4	\$60,400	A	
Cracks, Extent : Moderate, Area Affected : 10%									
Location : Throughout									
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%									
Location : Concentrated At Joints									
Rust Stains, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Spalling, Extent : Moderate, Area Affected : 10%									
Location : Random, Also Concentrated At Joints									
Steel	95%			LIFE	**	2-8	\$82,900	A	
Steel	5%	4+	\$25,800	LIFE	**	2-8	\$82,900	A	
Corrosion, Extent : Light, Area Affected : 10%									
Location : Random									
Rust Stains, Extent : Moderate, Area Affected : 20%									
Location : Randum									
Other Observation, Extent : Severe, Area Affected : 10%									
Location : Railing Supports At Joints									
Explanation : Dislocated Anchors, Missing Concrete Around Anchors									

Note : 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**  
**PROMENADE OVER FDR BRIDGE PROMENADE OVER FDR/79TH-91ST ST**  
**Asset # : 2925**

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								
Wearing Surface								
Asphalt	85%			2020	\$1,000,200	5	\$102,200	C
Asphalt	15%	2-4	\$35,300	2023	\$176,500	5	\$51,100	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Loose Elements, Extent : Light, Area Affected : 5%								
Location : Random								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All								
Explanation : Asphalt Pavers								
Concrete	80%			2025	**	5	\$444,300	C
Concrete	20%	4+	\$271,600	2025	**	5	\$222,200	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Light, Area Affected : 15%								
Location : Random								
Superstructure								
Deck,Structural								
Concrete	70%			LIFE	**	5	\$83,800	A
Concrete	15%	4+	\$4,413,400	LIFE	**	5	\$83,800	A
Cracks, Extent : Light, Area Affected : 20%								
Location : Random								
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location : Random								
Recent Replace Evident, Extent : Light, Area Affected : 10%								
Location : Repair To Underside Of Deck Evident								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random								
Concrete	15%	2-4	\$8,826,800	LIFE	**	5	\$83,800	A
Cracks, Extent : Severe, Area Affected : 20%								
Location : Random								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : Random								
Joints								
Generic	33%			LIFE	**			C
Generic	67%	0-2	\$139,300	LIFE	**			C
Broken/Missing Element, Extent : Severe, Area Affected : 50%								
Location : In Four Spans Per Biennial 2009								
Leakage, Extent : Severe, Area Affected : 50%								
Location : In Several Spans Per Biennial 2009								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 12-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230209

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$547,700	\$3,040,000
<b>Total</b>	<b>\$547,700</b>	<b>\$3,040,000</b>
Priority A	\$480,500	\$736,400
Priority B	\$67,200	\$736,500
Priority C		\$1,567,000
<b>Total</b>	<b>\$547,700</b>	<b>\$3,040,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$49,900		\$144,600	\$17,600
<b>Total</b>	<b>\$49,900</b>		<b>\$144,600</b>	<b>\$17,600</b>
Priority A	\$9,300		\$67,000	
Priority B	\$25,700		\$73,900	
Priority C	\$14,900		\$3,800	\$17,600
<b>Total</b>	<b>\$49,900</b>		<b>\$144,600</b>	<b>\$17,600</b>



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

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

*\*\* 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 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									
Not Accessible	100%							D	
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Not Accessible	100%							D	
Stem (breastwall)									
Brick Veneer	80%			LIFE		* *		B	
Brick Veneer	20%	4+	\$11,300	LIFE		* *		B	
Cracks, Extent : Moderate, Area Affected : 10%									
Location :									
Joints Missing, Extent : Moderate, Area Affected : 10%									
Location :									
Wingwalls									
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Not Accessible	100%							D	
Piles									
Not Accessible	100%							D	
Walls									
Not Accessible	100%							D	
Approaches									
Pavement									
Asphalt	5%	4+	\$5,800	2022	\$58,100	4	\$18,200	C	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random									
Settlement, Extent : Moderate, Area Affected : 50%									
Location : Random									
Asphalt	95%			2022	\$1,103,100	4	\$27,400	C	
Curbs									
Concrete w/ Steel Face	80%			LIFE		* *		A	
Concrete w/ Steel Face	20%	4+	\$1,300	LIFE		* *		A	
Settlement, Extent : Light, Area Affected : 20%									
Location : Random									
Embankment									
Not Accessible	100%							D	
Sidewalks/Fascias									
Concrete	100%			LIFE		* *		C	

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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY**  
**Asset # : 2577**

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
Piers								
Cap Beam								
Steel	90%			LIFE	**	2-8	\$65,500	A
Steel	10%	4+	\$4,500	LIFE	**	2-8	\$65,500	A
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random								
Pier,Columns								
Steel	95%			LIFE	**	2-8	\$180,100	B
Steel	5%	4+	\$67,200	LIFE	**	2-8	\$180,100	B
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Deck Elements								
Curbs								
Concrete w/ Steel Face	80%			LIFE	**			A
Concrete w/ Steel Face	20%	2-4	\$2,400	LIFE	**			A
Settlement, Extent : Moderate, Area Affected : 25%								
Location :								
Median								
Concrete	100%			LIFE	**	5	\$500	A
Railings/Parapets								
Concrete	100%			2030	**	4	\$3,100	A
Sidewalks/Fascias								
Concrete	100%			2026	**	5	\$7,500	C
Wearing Surface								
Asphalt	100%			2022	\$405,800	5	\$35,200	C
Superstructure								
Deck,Structural								
Concrete	90%			LIFE	**	5	\$34,200	A
Concrete	10%	2-4	\$60,100	LIFE	**	5	\$34,200	A
Cracks, Extent : Light, Area Affected : 5%								
Location :								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location :								
Leakage, Extent : Moderate, Area Affected : 15%								
Location :								
Primary Member								
Steel	95%			LIFE	**	2-8	\$571,000	A
Steel	5%	4+	\$420,400	LIFE	**	2-8	\$571,000	A
Corrosion, Extent : Light, Area Affected : 5%								
Location :								

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

Maintenance \$ are aggregated over a ten-year period. Site 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 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								
Secondary Member								
Steel	95%			LIFE	* *	2-8	\$478,300	B
Steel	5%	4+	\$14,400	LIFE	* *	2-8	\$478,300	B
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location :</i>								

*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE  
**Address** : HENRY HUDSON PKWY AT 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** : 05-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 222934A

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$248,400	\$624,700
<b>Total</b>	<b>\$248,400</b>	<b>\$624,700</b>
Priority A	\$248,400	\$369,300
Priority B		\$168,400
Priority C		\$87,100
<b>Total</b>	<b>\$248,400</b>	<b>\$624,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$33,000		\$59,100	
<b>Total</b>	<b>\$33,000</b>		<b>\$59,100</b>	
Priority A	\$20,500		\$37,600	
Priority B	\$2,600		\$16,900	
Priority C	\$9,900		\$4,600	
<b>Total</b>	<b>\$33,000</b>		<b>\$59,100</b>	



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

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

\*\* 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 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								
Generic	100%			LIFE		* *		B
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Concrete	100%			LIFE		* *		B
Walls								
Concrete	100%			LIFE		* *		A
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE		* *		C
Approaches								
Pavement								
Asphalt	100%	4+	\$1,700	2022	\$87,100	4	\$1,300	C
	Cracks, Extent : Light, Area Affected : 1% Location : Random							
Concrete	100%	4+	\$2,700	2030	* *	4	\$5,000	C
	Cracks, Extent : Light, Area Affected : 20% Location : Random							
Curbs								
Concrete	100%			LIFE		* *		A
Concrete w/ Steel Face	100%			LIFE		* *		A
	Other Observation, Extent : Light, Area Affected : 100% Location : Curb Explanation : Concrete 25%, Concrete With Steel Face 25%, And Granite 50%							
Granite	100%			LIFE		* *		A
Embankment								
Earth	100%			LIFE		* *		C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE**

**Asset # : 2574**

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								
Guide Railing								
Concrete	100%			2036	**	4		A
Steel	100%	Now	\$7,900	LIFE	**	2-8	\$2,400	A
Damaged Railing, Extent : Severe, Area Affected : 80%								
Location : Begin Approach East Side								
Sidewalks/Fascias								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Steel	95%			LIFE	**	2-8	\$224,700	A
Steel	5%	4+	\$8,100	LIFE	**	2-8	\$224,700	A
Corrosion, Extent : Moderate, Area Affected : 5%								
Location : Random								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$233,100	B
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	100%	4+	\$2,600	LIFE	**			B
Cracks, Extent : Light, Area Affected : 1%								
Location : Random								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random								
Deck Elements								
Curbs								
Concrete	100%			2041	**			A
Granite	100%			LIFE	**			A
Settlement, Extent : Light, Area Affected : 5%								
Location : On The North West Side								
Mono Deck Surface								
Concrete	100%	4+	\$5,400	2041	**	5	\$23,500	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Light, Area Affected : 50%								
Location : On East Side Around Span 20								
Railings/Parapets								
Concrete	20%	4+	\$3,600	2030	**	4	\$1,700	A
Spalling, Extent : Moderate, Area Affected : 15%								
Location : West Side On Top Of Parapet								
Concrete	80%			2030	**	4	\$2,600	A
Steel	100%			LIFE	**	2-8	\$13,300	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**  
**RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE**  
**Asset # : 2574**

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									
Sidewalks/Fascias									
Concrete	100%			2026	* *	5	\$9,300	C	
Wearing Surface									
Cobblestone	100%			2026	* *			C	
Other Observation, Extent : Light, Area Affected : 1%									
Location : West And East Sides									
Explanation : Cobblestone Along West Side And Grassy Area Along East Side									
Superstructure									
Deck,Structural									
Concrete	100%			LIFE	* *	5	\$9,700	A	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Entire Deck									
Explanation : No Access To Tracks									
Joints									
Generic	100%			LIFE	* *			C	
Primary Member									
Steel	95%			LIFE	* *	2-8	\$163,400	A	
Steel	5%	4+	\$248,400	LIFE	* *	2-8	\$163,400	A	
Corrosion, Extent : Light, Area Affected : 5%									
Location : On Floor Beam Bottom Flanges Particularly Heavy At Joints									
Secondary Member									
Steel	100%			LIFE	* *	2-8	\$136,800	B	

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 28-Oct-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246720

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$17,390,100	\$5,049,700
<b>Total</b>	<b>\$17,390,100</b>	<b>\$5,049,700</b>
Priority A	\$15,640,000	\$4,034,900
Priority B	\$972,000	
Priority C	\$778,100	\$1,014,700
<b>Total</b>	<b>\$17,390,100</b>	<b>\$5,049,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$129,000	\$2,300	\$263,800	
<b>Total</b>	<b>\$129,000</b>	<b>\$2,300</b>	<b>\$263,800</b>	
Priority A	\$60,100	\$2,300	\$263,800	
Priority B	\$33,500			
Priority C	\$35,400			
<b>Total</b>	<b>\$129,000</b>	<b>\$2,300</b>	<b>\$263,800</b>	



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

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								
Concrete	50%			LIFE		* *		A
	Other Observation, Extent : Light, Area Affected : 40%							
	Location :							
	Explanation : Field Inspection Supplemented With Info From Biennial (typical)							
Concrete	50%	4+	\$232,600	LIFE		* *		A
	Cracks, Extent : Moderate, Area Affected : 25%							
	Location :							
	Spalling, Extent : Moderate, Area Affected : 25%							
	Location : At Begin Abutment							
Granite	100%			LIFE		* *		A
Backwall								
Concrete	100%			LIFE		* *		C
Brngs,Ancr Blts,Pads								
Steel	75%			LIFE		* *		A
Steel	25%	2-4	\$257,600	LIFE		* *		A
	Corrosion, Extent : Moderate, Area Affected : 25%							
	Location : Both Abutment							
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	50%			LIFE		* *		B
Generic	50%	2-4	\$120,400	LIFE		* *		B
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : End Abutment							
	Explanation : Worn Out Filler							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Pedestals								
Concrete	80%			LIFE		* *		A
Concrete	20%	4+	\$425,700	LIFE		* *		A
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : At Begin Abutment							
Stem (breastwall)								
Concrete	100%			LIFE		* *		B
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Begin Abutment							
	Explanation : Condition Repaired							
Granite	100%			LIFE		* *		B
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Begin Abutment							
	Explanation : Condition Repaired							
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

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
Wingwalls									
	Piles								
	Not Accessible	100%							D
Walls									
	Granite	100%			LIFE	**			C
	Masonry	100%	4+	\$27,700	LIFE	**			C
Vegetation Growth, Extent : Moderate, Area Affected : 25%									
Location : At Begin Abutment									
Approaches									
	Pavement								
	Asphalt	100%	4+	\$7,700	2023	\$386,800	4	\$6,600	C
Cracks, Extent : Light, Area Affected : 2%									
Location : At South Approach									
Recent Replace Evident, Extent : Light, Area Affected : 50%									
Location : New Asphalt At North Approach									
	Concrete	100%	4+	\$120,300	2031	**	4	\$25,200	C
Cracks, Extent : Light, Area Affected : 25%									
Location : At End Approach									
Spalling, Extent : Light, Area Affected : 5%									
Location : End Approach									
Curbs									
	Concrete w/ Steel Face	100%	4+	\$6,100	LIFE	**			A
Rust Stains, Extent : Light, Area Affected : 100%									
Location : At End Approach									
	Granite	100%			LIFE	**			A
Embankment									
	Generic	100%			LIFE	**			C
Guide Railing									
	Concrete	100%			2031	**	4	\$7,000	A
Mat (scour & erosion)									
	Earth	100%			LIFE	**			A
Pavement Base									
	Not Accessible	100%							D
Sidewalks/Fascias									
	Asphalt	100%			2023		4		C
	Concrete	100%			LIFE	**			C
Piers									
	Cap Beam								
	Concrete Encased Steel	100%			LIFE	**	5		A
	Steel	85%			LIFE	**	2-8	\$2,760,400	A
	Steel	15%	4+	\$1,057,700	LIFE	**	2-8	\$2,760,400	A
Corrosion, Extent : Moderate, Area Affected : 15%									
Location : On Cantilever Portions Span 42 To End									

Note : 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**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

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
Piers								
Pier,Columns								
Concrete Encased Steel	50%			LIFE	* *	5		B
Concrete Encased Steel	50%	0-2	\$600	LIFE	* *	5		B
Cracks, Extent : Moderate, Area Affected : 25%								
Location : On Cantilever Portions Span 42 To End								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : On Cantilever Portions Span 42 To End								
Stem,Solid Pier								
Masonry	80%			LIFE	* *			B
Masonry	20%	4+	\$851,600	LIFE	* *			B
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : On Face And Base Of Pier Respectively								
Explanation : Hollow Sound Area And Vertical Cracks And Vegetation Growth								
Brngs,Ancr Blts,Pads								
Steel	70%			LIFE	* *	2-8	\$142,300	A
Steel	30%	2-4	\$4,698,600	LIFE	* *	2-8	\$142,300	A
Corrosion, Extent : Light, Area Affected : 10%								
Location :								
Joint Freezing, Extent : Moderate, Area Affected : 10%								
Location :								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Several Spans								
Explanation : Missing Anchor Bolts								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								
Concrete	95%			LIFE	* *			B
Concrete	5%	4+	\$32,900	LIFE	* *			B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Span 40								
Explanation : Per Biennial Inspection Report The Right Wall Has Crack In Span 40 Which Propagates Into Pedestal								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Granite	90%			LIFE	* *			A
Granite	10%	4+	\$5,600	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.

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

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								
Guide Railing								
Concrete	95%			2035	**			A
Concrete	5%	4+	\$27,400	2035	**			A
Broken/Missing Element, Extent : Light, Area Affected : 10%								
Location :								
Cracks, Extent : Light, Area Affected : 25%								
Location :								
Spalling, Extent : Light, Area Affected : 10%								
Location :								
Railings/Parapets								
Masonry	95%			2031	**	5	\$21,200	A
Masonry	5%	4+	\$9,800	2031	**	5	\$10,600	A
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout, Concentrated At Joints								
Explanation : Missing Mortar And Vegetation Growth At Base Of Parapet								
Steel	95%			LIFE	**	2-8	\$19,500	A
Steel	5%	4+	\$11,200	LIFE	**	2-8	\$19,500	A
Corrosion, Extent : Light, Area Affected : 5%								
Location : At Base Of Railing, West Facia Parapet								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : At Base Of Parapet, West Side Fascia								
Explanation : Vegetation Growth								
Sidewalks/Fascias								
Concrete	90%			2027	**	5	\$96,100	C
Concrete	10%	4+	\$163,900	2027	**	5	\$48,100	C
Cracks, Extent : Moderate, Area Affected : 20%								
Location : At East Fascia Sidewalk								
Wearing Surface								
Concrete	95%			2031	**	5	\$531,800	C
Concrete	5%	2-4	\$74,800	2031	**	5	\$265,900	C
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Microcracks, Map Cracks And Delaminated Area.								
Superstructure								
Deck,Structural								
Concrete	50%			LIFE	**	5	\$163,400	A
Concrete	50%	4+	\$2,610,500	LIFE	**	5	\$163,400	A
Cracks, Extent : Moderate, Area Affected : 50%								
Location :								
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location :								
Spalling, Extent : Moderate, Area Affected : 10%								
Location :								

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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

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								
Joints								
Generic	80%			LIFE	* *			C
Generic	15%	2-4	\$57,300	LIFE	* *			C
Leakage, Extent : Moderate, Area Affected : 25%								
Location :								
Generic	5%	Now	\$47,700	LIFE	* *			C
Broken/Missing Element, Extent : Severe, Area Affected : 100%								
Location : East Fascia Sidewalk								
Primary Member								
Concrete Encased Steel	70%			LIFE	* *	5	\$598,600	A
Concrete Encased Steel	30%	2-4	\$6,357,300	LIFE	* *	5	\$598,600	A
Cracks, Extent : Moderate, Area Affected : 25%								
Location :								
Corrosion, Extent : Moderate, Area Affected : 25%								
Location :								
Spalling, Extent : Moderate, Area Affected : 25%								
Location :								
Other Observation, Extent : Light, Area Affected : 100%								
Location : At spans 1 to 40								
Explanation : Currently Under Repair								
Secondary Member								
Concrete Encased Steel	100%			2050	* *			B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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  
**Program / Asset #** : DOT0075.000 / 2499 **Yr Built/Renovated** : 1930 / 1989  
**Area Sq Ft** : 44,400 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 08-Aug-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249269

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,294,000	\$838,600
<b>Total</b>	<b>\$1,294,000</b>	<b>\$838,600</b>
Priority A	\$607,900	\$399,500
Priority B	\$359,500	\$359,500
Priority C	\$326,600	\$79,500
<b>Total</b>	<b>\$1,294,000</b>	<b>\$838,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$310,500		\$75,900	
<b>Total</b>	<b>\$310,500</b>		<b>\$75,900</b>	
Priority A	\$156,700		\$36,500	
Priority B	\$65,500		\$36,100	
Priority C	\$88,200		\$3,300	
<b>Total</b>	<b>\$310,500</b>		<b>\$75,900</b>	



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

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

\*\* 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		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 Generic	100%			LIFE	* *			A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Pot Bearing								
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	* *			B
Mat (scour & erosion) Generic	100%	4+	\$100	LIFE	* *			B
Broken/Missing Element, Extent : Light, Area Affected : 1%								
Location : Random, Concrete Block Covered								
Settlement, Extent : Light, Area Affected : 3%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random								
Explanation : Vegetation Growth								
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Concrete	100%	4+	\$23,500	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 2%								
Location : Random								
Stream Channel								
Bank Protection Concrete	100%	4+	\$268,600	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random								
Explanation : Exposed Reinforcement								

Note : 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**  
**SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE**

**Asset # : 2499**

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
Stream Channel								
Mat (scour & erosion)								
Stream Bed	100%			LIFE		* *		A
Approaches								
Pavement								
Asphalt	80%			2024		* *	\$6,600	C
Asphalt	20%	4+	\$20,100	2028		* *	\$6,600	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%								
Location : Random								
Concrete	100%	4+	\$15,600	2032		* *	\$25,200	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,600	LIFE		* *		A
Rust Stains, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Settlement, Extent : Moderate, Area Affected : 15%								
Location : Northeast Corner Of Bridge								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random								
Embankment								
Earth	100%			LIFE		* *		C
Guide Railing								
Steel	100%			LIFE		* *	\$7,600	A
Mat (scour & erosion)								
Earth	100%			LIFE		* *		A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	4+	\$2,200	LIFE		* *		C
Cracks, Extent : Light, Area Affected : 3%								
Location : Random								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random								
Piers								
Cap Beam								
Concrete	100%			LIFE		* *		A
Pier,Columns								
Concrete	100%			LIFE		* *		B
Brngs,Ancr Blts,Pads								
Generic	100%			LIFE		* *		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Pot Bearing								

Note : 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**  
**SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE**  
**Asset # : 2499**

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
Piers								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	100%			LIFE	**			B
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$9,400	LIFE	**			A
			Rust Stains, Extent : Severe, Area Affected : 75%					
			Location : Throughout					
Railings/Parapets								
Concrete	100%	4+	\$16,900	2032	**	4	\$7,000	A
			Cracks, Extent : Light, Area Affected : 2%					
			Location : At Base Of Light Post Pedestals					
			Efflorescence, Extent : Light, Area Affected : 3%					
			Location : At Base Of Light Post Pedestals					
			Rust Stains, Extent : Light, Area Affected : 3%					
			Location : At Base Of Light Post Pedestals					
			Other Observation, Extent : Light, Area Affected : 2%					
			Location : Random					
			Explanation : Scaling					
Steel	100%			LIFE	**	2-8	\$15,700	A
			Other Observation, Extent : Light, Area Affected : 5%					
			Location : Close To The End Approach					
			Explanation : Vegetation Growth					
Sidewalks/Fascias								
Concrete	100%	4+	\$26,800	2028	**	5	\$9,100	C
			Cracks, Extent : Light, Area Affected : 2%					
			Location : Random					
			Spalling, Extent : Light, Area Affected : 1%					
			Location : Random					
			Other Observation, Extent : Light, Area Affected : 2%					
			Location : Random					
			Explanation : Scaling					
Wearing Surface								
Concrete	100%	4+	\$58,000	2032	**	5	\$79,500	C
			Cracks, Extent : Light, Area Affected : 2%					
			Location : Random					
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$248,300	LIFE	**	5	\$40,000	A
			Cracks, Extent : Light, Area Affected : 3%					
			Location : Random					
			Efflorescence, Extent : Light, Area Affected : 3%					
			Location : 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**  
**SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE**  
**Asset # : 2499**

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	100%			LIFE	* *	2-8	\$1,151,000	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$987,500	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,762,900	\$1,947,000
<b>Total</b>	<b>\$1,762,900</b>	<b>\$1,947,000</b>
Priority A	\$1,172,000	\$1,158,000
Priority B	\$394,500	\$789,000
Priority C	\$196,400	
<b>Total</b>	<b>\$1,762,900</b>	<b>\$1,947,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$480,200		\$214,800	\$5,100
<b>Total</b>	<b>\$480,200</b>		<b>\$214,800</b>	<b>\$5,100</b>
Priority A	\$295,600		\$123,300	
Priority B	\$146,300		\$79,100	
Priority C	\$38,300		\$12,400	\$5,100
<b>Total</b>	<b>\$480,200</b>		<b>\$214,800</b>	<b>\$5,100</b>



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

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

\*\* 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		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)								
Granite	100%			LIFE	* *			B
Broken/Missing Element, Extent : Light, Area Affected : 2%								
Location : West Side Of The End Abutment								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside Cellular Abutment								
Explanation : A Furnished Office Space								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	* *			C
Piles								
Not Accessible	100%							D
Walls								
Concrete	90%			LIFE	* *			C
Concrete	10%	4+	\$2,800	LIFE	* *			C
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random								
Approaches								
Pavement								
Asphalt	60%			2024	* *	4	\$24,700	C
Asphalt	40%	2-4	\$196,400	2024	* *	4	\$24,700	C
Settlement, Extent : Moderate, Area Affected : 25%								
Location : Near End Of Approach								
Curbs								
Concrete w/ Steel Face	70%			LIFE	* *			A
Concrete w/ Steel Face	30%	4+	\$4,100	LIFE	* *			A
Corrosion, Extent : Light, Area Affected : 50%								
Location : About Bottom Part								
Settlement, Extent : Moderate, Area Affected : 30%								
Location : Various Locations								
Vegetation Growth, Extent : Severe, Area Affected : 100%								
Location : Throughout								

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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**SOUTH ST RAMP TO FDR/SOUTH ST**  
**Asset # : 4325**

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								
Guide Railing								
Concrete	50%			2032	**	4	\$10,600	A
Concrete	50%	4+	\$54,200	2032	**	4	\$10,600	A
	Cracks, Extent : Severe, Area Affected : 50%							
	Location : Full Length							
	Exposed Reinforcement, Extent : Moderate, Area Affected : 15%							
	Location : Random							
	Spalling, Extent : Severe, Area Affected : 50%							
	Location : Full Length							
Granite	100%	4+	\$43,500	LIFE	**			A
	Misaligned/Bulging, Extent : Light, Area Affected : 10%							
	Location : On South Parapet							
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	70%			LIFE	**			C
Concrete	30%	2-4	\$7,200	LIFE	**			C
	Settlement, Extent : Light, Area Affected : 5%							
	Location : At The End							
	Vegetation Growth, Extent : Light, Area Affected : 5%							
	Location : Random							
Piers								
Cap Beam								
Steel	80%			LIFE	**	2-8	\$1,011,600	A
Steel	20%	4+	\$348,800	LIFE	**	2-8	\$604,700	A
	Corrosion, Extent : Moderate, Area Affected : 20%							
	Location : Surface Rust Under Joints							
Pier,Columns								
Steel	95%			LIFE	**	2-8	\$363,700	B
Steel	5%	4+	\$8,600	LIFE	**	2-8	\$222,000	B
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Random							
Stem,Solid Pier								
Granite	100%			LIFE	**			B
	Other Observation, Extent : Light, Area Affected : 12%							
	Location : Pier 7							
	Explanation : On Pier 7 Is A Solid Stem Pier							
Brngs,Ancr Blts,Pads								
Steel	80%			LIFE	**	2-8	\$600	A
Steel	20%	4+	\$4,700	LIFE	**	2-8	\$400	A
	Corrosion, Extent : Severe, Area Affected : 30%							
	Location : Pier 5							
Footings								
Not Accessible	100%							D
Deck Elements								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**SOUTH ST RAMP TO FDR/SOUTH ST**  
**Asset # : 4325**

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+	\$16,100	LIFE	**			A
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Railings/Parapets								
Concrete	100%			2032	**	4	\$2,300	A
Granite	100%			LIFE	**			A
Steel	88%			LIFE	**	2-8	\$15,300	A
Steel	12%	4+	\$3,700	LIFE	**	2-8	\$9,400	A
Corrosion, Extent : Light, Area Affected : 10%								
Location : In Spans 2 And 3, Bottom								
Sidewalks/Fascias								
Concrete	70%			2028	**	5	\$8,800	C
Concrete	30%	4+	\$17,000	2028	**	5	\$4,400	C
Spalling, Extent : Light, Area Affected : 15%								
Location : Random								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random								
Wearing Surface								
Asphalt	75%			2024	**	5	\$10,200	C
Asphalt	25%	4+	\$6,100	2024	**	5	\$5,100	C
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random								
Concrete	100%			2032	**	5	\$10,300	C
Superstructure								
Deck,Structural								
Concrete	85%			LIFE	**	5	\$19,300	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Temporary Concrete Barrier Is Used For One Lane Closure								
Concrete	15%	4+	\$77,500	LIFE	**	5	\$9,700	A
Cracks, Extent : Severe, Area Affected : 30%								
Location : Minor Cracks With Spalls In Span 2 To 5								
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	90%			LIFE	**	2-8	\$1,016,200	A
Steel	10%	4+	\$69,000	LIFE	**	2-8	\$592,900	A
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random								
Explanation : Paint Peeling								
Secondary Member								
Steel	90%			LIFE	**	2-8	\$871,900	B
Steel	10%	4+	\$15,200	LIFE	**	2-8	\$496,700	B
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Under Joint 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

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 2014 - 2017	FY 2018 - 2023
Bridge Structure	\$956,900	\$412,600
<b>Total</b>	<b>\$956,900</b>	<b>\$412,600</b>
Priority A	\$774,600	\$352,700
Priority B	\$142,600	\$59,900
Priority C	\$39,600	
<b>Total</b>	<b>\$956,900</b>	<b>\$412,600</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$126,300		\$49,300	\$25,900
<b>Total</b>	<b>\$126,300</b>		<b>\$49,300</b>	<b>\$25,900</b>
Priority A	\$101,200		\$43,300	
Priority B	\$25,100		\$6,000	
Priority C				\$25,900
<b>Total</b>	<b>\$126,300</b>		<b>\$49,300</b>	<b>\$25,900</b>



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

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\*\* 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	% 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
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			B
Mat (scour & erosion)								
Earth	100%			LIFE	* *			B
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
Piers								
Cap Beam								
Steel	60%	4+	\$152,700	LIFE	* *	2-8	\$183,500	A
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Random							
Steel	30%			LIFE	* *	2-8	\$306,900	A
Steel	10%			LIFE	* *	2-8	\$306,900	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Pier 2							
	Explanation : Covered By Temporary Shielding							
Pier,Columns								
Steel	65%			LIFE	* *	2-8	\$141,400	B
Steel	35%	4+	\$112,600	LIFE	* *	2-8	\$86,300	B
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Random							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Not Visible Due To High Tide							
Pedestals								
Concrete	100%			LIFE	* *			B
Deck Elements								
Railings/Parapets								
Concrete	100%			2032	* *	4	\$23,200	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**  
**SOUTH ST/FDR SB RAMP**  
**Asset # : 4326**

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								
Wearing Surface								
Concrete	50%			2032	* *	5	\$51,900	C
Concrete	50%	4+	\$39,600	2032	* *	5	\$25,900	C
Spalling, Extent : Light, Area Affected : 5%								
Location : Random								
Superstructure								
Deck,Structural								
Concrete	85%	4+	\$53,800	LIFE	* *	5	\$18,500	A
Spalling, Extent : Light, Area Affected : 5%								
Location : Topside Of Deck								
Concrete	15%	4+	\$9,500	LIFE	* *	5	\$18,500	A
Spalling, Extent : Light, Area Affected : 5%								
Location : Topside Of Deck								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 2 And 3								
Explanation : Covered By Temporary Shielding								
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Steel	85%	4+	\$361,100	LIFE	* *	2-8	\$72,600	A
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random								
Steel	15%			LIFE	* *	2-8	\$124,400	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Span 2 And 3								
Explanation : Covered By Temporary Shielding								
Secondary Member								
Steel	85%			LIFE	* *	2-8		B
Rust Stains, Extent : Light, Area Affected : 3%								
Location : Random								
Steel	15%			LIFE	* *	2-8		B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 2 And 3								
Explanation : Covered With Temporary Shielding								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : STILLWELL AVE. BRIDGE  
**Address** : CONEY ISLAND CREEK  
**Borough** : BROOKLYN  
**Program / Asset #** : DOT0164.000 / 13572  
**Area Sq Ft** : 17,000  
**Date of Survey** : 01-Nov-2010  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2240540  
**Agency's Number** : N/A  
**Yr Built/Renovated** :  
**Project Type** : HIGHWAY BRIDGES  
**Landmark Status** : NONE

**CAPITAL****Total**

Priority

**Total**

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$40,200	\$16,100	\$400	
<b>Total</b>	<b>\$40,200</b>	<b>\$16,100</b>	<b>\$400</b>	
Priority A			\$400	
Priority C	\$40,200	\$16,100		
<b>Total</b>	<b>\$40,200</b>	<b>\$16,100</b>	<b>\$400</b>	



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

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

\*\* 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 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 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%			LIFE	* *			B
	Missing/Damaged Seal, Extent : Light, Area Affected : 15%							
	Location : Random							
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : North Abutment							
	Explanation : Water Leakage Through Joint							
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Pedestals Not Accessible	100%							D
Stem (breastwall) Concrete	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	* *			C
Stream Channel								
Bank Protection Riprap	100%			LIFE	* *			C
Mat (scour & erosion) Earth	100%			LIFE	* *			A
Approaches								
Pavement Concrete	100%			2031	* *	4	\$48,300	C
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment Earth	100%			LIFE	* *			C
Guide Railing Steel	100%			LIFE	* *	2-8	\$4,600	A
Mat (scour & erosion) Earth	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.

Maintenance \$ are aggregated over a ten-year period. Site 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 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 Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	90%			LIFE	**			C
	Settlement, Extent : Light, Area Affected : 10%							
	Location : North East Corner							
Concrete	10%	4+	\$3,500	LIFE	**			C
	Cracks, Extent : Light, Area Affected : 20%							
	Location : Southeast Corner							
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
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
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$8,900	A
Sidewalks/Fascias								
Concrete	100%	4+	\$13,400	2027	**	5	\$4,200	C
	Cracks, Extent : Light, Area Affected : 15%							
	Location : Random							
Wearing Surface								
Concrete	100%	4+	\$23,300	2031	**	5	\$29,400	C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Localized At Random							
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Primary Member								
Not Accessible	100%							D
Secondary Member								
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.



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 1998 /  
**Area Sq Ft** : 7,267 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241170

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bridge Structure		\$502,600
<b>Total</b>		<b>\$502,600</b>
Priority C		\$502,600
<b>Total</b>		<b>\$502,600</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$17,500	\$16,900		
<b>Total</b>	<b>\$17,500</b>	<b>\$16,900</b>		
Priority C	\$17,500	\$16,900		
<b>Total</b>	<b>\$17,500</b>	<b>\$16,900</b>		



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

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

\*\* 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 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 Concrete	100%			LIFE	* *			A
Backwall Concrete	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 20% Location : Underside Of Deck Near Both Fascias Explanation : Backwall Only Visible At Utility Bays								
Brngs,Ancr Blts,Pads Elastomeric	100%			2041	* *			A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	* *			B
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	* *			C
Masonry: Stone	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 100% Location : Begin And End Abutments Explanation : Begin Left Wingwall Is Masonry. Begin Right Wingwall Is Concrete. End Left And End Right Wingwalls Are Concrete.								
Approaches								
Pavement Asphalt	100%	4+	\$10,100	2022	\$502,600	4	\$9,900	C
Cracks, Extent : Light, Area Affected : 2% Location : West Approach Other Observation, Extent : Light, Area Affected : 100% Location : Both Approaches Explanation : 50% Asphalt And 50% Concrete								
Concrete	100%			2030	* *	4	\$22,200	C
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment Earth	100%			LIFE	* *			C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK**  
**Asset # : 13716**

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								
Sidewalks/Fascias								
Concrete	95%			LIFE	**			C
Concrete	5%	4+	\$100	LIFE	**			C
Cracks, Extent : Light, Area Affected : 50%								
Location : Begin Approach; Left Side								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%			2030	**	4		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Left And Right Sides								
Explanation : Parapets Are Concrete With Corrugated Steel Sheeting								
Sidewalks/Fascias								
Concrete	100%			2026	**	5		C
Wearing Surface								
Concrete	100%			2030	**	5	\$33,800	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5		A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Span 1 Underside Of Deck								
Explanation : Stay In Place Forms Only At Utility Bays. Remainder Concrete Topping Over Box Beams								
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	**			A
Secondary Member								
Steel	100%			LIFE	**	2-8		B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Span 1								
Explanation : Secondary Steel Members Located Inside Of Box Beams Are Not Accesible								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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  
**Program / Asset #** : DOT0059.000 / 2484 **Yr Built/Renovated** : 1936 / 2000  
**Area Sq Ft** : 46,300 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241930

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$89,700	\$66,400
<b>Total</b>	<b>\$89,700</b>	<b>\$66,400</b>
Priority C	\$89,700	\$66,400
<b>Total</b>	<b>\$89,700</b>	<b>\$66,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$40,200		\$6,400	
<b>Total</b>	<b>\$40,200</b>		<b>\$6,400</b>	
Priority A	\$10,100		\$6,400	
Priority C	\$30,100			
<b>Total</b>	<b>\$40,200</b>		<b>\$6,400</b>	



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

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

\*\* 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**  
**Asset # : 2484**

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									
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		* *		B	
Misaligned/Bulging, Extent : Light, Area Affected : 2%									
Location : Random Both Sides									
Mat (scour & erosion)									
Earth	100%			LIFE		* *		B	
Pedestals									
Not Accessible	100%							D	
Stem (breastwall)									
Not Accessible	100%							D	
Wingwalls									
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Generic	100%			LIFE		* *		C	
Walls									
Not Accessible	100%							D	
Approaches									
Pavement									
Asphalt	100%	4+	\$10,000	2024		* *	4	\$6,600	C
Cracks, Extent : Light, Area Affected : 5%									
Location : Cracks And Small Potholes At Eastern Approach									
Concrete	100%	4+	\$15,600	2032		* *	4	\$25,200	C
Cracks, Extent : Light, Area Affected : 5%									
Location : Random									
Spalling, Extent : Light, Area Affected : 2%									
Location : At Joint Of West Abutment									
Curbs									
Concrete w/ Steel Face	100%			LIFE		* *			A
Corrosion, Extent : Light, Area Affected : 2%									
Location : Random									
Guide Railing									
Concrete	100%			2032		* *	4		A
Pavement Base									
Not Accessible	100%								D
Sidewalks/Fascias									
Concrete	100%	4+	\$4,400	LIFE		* *			C
Cracks, Extent : Light, Area Affected : 2%									
Location : Random Throughout, Crack At Northeast									

Note : 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**  
**TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD**  
**Asset # : 2484**

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	
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									
Concrete w/ Steel Face	100%			LIFE		* *		A	
Corrosion, Extent : Light, Area Affected : 5%									
Location : Random									
Railings/Parapets									
Concrete	100%			2032		* *	4	\$11,700	A
Steel	100%			LIFE		* *	2-8	\$26,200	A
Sidewalks/Fascias									
Concrete	100%	4+	\$41,300	2028		* *	5	\$14,000	C
Cracks, Extent : Light, Area Affected : 10%									
Location : Map Cracking At Southern Sidewalk, Random Cracks Throughout Both									
Wearing Surface									
Concrete	100%	4+	\$48,400	2032		* *	5	\$66,400	C
Cracks, Extent : Light, Area Affected : 2%									
Location : Random									
Superstructure									
Deck,Structural									
Not Accessible	100%								D
Primary Member									
Not Accessible	100%								D
Secondary Member									
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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 22-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241940

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bridge Structure	\$36,500	\$501,500
<b>Total</b>	<b>\$36,500</b>	<b>\$501,500</b>
Priority C	\$36,500	\$501,500
<b>Total</b>	<b>\$36,500</b>	<b>\$501,500</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$62,100		\$500	
<b>Total</b>	<b>\$62,100</b>		<b>\$500</b>	
Priority A			\$500	
Priority B	\$12,900			
Priority C	\$49,200			
<b>Total</b>	<b>\$62,100</b>		<b>\$500</b>	



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

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

\*\* 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 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									
Generic	100%	4+	\$12,900	LIFE		* *		B	
Spalling, Extent : Moderate, Area Affected : 30%									
Location : Along West Joint Header									
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)									
Earth	100%			LIFE		* *		C	
Piles									
Not Accessible	100%							D	
Walls									
Concrete	100%			LIFE		* *		C	
Approaches									
Pavement									
Asphalt	100%	4+	\$10,000	2023	\$501,500	4	\$6,600	C	
Cracks, Extent : Light, Area Affected : 15%									
Location : East Approach									
Other Observation, Extent : Moderate, Area Affected : 30%									
Location : East Approach									
Explanation : Uneven Surface									
Concrete	100%	4+	\$31,200	2031		* *	4	\$50,400	C
Delaminations, Extent : Light, Area Affected : 5%									
Location : Along West Joint Header									
Spalling, Extent : Light, Area Affected : 5%									
Location : West Joint Header									
Curbs									
Concrete w/ Steel Face	100%			LIFE		* *		A	
Embankment									
Earth	100%			LIFE		* *		C	
Guide Railing									
Concrete	100%			2035		* *	4	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**  
**TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS**  
**Asset # : 2485**

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								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	4+	\$8,000	LIFE		* *		C
Damaged Railing, Extent : Light, Area Affected : 5%								
Location : Random								
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)								
Not Accessible	100%							D
Pedestals								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		A
Railings/Parapets								
Concrete	100%			2035		* *	4	A
Steel	100%			LIFE		* *	2-8	A
Sidewalks/Fascias								
Concrete	100%	4+	\$36,500	2030		* *	5	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Wearing Surface								
Concrete	100%			2035		* *	5	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

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH  
**Address** : W 158TH STREET OVER AMTRAK 30TH ST. BRANCH  
**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** : 05-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245250

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$82,500	\$307,600
<b>Total</b>	<b>\$82,500</b>	<b>\$307,600</b>
Priority B	\$82,500	
Priority C		\$307,600
<b>Total</b>	<b>\$82,500</b>	<b>\$307,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$48,800		\$6,800	
<b>Total</b>	<b>\$48,800</b>		<b>\$6,800</b>	
Priority A	\$200		\$800	
Priority C	\$48,600		\$6,000	
<b>Total</b>	<b>\$48,800</b>		<b>\$6,800</b>	



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

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

\*\* 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 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 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%	4+	\$82,500	LIFE	* *			B
			Leakage, Extent : Light, Area Affected : 50%					
			Location : Random					
			Rust Stains, Extent : Light, Area Affected : 10%					
			Location : Random					
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	100%			LIFE	* *			B
Walls Concrete	100%			LIFE	* *			A
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	* *			C
Approaches								
Pavement Asphalt	100%	4+	\$4,700	2022	\$234,400	4	\$5,700	C
			Cracks, Extent : Light, Area Affected : 1%					
			Location : Random					
Concrete	100%	4+	\$15,100	2030	* *	4	\$45,400	C
			Cracks, Extent : Light, Area Affected : 1%					
			Location : Random					
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
			Rust Stains, Extent : Light, Area Affected : 20%					
			Location : Randum					
Guide Railing Steel	100%			LIFE	* *	2-8	\$12,700	A
Sidewalks/Fascias Concrete	100%			LIFE	* *			C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH**  
**Asset # : 13520**

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
Piers								
Cap Beam Concrete	100%			LIFE	* *			A
	Rust Stains, Extent : Light, Area Affected : 2%							
	Location : Pier 5							
Pier,Columns Concrete	100%			LIFE	* *			B
Stem,Solid Pier Concrete	100%			LIFE	* *			B
	Rust Stains, Extent : Light, Area Affected : 20%							
	Location : Pier 6							
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Only On Pier #6							
	Explanation : Map Cracks							
Brngs,Ancr Blts,Pads Steel	100%			LIFE	* *	2-8	\$8,100	A
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			A
Pedestals Concrete	100%			LIFE	* *			B
Piles Not Accessible	100%							D
Deck Elements								
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
Guide Railing Steel	100%			LIFE	* *			A
Railings/Parapets Concrete	100%			2030	* *	4	\$500	A
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Span 4							
	Spalling, Extent : Light, Area Affected : 10%							
	Location : Span 4							
Steel	100%			LIFE	* *	2-8	\$3,700	A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : Steel Railing And Concrete Parapet							
Sidewalks/Fascias Concrete	100%			2026	* *	5	\$12,000	C
Wearing Surface Concrete	100%	4+	\$28,800	2030	* *	5	\$73,200	C
	Spalling, Extent : Moderate, Area Affected : 2%							
	Location : In Span 6							

## Superstructure

Note : 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**  
**WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH**  
**Asset # : 13520**

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								
Deck,Structural Concrete	100%			LIFE	* *	5		A
Other Observation, Extent : Light, Area Affected : 2%								
Location : Spans 2,3,4,And 6								
Explanation : Stay In Place Removed At Some Location								
Joints								
Generic	100%			LIFE	* *			C
Leakage, Extent : Light, Area Affected : 50%								
Location : Span3								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Span 4								
Explanation : Selant Missing								
Primary Member								
Steel	100%			LIFE	* *	2-8		A
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Span 6								
Secondary Member								
Steel	100%			LIFE	* *	2-8		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : WESTCHESTER AVE. BRIDGE  
**Address** : WESTCHESTER AVE.  
**Borough** : BRONX  
**Program / Asset #** : DOT0161.000 / 13569  
**Area Sq Ft** : 15,600  
**Date of Survey** : 17-Nov-2010  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2241230  
**Agency's Number** : N/A  
**Yr Built/Renovated** : 1907 /  
**Project Type** : HIGHWAY BRIDGES  
**Landmark Status** : NONE

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure		\$1,009,500
<b>Total</b>		<b>\$1,009,500</b>
Priority C		\$1,009,500
<b>Total</b>		<b>\$1,009,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$26,900	\$200	\$28,900	\$3,100
<b>Total</b>	<b>\$26,900</b>	<b>\$200</b>	<b>\$28,900</b>	<b>\$3,100</b>
Priority A		\$200	\$400	
Priority C	\$26,900		\$28,500	\$3,100
<b>Total</b>	<b>\$26,900</b>	<b>\$200</b>	<b>\$28,900</b>	<b>\$3,100</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**WESTCHESTER AVE. BRIDGE**  
**Asset # : 13569**

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								
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	* *			B
Mat (scour & erosion)								
Earth	100%			LIFE	* *			B
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	100%	4+	\$20,200	2023	\$1,009,500	4	\$15,200	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$8,500	A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%	4+	\$6,800	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 5%								
Location : 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**  
**WESTCHESTER AVE. BRIDGE**  
**Asset # : 13569**

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
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)								
Not Accessible	100%							D
Pedestals								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Median								
Concrete	100%			LIFE	**	5		A
Railings/Parapets								
Concrete	100%			2031	**	4	\$500	A
Steel	100%			LIFE	**	2-8	\$4,300	A
Sidewalks/Fascias								
Concrete	100%			2027	**	5	\$6,100	C
Wearing Surface								
Concrete	100%			2031	**	5	\$57,100	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5		A
Joints								
Not Accessible	100%							D
Primary Member								
Not Accessible	100%							D
Secondary Member								
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.



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : 145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER  
**Address** : HARLEM RIVER, HARLEM RIV DR.  
**Borough** : MANHATTAN:BX. **Agency's Number** : N/A  
**Program / Asset #** : DOT0043.000 / 2468 **Yr Built/Renovated** : 1900 /  
**Area Sq Ft** : 56,732 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 06-May-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240089

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$605,600	\$1,252,700
<b>Total</b>	<b>\$605,600</b>	<b>\$1,252,700</b>
Priority A		\$708,500
Priority B		\$544,200
Priority C	\$605,600	
<b>Total</b>	<b>\$605,600</b>	<b>\$1,252,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$241,600		\$142,500	
<b>Total</b>	<b>\$241,600</b>		<b>\$142,500</b>	
Priority A			\$57,000	
Priority B	\$1,700		\$54,600	
Priority C	\$239,900		\$31,000	
<b>Total</b>	<b>\$241,600</b>		<b>\$142,500</b>	



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

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 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	100%			LIFE	* *			B
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Piles Not Accessible	100%							D
Walls Granite	100%			LIFE	* *			C
Stream Channel								
Bank Protection Concrete	100%	2-4	\$220,000	LIFE	* *			C
	Spalling, Extent : Severe, Area Affected : 25% Location : The Concrete Bulkhead Under Span 3 On The Right Side Is Spalled On Rotting Timber Cribbing.							
Riprap	100%			LIFE	* *			C
Timber	100%			2029	* *			C
Mat (scour & erosion) Not Accessible	100%							D
Pier Protection Timber	10%	0-2	\$1,700	LIFE	* *			B
	Broken/Missing Element, Extent : Moderate, Area Affected : 5% Location : Pier 3 Rotted, Extent : Moderate, Area Affected : 20% Location : Piers 3 & 5 Split/Dry/Cracked, Extent : Moderate, Area Affected : 20% Location : Piers 3 & 5 Other Observation, Extent : Moderate, Area Affected : 10% Location : Piers 3 & 5 Explanation : Exhibits Impact Damage To Dolphins.							
Timber	90%			LIFE	* *			B
	Other Observation, Extent : Light, Area Affected : 50% Location : Pier 4 Explanation : The Interior Of The Fender System Is Older Than The Exterior.							

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

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	50%	4+	\$385,600	2026	* *	4	\$461,200	C
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Begin Approach Has Transverse Cracks Every 25'.							
Asphalt	50%			2026	* *	4	\$691,800	C
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : End Approach							
	Explanation : End Approach Pavement Is In Good Condition.							
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$48,100	A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			A
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Piers 6 & 7.							
	Explanation : Piers 6 & 7.							
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Piers 1, 2, 5, 6, & 7.							
	Explanation : Piers 1, 2, 5, 6, & 7.							
Granite	100%			LIFE	* *			B
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Piers 3 & 5.							
	Explanation : Piers 3 & 5.							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	\$5,800	A
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Span 3 Brgs. At Pier 3.							
	Explanation : Span 3 Brgs. At Pier 3.							
Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : Piers 1, 2, 5, 6, & 7.							
	Explanation : Piers 1, 2, 5, 6, & 7.							
Footings								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	* *			B
Deck Elements								
Curbs								
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.

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

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									
Guide Railing									
Steel	100%			LIFE		* *		A	
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 2 & 3 Right Side. Explanation : Spans 2 & 3 Right Side.								
Railings/Parapets									
Steel	100%			LIFE		* *	2-8	\$24,300	A
Sidewalks/Fascias									
Concrete	50%	2-4	\$9,300	2031		* *	5	\$5,700	C
	Cracks, Extent : Moderate, Area Affected : 5% Location : Spans1 To 3 Other Observation, Extent : Moderate, Area Affected : 5% Location : Spans 1 To 3. Explanation : Transverse Cracks Every 4'.								
Concrete	50%			2031		* *	5	\$11,500	C
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 6 To 8. Explanation : Spans 6 To 8.								
Wearing Surface									
Asphalt	100%			2026		* *	5	\$50,400	C
Superstructure									
Deck,Structural									
Concrete	100%			LIFE		* *	5	\$51,200	A
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1, 3, 6, 7 & 8. Explanation : Spans 1, 3, 6, 7 & 8.								
Joints									
Steel	100%			LIFE		* *			C
Primary Member									
Concrete	100%			LIFE		* *	5	\$113,100	A
	Other Observation, Extent : Light, Area Affected : 1% Location : Span 2. Explanation : Spans 2.								
Steel	100%			LIFE		* *	2-8	\$1,016,400	A
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1, 3, 6, 7 & 8. Explanation : Spans 1, 3, 6, 7 & 8.								
Secondary Member									
Steel	100%			LIFE		* *	2-8	\$851,400	B
	Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1, 3, 6, 7 & 8. Explanation : Spans 1, 3, 6, 7 & 8.								
Movable Bridges									
Swing Span Truss									
Steel	100%			LIFE		* *			A
Swing Span Pivot Pier									
Concrete	100%			LIFE		* *			A

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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**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

Bridge 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
Communication Electrical								
Intercom								
Under Construction	100%							D
Telephone								
Under Construction	100%							D
Jack								
Under Construction	100%							D
Control System Electrical								
Computer								
Under Construction	100%							D
Control Console								
Under Construction	100%							D
Control Devices								
Under Construction	100%							D
Disconnect Switch								
Under Construction	100%							D
Limit Switch								
Under Construction	100%							D
Local Starter								
Under Construction	100%							D
Drive								
Grating Motor								
Under Construction	100%							D
Machinery Brake								
Under Construction	100%							D
Motor Brake								
Under Construction	100%							D
Span Lock Motor								
Under Construction	100%							D
Wedge Motor								
Under Construction	100%							D
Electrical Power								
MCC								
Under Construction	100%							D
PanelBoard								
Under Construction	100%							D
Service Equipment								
Under Construction	100%							D
Switchgear								
Under Construction	100%							D
Transfer Switch								
Under Construction	100%							D
Transformer								
Under Construction	100%							D
Exterior Lighting								
Lighting Contactor								
Under Construction	100%							D

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Exterior Lighting								
Lighting Fixture								
Under Construction	100%							D
Pole								
Under Construction	100%							D
Spot Lighting								
Under Construction	100%							D
Ground/Lightning Protection								
Ground Bus								
Under Construction	100%							D
Ground Rod								
Under Construction	100%							D
Ground Wire								
Under Construction	100%							D
Lightning Terminals								
Under Construction	100%							D
Interior Lighting								
Exit Lighting								
Under Construction	100%							D
Lighting Fixture								
Under Construction	100%							D
Wiring Device								
Under Construction	100%							D
Navigation Lighting								
Air Beacon								
Under Construction	100%							D
Fender Lighting								
Under Construction	100%							D
Pier Lighting								
Under Construction	100%							D
Span Lighting								
Under Construction	100%							D
Power Over 600V								
Service Equipment								
Under Construction	100%							D
Transformer								
Under Construction	100%							D
Raceway								
Box								
Under Construction	100%							D
Collector Ring								
Under Construction	100%							D
Communications								
Under Construction	100%							D
Conduit								
Under Construction	100%							D
Submarine Control Cables								
Under Construction	100%							D

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Raceway								
Submarine Power Cable								
Under Construction	100%							D
Trough								
Under Construction	100%							D
Under Ground Structure								
Under Construction	100%							D
Wires								
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								
Barrier Gate Lighting								
Under Construction	100%							D
Traffic Gate Lighting								
Under Construction	100%							D
Traffic Gong								
Under Construction	100%							D
Traffic Sign								
Under Construction	100%							D
Traffic Signal								
Under Construction	100%							D

<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Swing								
Center Latch								
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

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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**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Swing								
Live Load Supports								
Under Construction	100%							D
Traffic Devices								
Under Construction	100%							D

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$6,668,300	\$1,441,300
<b>Total</b>	<b>\$6,668,300</b>	<b>\$1,441,300</b>
Priority A	\$6,167,800	\$342,000
Priority B	\$416,900	\$342,000
Priority C	\$83,600	\$757,200
<b>Total</b>	<b>\$6,668,300</b>	<b>\$1,441,300</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$65,100		\$69,100	
<b>Total</b>	<b>\$65,100</b>		<b>\$69,100</b>	
Priority A	\$36,300		\$34,700	
Priority B			\$34,300	
Priority C	\$28,800			
<b>Total</b>	<b>\$65,100</b>		<b>\$69,100</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK**

**Asset # : 4214**

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 Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : The Bridge Abutments Were Rehabilitated Since Last Inspection.							
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Mat (scour & erosion) Riprap	100%			LIFE		* *		B
Pedestals Not Accessible	100%							D
Stem (breastwall) Concrete	100%	4+	\$234,500	LIFE		* *		B
	Exposed Reinforcement, Extent : Light, Area Affected : 2%							
	Location : Random							
	Spalling, Extent : Light, Area Affected : 2%							
	Location : Random							
Wingwalls								
Footings Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : The Bridge Wingwalls were Rehabilitated Since Last Inspection.							
Mat (scour & erosion) Earth	100%			LIFE		* *		C
Piles Not Accessible	100%							D
Walls Concrete	50%			LIFE		* *		C
Concrete	50%	4+	\$83,600	LIFE		* *		C
	Exposed Reinforcement, Extent : Moderate, Area Affected : 2%							
	Location : Beginning Abutment							
	Spalling, Extent : Moderate, Area Affected : 2%							
	Location : Beginning Abutment							
Stream Channel								
Bank Protection Riprap	100%			LIFE		* *		C
Mat (scour & erosion) Stream Bed	100%			LIFE		* *		A
Pier Protection Timber	100%	4+	\$119,100	LIFE		* *		B
	Rotted, Extent : Light, Area Affected : 20%							
	Location : Throughout							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK**

**Asset # : 4214**

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	100%	4+	\$9,200	2020	\$457,900	4	\$6,400	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Along Center Line And Random Transverse								
Curbs Concrete	100%	4+	\$1,100	LIFE	* *			A
Cracks, Extent : Light, Area Affected : 2%								
Location : Random								
Old Repair, Extent : Light, Area Affected : 5%								
Location : Random								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random								
Embankment Generic	100%			LIFE	* *			C
Guide Railing Steel	100%	4+	\$2,600	LIFE	* *	2-8	\$4,300	A
Damaged Railing, Extent : Light, Area Affected : 5%								
Location : Random								
Mat (scour & erosion) Earth	100%			LIFE	* *			A
Pavement Base Not Accessible	100%							D
Sidewalks/Fascias Asphalt	100%	4+	\$1,700	2020	\$33,900	4	\$1,000	C
Spalling, Extent : Light, Area Affected : 5%								
Location : Random								
Piers								
Cap Beam Concrete	100%	4+	\$51,200	LIFE	* *			A
Cracks, Extent : Light, Area Affected : 2%								
Location : Random								
Exposed Reinforcement, Extent : Light, Area Affected : 1%								
Location : Random								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Piers								
Explanation : The Bridge Pier Caps Were Rehabilitated Since Last Inspection.								
Pier,Columns Concrete	100%			LIFE	* *			B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Pier Columns								
Explanation : The Bridge Pier Columns Were Rehabilitated Since Last Inspection.								
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Mat (scour & erosion) 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**  
**BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK**

**Asset # : 4214**

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	
Piers									
Pedestals									
Concrete	100%			LIFE		* *		B	
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Pier Pedestals									
Explanation : The Bridge Piers Pedestals Were Rehabilitated Since Last Inspection.									
Deck Elements									
Curbs									
Concrete	100%			2039		* *		A	
Old Repair, Extent : Light, Area Affected : 5%									
Location : Random									
Guide Railing									
Steel	100%			LIFE		* *		A	
Median									
Concrete	95%			LIFE		* *	5	\$1,600	A
Concrete	5%	4+	\$600	LIFE		* *	5	\$1,600	A
Old Repair, Extent : Light, Area Affected : 5%									
Location : Random									
Spalling, Extent : Light, Area Affected : 5%									
Location : Throughout									
Railings/Parapets									
Steel	100%	4+	\$32,000	LIFE		* *	2-8	\$9,200	A
Corrosion, Extent : Light, Area Affected : 10%									
Location : Random									
Sidewalks/Fascias									
Concrete	100%	4+	\$3,000	2024		* *	5	\$1,100	C
Cracks, Extent : Light, Area Affected : 5%									
Location : Right And Left Sidewalks									
Wearing Surface									
Asphalt	100%	4+	\$15,000	2020	\$299,300	5	\$11,600	C	
Cracks, Extent : Light, Area Affected : 5%									
Location : Over Piers And At Abutments									
Old Repair, Extent : Light, Area Affected : 2%									
Location : Over Pier									
Superstructure									
Deck,Structural									
Concrete	100%			LIFE		* *	5	\$19,000	A
Other Observation, Extent : Moderate, Area Affected : 60%									
Location : Underside									
Explanation : The Bridge Deck Was Rehabilitated Since Last Inspection.									
Joints									
Not Accessible	100%							D	
Other Observation, Extent : Light, Area Affected : 100%									
Location :									
Explanation : Joints Paved Over									

Note : 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**  
**BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK**

**Asset # : 4214**

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	\$319,400	A
Steel	20%	4+	\$6,116,600	LIFE	* *	2-8	\$319,400	A
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location :</i>								
Secondary Member								
Steel	90%			LIFE	* *	2-8	\$267,600	B
Steel	10%	4+	\$63,300	LIFE	* *	2-8	\$267,600	B
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random</i>								

*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : **07-May-2010** **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : **2240137**

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$3,456,600	\$1,221,700
Bridge Electrical	\$2,425,400	\$5,026,300
Bridge Mechanical	\$3,973,100	
<b>Total</b>	<b>\$9,855,000</b>	<b>\$6,248,000</b>
Priority A	\$3,164,800	\$616,500
Priority B	\$6,398,400	\$5,334,500
Priority C	\$291,800	\$297,000
<b>Total</b>	<b>\$9,855,000</b>	<b>\$6,248,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$69,600	\$34,400	\$93,300	
Bridge Electrical	\$72,400			
Bridge Mechanical	\$63,800			
<b>Total</b>	<b>\$205,800</b>	<b>\$34,400</b>	<b>\$93,300</b>	
Priority A	\$7,300		\$62,400	
Priority B	\$153,100		\$30,900	
Priority C	\$45,400	\$34,400		
<b>Total</b>	<b>\$205,800</b>	<b>\$34,400</b>	<b>\$93,300</b>	



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

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	100%							D
Not Accessible								
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : North Abutment - MTA Track. South Abutment - Fenced Off Area.							
Backwall								
Granite	100%			LIFE		* *		C
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Begin Abutment							
	Explanation : Begin Abutment							
Not Accessible	100%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location : End Abutment							
	Explanation : End Abutment							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Steel	100%			LIFE		* *		B
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : End Abutment							
	Explanation : End Abutment							
Generic	100%			LIFE		* *		B
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Begin Abutment							
	Explanation : Begin Abutment							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Pedestals								
Concrete	90%			LIFE		* *		A
Concrete	10%	2-4	\$500	LIFE		* *		A
	Exposed Reinforcement, Extent : Moderate, Area Affected : 20%							
	Location : End Abutment Center Pedestal							
	Spalling, Extent : Moderate, Area Affected : 2%							
	Location : End Abutment Center Pedestal							
Stem (breastwall)								
Concrete	100%			LIFE		* *		B
Walls								
Not Accessible	100%							D
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Walls								
Concrete	100%	2-4	\$215,700	LIFE	* *			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Begin And End Abutments</i>								
<i>Settlement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Abutment Left Side.</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Begin And End Abutments</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Begin Abutment</i>								
Stream Channel								
Bank Protection								
Concrete	100%			LIFE	* *			C
Riprap	75%			LIFE	* *			C
Riprap	25%	2-4	\$3,300	LIFE	* *			C
<i>Erosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Missing Riprap Causing Erosion Of Earth Near Begin Abutment</i>								
Timber	100%			2026	* *			C
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	80%			LIFE	* *			B
Timber	20%	0-2	\$16,900	LIFE	* *			B
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 1 And 2</i>								
<i>Rotted, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Tidal Zone Of Piers 1 And 2</i>								
Approaches								
Pavement								
Asphalt	50%			2026	* *	4	\$14,800	C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : End Abutment</i>								
<i>Explanation : End Abutment, Repaved.</i>								
Asphalt	50%	2-4	\$16,500	2026	* *	4	\$9,900	C
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Begin Approach</i>								
<i>Explanation : Potholes And Uneven Asphalt Patches</i>								
Curbs								
Concrete w/ Steel Face	75%			LIFE	* *			A
Concrete w/ Steel Face	25%	0-2	\$400	LIFE	* *			A
<i>Settlement, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Begin Right Curb</i>								
Embankment								
Earth	100%			LIFE	* *			C
Mat (scour & erosion)								
Earth	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.

Maintenance \$ are aggregated over a ten-year period. Site 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 BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

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								
Sidewalks/Fascias								
Concrete	90%			LIFE	**			C
Concrete	10%	2-4	\$700	LIFE	**			C
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Begin Right Sidewalk								
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Begin Right Sidewalk								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Begin Right Sidewalk								
Piers								
Mat (scour & erosion)								
Not Accessible	100%							D
Deck Elements								
Curbs								
Steel	100%			LIFE	**			A
Guide Railing								
Steel	100%			LIFE	**			A
Median								
Steel	100%			LIFE	**	4-8	\$33,700	A
Mono Deck Surface								
Concrete	85%			2041	**	5	\$152,200	C
Concrete	10%	2-4	\$4,500	2041	**	5	\$76,100	C
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Spans 1 And 3								
Spalling, Extent : Light, Area Affected : 10%								
Location : Spans 1 And 3								
Concrete	5%	Now	\$4,500	2041	**	5	\$76,100	C
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Span 3								
Explanation : Two Steel Plates In Roadway.								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$17,000	A
Sidewalks/Fascias								
Grating w/ Concrete	100%			2041	**			C
Wearing Surface								
Concrete	85%			2030	**	5	\$68,800	C
Concrete	10%	2-4	\$5,500	2030	**	5	\$34,400	C
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Spans 1 & 3								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Spans 1 & 3.								
Concrete	5%	Now	\$5,500	2030	**	5	\$34,400	C
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Span 3								
Explanation : Two Steel Plates In Roadway.								

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

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

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								
Deck,Structural								
Concrete	95%			LIFE	**	5	\$11,700	A
Concrete	5%	Now	\$6,400	LIFE	**	5	\$11,700	A
<i>Broken,Missing Pave, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Span 3</i>								
Joints								
Steel Finger Joints	100%			2056	**			C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Pier 1</i>								
<i>Explanation : Pier 1</i>								
Generic	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Pier 3</i>								
<i>Explanation : Pier 3</i>								
Primary Member								
Steel	90%			LIFE	**	2-8	\$575,700	A
Steel	10%	4+	\$886,000	LIFE	**	2-8	\$575,700	A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 1 &amp; 3 Stringers Below The Joints At Abutments And Piers.</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Spans 1 &amp; 3 Stringers Below The Joints At Abutments And Piers.</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$482,300	B
Movable Bridges								
Vertical Lift Span								
Steel	85%			LIFE	**			A
Steel	10%	0-2	\$1,010,600	LIFE	**			A
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Random Areas Of Corrosion And Section Loss</i>								
Steel	5%	Now	\$252,600	LIFE	**			A
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Span 2 Has Several Flagged Locations.</i>								
Vertical Lift Tower								
Steel	100%			LIFE	**			A
Vertical Lift Pier								
Concrete	80%			LIFE	**			A
Concrete	20%	4+	\$1,015,600	LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Piers 1 And 2 Cap Beams</i>								
<i>Explanation : Cracks And Spalls</i>								

Bridge 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

Note : 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**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

Bridge 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
Communication Electrical								
Communications								
Generic	100%	Now	\$32,200	2021	\$32,200			B
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 100% System Obsolete And Inoperative. 20% Telephone Inoperative @Roadway Level North Bridgetenders House								
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$8,500	LIFE	* *			B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Bridge Override Switches								
Explanation : Key Covers To Override Switches Missing. Some Indiation Lights Not Funtioning								
Disconnect Switch								
Generic	100%			2019	\$64,300			B
Limit Switch								
Generic	100%			2019	\$118,600			B
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%	0-2	\$670,100	2019	\$3,350,700			B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Motor Control Center								
Explanation : Cover Plates Need To Be Reinstalled In Several Locations.								
Raceway								
Submarine Control Cables								
Generic	100%	Now	\$1,548,900	2026	* *			B
Other Observation, Extent : Light, Area Affected : 30%								
Location : All								
Explanation : No Remaining Spares. Currently On S Span Lock Will Not Pull Due To Short In Cable. Can Not Be Repaired Only Replaced.								
Wiring								
Generic	100%			2019	\$1,492,700			B
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$31,600	2016	\$158,100			B
Other Observation, Extent : Light, Area Affected : 75%								
Location : All								
Explanation : Unerground Conduit Damaged Gongs Not Operational.								
Lighting								
Lighting Devices								
Generic	100%	Now	\$48,200	2025	* *			B
Other Observation, Extent : Light, Area Affected : 30%								
Location : West Light Fixture								
Explanation : The Entire Span Lighting Fixture Is Missing.								

Note : 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**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Lift								
Buffers								
Generic	100%	Now	\$29,900	2024		* *		B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Air Buffers								
Explanation : Some Broken Fittings, One Upper Buffer Is Stuck In Up Position. Upper Buffers Appear To Have Not Worked In Some Time								
CTRWT Ropes & Guides								
Generic	100%	0-2	\$77,500	2049		* *		B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Ropes And Guides.								
Explanation : Pigeon Droppings And Accumulated Debris.								
Counter Weight								
Auxiliary CTRWT	100%			2036		* *		B
Main CTRWT	100%	0-2	\$76,000	2049		* *		B
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Tops Of Counterweights								
Explanation : Covered In Pigeon Droppings.								
Elevators								
Generic	100%	Now	\$524,700	2036		* *		B
Other Observation, Extent : Severe, Area Affected : 100%								
Location : North And South Elevators.								
Explanation : All Elevators Are Not Operational.								
Emergency Drive								
Emergency Power	100%			2036		* *		B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Emergency Power								
Explanation : No Operation Observed								
End Locks								
With Motor	100%	Now	\$83,200	2036		* *		B
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Span Locks								
Explanation : S E Motor Coupling Cover Not Aligned, Damaged Seals, Missing West Shaft End Covers, Corroded Bolts.								
Houses								
Access Ways	100%	4+	\$29,700	2024		* *		B
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : All Areas								
Explanation : Access Ways Are Covered In Pigeon Droppings.								
Machinery Room	100%	Now	\$72,700	2036		* *		B
Other Observation, Extent : Light, Area Affected : 20%								
Location : South Machine Room								
Explanation : South Machine Room - Broken Window And Corner Room Covered In Pigeon Droppings. North Tower Not Accessible								

Note : 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**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Lift								
Main Drive System								
Generic	100%	Now	\$719,900	2036		* *		B
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : South Machine Room, North Machine Room Not Accessible								
Explanation : South Tower Sheave Rooms Covered In Pigeon Droppings And One Motor Brake Is Not Functioning.								
Sheaves								
Generic	100%	4+	\$412,200	2036		* *		B
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : South Machinery Room, North Not Accessible								
Explanation : Sheave Rooms Covered In Pigeon Droppings, Sw Inboard Sheave Makes Popping Noise During Operation								
Live Load Supports								
Generic	75%			2024		* *		B
Generic	25%	Now	\$4,300	2030		* *		B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Southwest								
Explanation : Movement At Live Load Support Under Traffic Loading.								
Traffic Devices								
Barrier Gate	100%	Now	\$151,500	2017	\$1,514,700			B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : North And South Gates								
Explanation : Nets Appear To Require Adjustment, South Gate Wire Rope Needs To Be Trimmed And Secured.								
Warning Gate	100%	Now	\$340,700	2036		* *		B
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Warning Gates								
Explanation : All Gates Are Not Functioning, Crash Trucks Are Used Instead.								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 14-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240138

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,272,100	\$1,232,900
<b>Total</b>	<b>\$1,272,100</b>	<b>\$1,232,900</b>
Priority A	\$1,234,400	\$616,500
Priority B	\$37,700	\$616,500
<b>Total</b>	<b>\$1,272,100</b>	<b>\$1,232,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure			\$124,300	
<b>Total</b>			<b>\$124,300</b>	
Priority A			\$62,400	
Priority B			\$61,800	
<b>Total</b>			<b>\$124,300</b>	



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

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

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**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
Deck Elements								
Railings/Parapets								
Steel	100%	4+	\$140,500	LIFE	* *	2-8	\$17,400	A
	Corrosion, Extent : Light, Area Affected : 10%							
	Location :							
	Rust Stains, Extent : Light, Area Affected : 10%							
	Location :							
Superstructure								
Deck,Structural								
Timber	100%			LIFE	* *			A
Primary Member								
Steel	90%			LIFE	* *	2-8	\$575,700	A
Steel	10%	4+	\$1,093,900	LIFE	* *	2-8	\$575,700	A
	Corrosion, Extent : Light, Area Affected : 30%							
	Location : Throughout, Significant Failure Of Paint Between Floorbeam 1 And 2 In Span 2							
	Rust Stains, Extent : Light, Area Affected : 30%							
	Location :							
Secondary Member								
Steel	90%			LIFE	* *	2-8	\$482,300	B
Steel	10%	4+	\$37,700	LIFE	* *	2-8	\$482,300	B
	Corrosion, Extent : Light, Area Affected : 15%							
	Location : Random							
	Rust Stains, Extent : Light, Area Affected : 15%							
	Location : 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.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 16-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240210

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$546,800	\$1,193,500
<b>Total</b>	<b>\$546,800</b>	<b>\$1,193,500</b>
Priority A	\$239,900	\$284,500
Priority B		\$235,000
Priority C	\$306,900	\$674,000
<b>Total</b>	<b>\$546,800</b>	<b>\$1,193,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$84,900	\$3,200	\$52,800	\$7,400
<b>Total</b>	<b>\$84,900</b>	<b>\$3,200</b>	<b>\$52,800</b>	<b>\$7,400</b>
Priority A	\$4,300	\$1,400	\$29,200	
Priority B	\$53,000		\$23,600	
Priority C	\$27,700	\$1,800		\$7,400
<b>Total</b>	<b>\$84,900</b>	<b>\$3,200</b>	<b>\$52,800</b>	<b>\$7,400</b>



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

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

\*\* 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 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		* *		B
Generic	50%	4+	\$19,100	LIFE		* *		B
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Both Abutments								
Explanation : Spalling Adjacent To Joint On Top								
Mat (scour & erosion)								
Riprap	100%			LIFE		* *		B
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Masonry	100%	4+	\$33,900	LIFE		* *		B
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Both Abutments								
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Both Abutments								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Both Abutments								
Explanation : Deteriorated Mortar Joint								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Riprap	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
Walls								
Masonry	100%	4+	\$105,800	LIFE		* *		C
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Both Abutments								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Explanation : Deteriorated Missing Joint Mortars								
Stream Channel								
Bank Protection								
Riprap	100%			LIFE		* *		C

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

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

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

**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 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								
Asphalt	75%			2023	\$224,800	4	\$5,400	C
Asphalt	25%	4+	\$15,000	2023	\$74,900	4	\$3,600	C
Other Observation, Extent : Light, Area Affected : 25%								
Location : Random								
Explanation : Minor Cracks And Spall								
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,300	LIFE	* *			A
Corrosion, Extent : Light, Area Affected : 25%								
Location : At Steel Fencing								
Embankment								
Earth	100%	4+	\$1,000	LIFE	* *			C
Erosion, Extent : Light, Area Affected : 2%								
Location : Localized								
Vegetation Growth, Extent : Light, Area Affected : 100%								
Location : Throughout								
Processed Stone	100%			LIFE	* *			C
Guide Railing								
Concrete	100%			2031	* *	4	\$4,200	A
Steel	100%			LIFE	* *	2-8		A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	30%	4+	\$5,800	LIFE	* *			C
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Random								
Spalling, Extent : Light, Area Affected : 30%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 30%								
Location :								
Explanation : Vegetation Growth With Settlement								
Concrete	70%			LIFE	* *			C
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	\$114,600	A
Pier,Columns								
Concrete Encased Steel	100%			LIFE	* *	5		B
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
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**  
**CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY**  
**Asset # : 2470**

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
Piers								
Pedestals								
Not Accessible	100%							D
Deck Elements								
Curbs								
Steel	100%			LIFE	* *			A
Gratings								
Grating w/ Concrete	100%			2042	* *			A
Railings/Parapets								
Steel	100%	0-2	\$239,900	LIFE	* *	2-8	\$19,800	A
Broken/Missing Element, Extent : Moderate, Area Affected : 20%								
Location :								
Corrosion, Extent : Moderate, Area Affected : 20%								
Location :								
Sidewalks/Fascias								
Concrete	90%			2027	* *	5	\$14,900	C
Concrete	10%	0-2	\$6,000	2027	* *	5	\$7,400	C
Other Observation, Extent : Light, Area Affected : 10%								
Location : Local Area Near Fence								
Explanation : Both Sides Spalled And Cracked								
Wearing Surface								
Asphalt	100%	4+	\$163,400	2023	\$326,800	5		C
Cracks, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 20%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random								
Explanation : Wearing Surface Concrete 60%; Asphalt 40%								
Concrete	100%	4+	\$37,700	2031	* *	5	\$47,600	C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$18,300	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Everywhere								
Explanation : Not Accessible From Underside								
Joints								
Not Accessible	100%							D
Primary Member								
Steel	100%			LIFE	* *	2-8	\$438,900	A
Corrosion, Extent : Severe, Area Affected : 20%								
Location : Random								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$367,700	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$8,651,300	\$3,729,700
<b>Total</b>	<b>\$8,651,300</b>	<b>\$3,729,700</b>
Priority A	\$6,809,100	\$1,841,200
Priority B	\$1,368,500	\$1,549,600
Priority C	\$473,600	\$338,900
<b>Total</b>	<b>\$8,651,300</b>	<b>\$3,729,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$695,800		\$360,900	
<b>Total</b>	<b>\$695,800</b>		<b>\$360,900</b>	
Priority A	\$419,000		\$164,100	
Priority B	\$197,300		\$155,400	
Priority C	\$79,600		\$41,400	
<b>Total</b>	<b>\$695,800</b>		<b>\$360,900</b>	



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**  
**Asset # : 4317**

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								
Concrete	90%			LIFE		* *		A
Concrete	10%	4+	\$1,600	LIFE		* *		A
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : West Abutment Recently Underwent Rehab And Painted								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random								
Backwall								
Concrete	80%			LIFE		* *		C
Concrete	20%	4+	\$8,500	LIFE		* *		C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random								
Brngs,Ancr Blts,Pads								
Steel	90%			LIFE		* *		A
Steel	10%	4+	\$11,600	LIFE		* *		A
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random								
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	80%			LIFE		* *		B
Generic	20%	4+	\$7,300	LIFE		* *		B
Leakage, Extent : Moderate, Area Affected : 20%								
Location : At Joint Surface								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Beginning Abutment								
Explanation : Joint Filler Depressed								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Stem (breastwall)								
Concrete	80%			LIFE		* *		B
Concrete	20%	4+	\$24,400	LIFE		* *		B
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : West Abutment Recently Painted								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random								
Wingwalls								
Footings								
Not Accessible	100%							D
Piles								
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**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**

**Asset # : 4317**

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	
Wingwalls									
Walls									
Concrete	85%			LIFE	**			C	
Concrete	15%	4+	\$59,100	LIFE	**			C	
Cracks, Extent : Light, Area Affected : 5%									
Location : Random									
Spalling, Extent : Light, Area Affected : 5%									
Location : Random									
Other Observation, Extent : Light, Area Affected : 10%									
Location : Random									
Explanation : Paint Peeling									
Stream Channel									
Bank Protection									
Sheet Piling	100%			LIFE	**			C	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Both Embankments									
Explanation : Timber Rub Rail Is On The Face Of The Sheet Piling									
Approaches									
Pavement									
Asphalt	80%			2024	**	4	\$17,100	C	
Asphalt	20%	2-4	\$58,800	2024	**	4	\$17,100	C	
Cracks, Extent : Moderate, Area Affected : 20%									
Location : Random									
Concrete	85%			2032	**	4	\$65,600	C	
Concrete	15%	2-4	\$33,000	2032	**	4	\$65,600	C	
Settlement, Extent : Light, Area Affected : 5%									
Location : End Approach									
Spalling, Extent : Light, Area Affected : 5%									
Location : Random									
Curbs									
Concrete w/ Steel Face	90%			LIFE	**			A	
Concrete w/ Steel Face	10%	4+	\$2,600	LIFE	**			A	
Corrosion, Extent : Light, Area Affected : 5%									
Location : At Surface									
Rust Stains, Extent : Severe, Area Affected : 75%									
Location : At Surface									
Guide Railing									
Steel	90%			LIFE	**	2-8	\$7,600	A	
Steel	10%	4+	\$700	LIFE	**	2-8	\$4,800	A	
Corrosion, Extent : Light, Area Affected : 10%									
Location : At Surface									
Pavement Base									
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**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**  
**Asset # : 4317**

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								
Sidewalks/Fascias								
Concrete	85%			LIFE	**			C
Concrete	15%	4+	\$6,800	LIFE	**			C
Cracks, Extent : Light, Area Affected : 5%								
Location : At Surface								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random								
Piers								
Cap Beam								
Concrete	80%			LIFE	**			A
Concrete	20%	4+	\$297,000	LIFE	**			A
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random								
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : At Surface								
Pier,Columns								
Concrete	80%			LIFE	**			B
Concrete	20%	4+	\$379,700	LIFE	**			B
Cracks, Extent : Light, Area Affected : 10%								
Location : At Surface								
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random								
Explanation : Paint Peeling								
Brngs,Ancr Blts,Pads								
Steel	80%			LIFE	**	2-8	\$65,100	A
Steel	20%	2-4	\$301,800	LIFE	**	2-8	\$38,900	A
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random								
Explanation : Missing Anchor Bolt As Per Recent Biennial Inspection								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	95%			LIFE	**			B
Concrete	5%	4+	\$24,600	LIFE	**			B
Cracks, Extent : Light, Area Affected : 10%								
Location : 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**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**  
**Asset # : 4317**

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+	\$18,700	LIFE	**			A	
Misaligned/Bulging, Extent : Light, Area Affected : 2%									
Location : Random									
Rust Stains, Extent : Moderate, Area Affected : 25%									
Location : At Surface									
Median									
Concrete	95%			LIFE	**	5	\$24,800	A	
Concrete	5%	4+	\$6,800	LIFE	**	5	\$12,400	A	
Spalling, Extent : Light, Area Affected : 10%									
Location : At Surface									
Steel	95%			LIFE	**	4-8	\$160,300	A	
Steel	5%	4+	\$1,000	LIFE	**	4-8	\$100,300	A	
Other Observation, Extent : Light, Area Affected : 10%									
Location : Random									
Explanation : Paint Peeling And Rust Stain									
Railings/Parapets									
Steel	95%			LIFE	**	2-8	\$115,600	A	
Steel	5%	4+	\$14,300	LIFE	**	2-8	\$71,000	A	
Misaligned/Bulging, Extent : Light, Area Affected : 2%									
Location : Top Rail									
Rust Stains, Extent : Light, Area Affected : 10%									
Location : At Surface									
Sidewalks/Fascias									
Concrete	70%			2028	**	5	\$28,100	C	
Concrete	30%	4+	\$67,400	2028	**	5	\$14,000	C	
Cracks, Extent : Light, Area Affected : 10%									
Location : Random									
Spalling, Extent : Light, Area Affected : 5%									
Location : At Surface									
Wearing Surface									
Concrete	90%			2032	**	5	\$338,900	C	
Recent Repair Evident, Extent : Light, Area Affected : 2%									
Location : Northbound Lane									
Concrete	10%	4+	\$7,500	2032	**	5	\$169,400	C	
Cracks, Extent : Moderate, Area Affected : 20%									
Location : Throughout									
Old Repair, Extent : Moderate, Area Affected : 20%									
Location : Northbound Lanes									
Spalling, Extent : Light, Area Affected : 2%									
Location : Throughout									
Scupper									
Cast Iron	100%	4+	\$118,800	LIFE	**			C	
Drains Clogged, Extent : Light, Area Affected : 5%									
Location : Random									

**Superstructure**

Note : 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**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**

**Asset # : 4317**

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								
Deck,Structural Concrete	85%			LIFE	* *	5	\$172,300	A
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Underside Of Deck							
	Explanation : Sip Forms Throughout The Underside Of The Deck							
Concrete	15%	4+	\$120,800	LIFE	* *	5	\$86,200	A
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random							
	Spalling, Extent : Light, Area Affected : 10%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Sip Form Under Deck							
	Explanation : Corrosion And Deformation							
Joints								
Generic	75%			LIFE	* *			C
Generic	25%	4+	\$23,700	LIFE	* *			C
	Loose Elements, Extent : Moderate, Area Affected : 25%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Random							
	Explanation : Joint Filler Depressed And Filled With Debris							
Primary Member								
Steel	90%			LIFE	* *	2-8	\$2,480,500	A
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Bottom Flange							
	Explanation : Fatigue Prone Detail, Partial Cover Plate							
Steel	10%	4+	\$5,185,700	LIFE	* *	2-8	\$1,447,200	A
	Corrosion, Extent : Light, Area Affected : 15%							
	Location : At Surface							
Secondary Member								
Steel	95%			LIFE	* *	2-8	\$2,128,200	B
Steel	5%	4+	\$214,100	LIFE	* *	2-8	\$1,212,300	B
	Corrosion, Extent : Light, Area Affected : 15%							
	Location : At Surface							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : EASTERN BLVD. (BRUCKNER) BRIDGE BRUCKNER EXPWY/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 2014 - 2017	FY 2018 - 2023
Bridge Structure		\$114,000	\$299,600
Bridge Electrical		\$37,300	\$2,513,600
Bridge Mechanical			\$881,300
<b>Total</b>		<b>\$151,400</b>	<b>\$3,694,500</b>
Priority A		\$114,000	\$77,700
Priority B		\$37,300	\$3,616,700
<b>Total</b>		<b>\$151,400</b>	<b>\$3,694,500</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$100	\$11,900	\$30,200	\$1,600
Bridge Electrical	\$28,100			
Bridge Mechanical	\$41,100			
<b>Total</b>	<b>\$69,400</b>	<b>\$11,900</b>	<b>\$30,200</b>	<b>\$1,600</b>
Priority A			\$7,900	\$1,600
Priority B	\$69,300		\$22,300	
Priority C	\$100	\$11,900		
<b>Total</b>	<b>\$69,400</b>	<b>\$11,900</b>	<b>\$30,200</b>	<b>\$1,600</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTERN BLVD. (BRUCKNER) BRIDGE BRUCKNER EXPWY/BRONX RIVER**  
**Asset # : 2915**

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 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	* *			B
Mat (scour & erosion) Not Accessible	100%							D
Stem (breastwall) Concrete	100%			LIFE	* *			B
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	* *			C
Stream Channel								
Bank Protection Riprap	100%			LIFE	* *			C
Mat (scour & erosion) Not Accessible	100%							D
Pier Protection Timber	100%			LIFE	* *			B
Approaches								
Pavement Concrete	100%			2031	* *	4	\$35,800	C
Curbs Concrete	100%			LIFE	* *			A
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment Not Accessible	100%							D
Guide Railing Concrete	100%			2033	* *	4	\$2,300	A
Steel	100%			LIFE	* *	2-8	\$2,400	A
Mat (scour & erosion) Not Accessible	100%							D
Pavement Base 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**  
**EASTERN BLVD. (BRUCKNER) BRIDGE BRUCKNER EXPWY/BRONX RIVER**  
**Asset # : 2915**

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								
Sidewalks/Fascias								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8		A
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$349,700	B
Stem,Solid Pier								
Masonry	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$1,500	A
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Steel	100%			LIFE	**			B
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Median								
Concrete	100%			LIFE	**	5	\$800	A
Railings/Parapets								
Concrete	100%			2033	**	4	\$900	A
Masonry	100%			2033	**	5	\$1,400	A
Sidewalks/Fascias								
Concrete	90%			2028	**	5	\$1,100	C
Concrete	10%	4+	\$100	2028	**	5	\$500	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Approach Spans								
Wearing Surface								
Concrete	100%			2033	**	5	\$18,400	C
Superstructure								
Deck,Structural								
Grating w/ Concrete	100%			LIFE	**			A
Joints								
Steel	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$145,200	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$157,100	B
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.

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTERN BLVD. (BRUCKNER) BRIDGE BRUCKNER EXPWY/BRONX RIVER**  
**Asset # : 2915**

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
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	**			A
Steel	10%	4+	\$114,000	LIFE	**			A
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Bascule Span								
Explanation : Previous Losses To Flanges And Minor Corrosion								
Bascule Span Pier								
Concrete	100%			LIFE	**			A
Bridge Electrical								
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%			2018	\$13,400			B
System Deenergized, Extent : Light, Area Affected : 100%								
Location : Overall								
Telephone								
Desk Top	100%			2018				B
System Deenergized, Extent : Light, Area Affected : 100%								
Location : Overall								
Control System Electrical								
Control Console								
Generic	100%			2038	**			B
System Deenergized, Extent : Light, Area Affected : 100%								
Location : Overall								
Disconnect Switch								
Generic	100%			2038	**			B
Limit Switch								
Generic	100%			2035	**			B
Electrical Power								
Transfer Switch								
Auto	100%			2038	**			B
System Deenergized, Extent : Light, Area Affected : 100%								
Location : Overall								
Transformer								
Dry	100%			2038	**			B
Dist Equip & Motor Controll								
Generic	100%			2038	**			B
System Deenergized, Extent : Light, Area Affected : 50%								
Location : Partially								
Interior Lighting								
Lighting Fixture								
Incandescent	100%	Now	\$300	2018	\$3,000			B
Relamping, Extent : Light, Area Affected : 100%								
Location : Overall								

Note : 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**  
**EASTERN BLVD. (BRUCKNER) BRIDGE BRUCKNER EXPWY/BRONX RIVER**  
**Asset # : 2915**

Bridge 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
Raceway								
Submarine Control Cables								
Generic	100%			2022	\$554,000			B
System Deenergized, Extent : Light, Area Affected : 100%								
Location : All								
Wiring								
Generic	100%	Now	\$37,300	2023	\$1,866,800			B
Other Observation, Extent : Light, Area Affected : 5%								
Location : Under Deck.								
Explanation : New Conduit And Lighting Fixtures Necessary.								
Stand-by Power								
Generator								
Diesel	100%			2038	* *			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Emergency Generator								
Explanation : Battery Maintenance Necessary.								
Lighting								
Lighting Devices								
Generic	50%	Now	\$27,800	2023	\$46,400			B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Span Leaves								
Explanation : Some Lamps Damaged And Or Missing Light Bulbs								
Generic	50%			2022	\$46,400			B
Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Counter Weight								
Generic	100%			2046	* *			B
Emergency Drive								
Emergency Power	100%			2046	* *			B
Fuel Tanks								
Generic	100%			2023	\$8,100			B
Houses								
Access Ways	100%	4+	\$8,900	2021	\$177,300			B
Covered in Dirt/Debris, Extent : Moderate, Area Affected : 60%								
Location : Access Ways In Pit Areas								
Auxiliary	100%			2027	* *			B
Machinery Room	100%			2053	* *			B
Lock Bars								
With Motor	100%	4+	\$14,100	2021	\$704,000			B
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Tail Locks								
Explanation : Tail Locks Are Covered In Debris And Filth.								
Not Accessible	100%							D

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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**  
**EASTERN BLVD. (BRUCKNER) BRIDGE BRUCKNER EXPWY/BRONX RIVER**  
**Asset # : 2915**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Main Drive System								
Generic	100%			2046		* *		B
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Machinery.								
Explanation : Not Operational During Inspection.								
Rack								
Generic	100%	4+	\$13,400	2046		* *		B
Corroded, Extent : Light, Area Affected : 20%								
Location : Top Of Bottom Girder Flange.								
Covered in Dirt/Debris, Extent : Light, Area Affected : 20%								
Location : Top Of Bottom Girder Flange.								
Live Load Supports								
Not Accessible	100%							D
Traffic Devices								
Barrier Gate	100%	Now	\$1,900	2027		* *		B
Not Operable, Extent : Light, Area Affected : 100%								
Location : All Gates.								
Signals	100%			2027		* *		B
Warning Gate	100%	Now	\$2,900	2027		* *		B
Not Operable, Extent : Light, Area Affected : 100%								
Location : All Gates								
Trunnion								
Generic	100%			2046		* *		B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : EASTERN BLVD. (BRUCKNER) BRIDGE BRUCKNER EXPWY/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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$133,600	\$419,600
Bridge Electrical		\$92,800
Bridge Mechanical	\$183,000	\$881,300
<b>Total</b>	<b>\$316,600</b>	<b>\$1,393,700</b>
Priority A	\$133,600	\$117,500
Priority B	\$183,000	\$1,276,100
<b>Total</b>	<b>\$316,600</b>	<b>\$1,393,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$34,800	\$11,900	\$38,700	\$1,800
Bridge Electrical	\$27,800			
Bridge Mechanical	\$22,300			
<b>Total</b>	<b>\$84,900</b>	<b>\$11,900</b>	<b>\$38,700</b>	<b>\$1,800</b>
Priority A	\$100		\$8,400	\$1,800
Priority B	\$84,900		\$30,300	
Priority C		\$11,900		
<b>Total</b>	<b>\$84,900</b>	<b>\$11,900</b>	<b>\$38,700</b>	<b>\$1,800</b>



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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTERN BLVD. (BRUCKNER) BRIDGE BRUCKNER EXPWY/BRONX RIVER**  
**Asset # : 2916**

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 Concrete	100%			LIFE	* *			A
Backwall Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads Elastomeric	100%			2048	* *			A
Steel	100%			LIFE	* *			A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	* *			B
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Stem (breastwall) Concrete	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Not Accessible	100%							D
Stream Channel								
Bank Protection Riprap	100%			LIFE	* *			C
Mat (scour & erosion) Not Accessible	100%							D
Pier Protection Timber	100%			LIFE	* *			B
Approaches								
Pavement Concrete	100%			2031	* *	4	\$35,800	C
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment Earth	100%			LIFE	* *			C
Guide Railing Concrete	100%			2033	* *	4	\$3,500	A
Mat (scour & erosion) Not Accessible	100%							D
Pavement Base Not Accessible	100%							D
Sidewalks/Fascias Concrete	100%			LIFE	* *			C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTERN BLVD. (BRUCKNER) BRIDGE BRUCKNER EXPWY/BRONX RIVER**  
**Asset # : 2916**

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
Piers									
Cap Beam	Steel	100%			LIFE	**	2-8		A
Pier,Columns	Concrete	100%			LIFE	**			B
	Steel	100%			LIFE	**	2-8	\$349,700	B
Stem,Solid Pier									
Brick Veneer		100%			LIFE	**			B
Concrete		90%			LIFE	**			B
Concrete		10%	4+	\$34,700	LIFE	**			B
Delaminations, Extent : Moderate, Area Affected : 5%									
Location : West Face Of Pier 1									
Other Observation, Extent : Moderate, Area Affected : 30%									
Location : West Face Of Pier 1									
Explanation : Pier 1 Has Fire Damage, Moderate Scaling									
Granite		100%			LIFE	**			B
Brngs,Ancr Blts,Pads									
Elastomeric		100%			2048	**			A
Steel		100%			LIFE	**	2-8	\$1,500	A
Footings									
Not Accessible		100%							D
Mat (scour & erosion)									
Not Accessible		100%							D
Pedestals									
Concrete		100%			LIFE	**			B
Steel		100%			LIFE	**			B
Piles									
Not Accessible		100%							D
Deck Elements									
Curbs									
Concrete w/ Steel Face		100%			LIFE	**			A
Guide Railing									
Concrete		100%			2038	**			A
Median									
Concrete		100%			LIFE	**	5	\$1,600	A
Railings/Parapets									
Masonry		100%			2033	**	5		A
Steel		98%			LIFE	**	2-8	\$8,100	A
Steel		2%	Now	\$100	LIFE	**	2-8	\$8,100	A
Broken/Missing Element, Extent : Severe, Area Affected : 2%									
Location : Median, Bolts at Access Ladder									
Sidewalks/Fascias									
Concrete		100%			2028	**	5	\$3,200	C
Wearing Surface									
Concrete		100%			2033	**	5	\$39,500	C

**Superstructure**

*Note : 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**  
**EASTERN BLVD. (BRUCKNER) BRIDGE BRUCKNER EXPWY/BRONX RIVER**  
**Asset # : 2916**

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								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$3,600	A
Grating w/ Concrete	100%			LIFE	**			A
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Concrete	100%			LIFE	**	5	\$40,200	A
Prestressed Concrete	100%			LIFE	**			A
Box Beam								
Steel	100%			LIFE	**	2-8	\$144,400	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$282,500	B
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	**			A
Steel	10%	4+	\$133,600	LIFE	**			A
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Bascule Span								
Explanation : Previous Losses To Flanges. Minor Corrosion.								
Bascule Span Pier								
Concrete	100%			LIFE	**			A

Bridge 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
Communication Electrical								
Communications								
Generic	100%			2018				B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Overall								
Explanation : System Deenergized Could Not Verify Operation. Visually looks In Good Condition.								
Control System Electrical								
Control Console								
Generic	100%			2038	**			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Overall								
Explanation : System Deenergized Could Not Verify Operation. Visually looks In Good Condition.								
Disconnect Switch								
Generic	100%			2038	**			B
Limit Switch								
Generic	100%			2035	**			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : All								
Explanation : Not Maintained Could Not Verify Operation.								

**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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTERN BLVD. (BRUCKNER) BRIDGE BRUCKNER EXPWY/BRONX RIVER**  
**Asset # : 2916**

Bridge 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
Electrical Power								
Transfer Switch								
Auto	100%			2038		* *		B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Overall								
Explanation : System Deenergized Could Not Verify Operation. Visually looks In Good Condition.								
Transformer								
Dry	100%			2038		* *		B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Partial								
Explanation : System Deenergized Could Not Verify Operation. Visually looks In Good Condition.								
Dist Equip & Motor Controll								
Generic	100%			2038		* *		B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Overall								
Explanation : System Deenergized Could Not Verify Operation. Visually looks In Good Condition.								
Raceway								
Submarine Control Cables								
Generic	100%			2022				B
Wiring								
Generic	100%			2022				B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Underdeck								
Explanation : Needs Partial Repair.								
Lighting								
Lighting Devices								
Generic	50%			2022	\$46,400			B
Other Observation, Extent : Light, Area Affected : 80%								
Location : All								
Explanation : Needs Relamping								
Generic	50%	Now	\$27,800	2023	\$46,400			B
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Span Leaves								
Explanation : Damaged Or Broken Lens And Missing Bulbs On Span Navigational Lights On The interior Side								

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Counter Weight								
Generic	100%			2046		* *		B
Emergency Drive								
Emergency Power	100%			2046		* *		B

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTERN BLVD. (BRUCKNER) BRIDGE BRUCKNER EXPWY/BRONX RIVER**  
**Asset # : 2916**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Fuel Tanks								
Generic	100%			2031	* *			B
Houses								
Access Ways	100%	4+	\$8,900	2021	\$177,300			B
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : Access Ways in Pit Areas							
	Explanation : Access Ways Are Covered In Debris In Pit Areas. Likely Health Hazard Due To Pigeon Guano.							
Control House	100%			2046	* *			B
Machinery Room	100%			2053	* *			B
Lock Bars								
With Motor	50%	Now	\$176,000	2021	\$352,000			B
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : All Span (toe) Locks							
	Explanation : Sockets And Guides Need Shimming. Motor Brake Has Fallen Off At 2 Locations. Lock Bar Pins Failed At 2 Locations.							
With Motor	50%	4+	\$7,000	2021	\$352,000			B
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : All Tail Locks							
	Explanation : Covered In Debris And Pigeon Guano.							
Main Drive System								
Generic	100%			2046	* *			B
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : All Machinery							
	Explanation : Not Operational During Inspection.							
Rack								
Generic	100%	Now	\$13,400	2046	* *			B
	Other Observation, Extent : Severe, Area 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								
Barrier Gate	100%			2027	* *			B
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : All Gates							
	Explanation : Not Operational During Inspection.							
Signals	100%			2027	* *			B
Warning Gate	100%			2027	* *			B
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : All Gates							
	Explanation : Not Operational During Inspection.							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : FLUSHING BRIDGE 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** : 16-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2055802

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,041,300	\$2,395,400
<b>Total</b>	<b>\$1,041,300</b>	<b>\$2,395,400</b>
Priority A	\$111,200	\$811,000
Priority B	\$578,800	\$962,800
Priority C	\$351,300	\$621,700
<b>Total</b>	<b>\$1,041,300</b>	<b>\$2,395,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$102,100		\$174,200	
<b>Total</b>	<b>\$102,100</b>		<b>\$174,200</b>	
Priority A	\$70,100		\$69,300	
Priority B	\$4,700		\$96,600	
Priority C	\$27,400		\$8,400	
<b>Total</b>	<b>\$102,100</b>		<b>\$174,200</b>	



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2560**

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								
Concrete	95%			LIFE	**			A
Concrete	5%	4+	\$1,600	LIFE	**			A
Cracks, Extent : Light, Area Affected : 10%								
Location :								
Backwall								
Concrete	100%			LIFE	**			C
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**			A
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	**			B
Pedestals								
Concrete	100%			LIFE	**			A
Stem (breastwall)								
Concrete	95%			LIFE	**			B
Concrete	5%	4+	\$4,700	LIFE	**			B
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Walls								
Concrete	100%	4+	\$18,200	LIFE	**			A
Cracks, Extent : Light, Area Affected : 15%								
Location : Face Of Abutment Wall								
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Face Of Abutment Wall								
Wingwalls								
Footings								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Concrete	95%			LIFE	**			C
Concrete	5%	4+	\$2,500	LIFE	**			C
Cracks, Extent : Light, Area Affected : 10%								
Location :								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Sw Wingwall								
Stream Channel								
Bank Protection								
Concrete	80%			LIFE	**			C
Concrete	20%	4+	\$124,400	LIFE	**			C
Broken/Missing Element, Extent : Severe, Area Affected : 10%								
Location : West Side Of River								
Cracks, Extent : Light, Area Affected : 10%								
Location :								

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

Maintenance \$ are aggregated over a ten-year period. Site 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 NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2560**

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
Stream Channel								
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	100%	Now	\$407,800	LIFE	**			B
Broken/Missing Element, Extent : Severe, Area Affected : 50%								
Location : East And West Sides.								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : East And West Sides.								
Explanation : Worn								
Approaches								
Pavement								
Asphalt	95%			2022	\$344,400	4	\$6,600	C
Asphalt	5%	4+	\$3,600	2022	\$18,100	4	\$4,400	C
Cracks, Extent : Moderate, Area Affected : 20%								
Location :								
Concrete	100%			2036	**	4	\$16,800	C
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Concrete 40% Asphalt 60%								
Embankment								
Generic	100%			LIFE	**			C
Sidewalks/Fascias								
Concrete	95%			LIFE	**			C
Concrete	5%	4+	\$300	LIFE	**			C
Cracks, Extent : Severe, Area Affected : 10%								
Location : Random								
Piers								
Cap Beam								
Concrete	80%			LIFE	**			A
Concrete	20%	4+	\$111,200	LIFE	**			A
Cracks, Extent : Moderate, Area Affected : 30%								
Location :								
Delaminations, Extent : Moderate, Area Affected : 30%								
Location :								
Spalling, Extent : Light, Area Affected : 2%								
Location : End Of Pier 30 Cap Beam								
Steel	90%			LIFE	**	2-8	\$426,200	A
Steel	10%	4+	\$15,300	LIFE	**	2-8	\$426,200	A
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : 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**  
**FLUSHING BRIDGE NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2560**

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
Piers								
Pier,Columns								
Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$66,000	LIFE	**			B
Cracks, Extent : Moderate, Area Affected : 30%								
Location :								
Spalling, Extent : Moderate, Area Affected : 30%								
Location :								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : River Pier								
Explanation : Missing Mortar In Granite Masonry Veneer On River Pier								
Steel	90%			LIFE	**	2-8	\$466,300	B
Steel	10%	4+	\$45,100	LIFE	**	2-8	\$466,300	B
Rust Stains, Extent : Light, Area Affected : 15%								
Location :								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Random								
Explanation : Exfoliation Of Weathering Steel								
Stem,Solid Pier								
Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$59,800	LIFE	**			B
Cracks, Extent : Light, Area Affected : 5%								
Location :								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2041	**			A
Steel	100%			LIFE	**	2-8	\$49,800	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	**			B
Deck Elements								
Mono Deck Surface								
Concrete	90%			2041	**	5	\$259,100	C
Concrete	10%	4+	\$18,700	2041	**	5	\$129,500	C
Cracks, Extent : Light, Area Affected : 10%								
Location :								
Spalling, Extent : Light, Area Affected : 10%								
Location : At Both Ends								
Railings/Parapets								
Concrete	95%			2030	**	4	\$19,100	A
Concrete	5%	4+	\$16,700	2030	**	4	\$12,800	A
Cracks, Extent : Light, Area Affected : 10%								
Location :								

**Superstructure**

*Note : 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**  
**FLUSHING BRIDGE NORTHERN BLVD/FLUSHING RIVER**

**Asset # : 2560**

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								
Deck,Structural								
Concrete	95%			LIFE	* *	5	\$71,000	A
Concrete	5%	4+	\$11,900	LIFE	* *	5	\$71,000	A
Cracks, Extent : Light, Area Affected : 10%								
Location :								
Efflorescence, Extent : Light, Area Affected : 4%								
Location : Throughout Structure								
Joints								
Generic	60%			LIFE	* *			C
Generic	40%	4+	\$97,400	LIFE	* *			C
Joint Freezing, Extent : Light, Area Affected : 20%								
Location :								
Leakage, Extent : Moderate, Area Affected : 20%								
Location : Random								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$560,800	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$999,600	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : FLUSHING BRIDGE 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** : 16-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2055801

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$475,600	\$3,043,200
<b>Total</b>	<b>\$475,600</b>	<b>\$3,043,200</b>
Priority A	\$82,500	\$1,154,100
Priority B	\$251,000	\$1,423,600
Priority C	\$142,100	\$465,600
<b>Total</b>	<b>\$475,600</b>	<b>\$3,043,200</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$237,500		\$237,100	
<b>Total</b>	<b>\$237,500</b>		<b>\$237,100</b>	
Priority A	\$80,800		\$88,200	
Priority B	\$101,000		\$142,800	
Priority C	\$55,700		\$6,100	
<b>Total</b>	<b>\$237,500</b>		<b>\$237,100</b>	



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2665**

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									
Concrete	100%			LIFE	* *			A	
Not Accessible	100%							D	
Backwall									
Concrete	98%			LIFE	* *			C	
Concrete	2%	4+	\$2,800	LIFE	* *			C	
Cracks, Extent : Moderate, Area Affected : 20%									
Location : Wide Crack At Nw Backwall									
Brngs,Ancr Blts,Pads									
Steel	100%			LIFE	* *			A	
Footings									
Not Accessible	100%							D	
Joint with Deck									
Generic	95%			LIFE	* *			B	
Generic	5%	Now	\$17,500	LIFE	* *			B	
Leakage, Extent : Severe, Area Affected : 2%									
Location : End Abutment Left Side									
Stem (breastwall)									
Concrete	98%			LIFE	* *			B	
Concrete	2%	4+	\$6,300	LIFE	* *			B	
Cracks, Extent : Moderate, Area Affected : 2%									
Location :									
Wingwalls									
Footings									
Not Accessible	100%							D	
Piles									
Not Accessible	100%							D	
Walls									
Concrete	100%			LIFE	* *			C	
Stream Channel									
Bank Protection									
Concrete	85%			LIFE	* *			C	
Concrete	15%	Now	\$8,700	LIFE	* *			C	
Broken/Missing Element, Extent : Moderate, Area Affected : 20%									
Location : West Side Of The River									
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Spalling, Extent : Light, Area Affected : 10%									
Location : West Side Of The River									
Mat (scour & erosion)									
Not Accessible	100%							D	
Pier Protection									
Timber	100%	Now	\$251,000	LIFE	* *			B	
Broken/Missing Element, Extent : Severe, Area Affected : 50%									
Location : Both Fender System									
Rotted, Extent : Severe, Area Affected : 50%									
Location : Both Fender System									

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2665**

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	95%			2022	\$172,200	4	\$3,300	C	
Asphalt	5%	4+	\$1,800	2022	\$9,100	4	\$2,200	C	
Cracks, Extent : Light, Area Affected : 20%									
Location :									
Concrete	100%			2030	**	4		C	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Approaches									
Explanation : Approaches: 20% Concrete; 80% Asphalt									
Embankment									
Generic	100%			LIFE	**			C	
Guide Railing									
Steel	100%			LIFE	**	2-8		A	
Sidewalks/Fascias									
Concrete	95%			LIFE	**			C	
Concrete	5%	4+	\$600	LIFE	**			C	
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Piers									
Cap Beam									
Concrete	90%			LIFE	**			A	
Concrete	10%	4+	\$34,800	LIFE	**			A	
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Steel	95%			LIFE	**	2-8	\$350,100	A	
Steel	5%	4+	\$31,500	LIFE	**	2-8	\$350,100	A	
Rust Stains, Extent : Moderate, Area Affected : 80%									
Location : Random									
Other Observation, Extent : Moderate, Area Affected : 80%									
Location : Random									
Explanation : Exfoliating Weathering Steel									
Pier,Columns									
Concrete	10%	4+	\$27,600	LIFE	**			B	
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Spalling, Extent : Light, Area Affected : 5%									
Location :									
Concrete	90%			LIFE	**			B	
Steel	95%			LIFE	**	2-8	\$373,000	B	
Steel	5%	4+	\$18,000	LIFE	**	2-8	\$373,000	B	
Other Observation, Extent : Light, Area Affected : 2%									
Location : South Face Of Pier 1									
Explanation : Vegetation Growth									

Note : 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**  
**FLUSHING BRIDGE NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2665**

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	
Piers									
Stem,Solid Pier									
Concrete	90%			LIFE	**			B	
Concrete	10%	4+	\$17,400	LIFE	**			B	
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Brngs,Ancr Blts,Pads									
Elastomeric	100%			2041	**			A	
Steel	100%			LIFE	**	2-8	\$52,400	A	
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Not Accessible	100%							D	
Pedestals									
Concrete	100%			LIFE	**			B	
Steel	100%			LIFE	**			B	
Deck Elements									
Median									
Concrete	100%			LIFE	**	5	\$9,200	A	
Mono Deck Surface									
Concrete	95%			2041	**	5	\$284,300	C	
Concrete	5%	4+	\$20,600	2041	**	5	\$142,100	C	
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Railings/Parapets									
Steel	95%			LIFE	**	2-8	\$25,400	A	
Steel	5%			LIFE	**	2-8	\$25,400	A	
Other Observation, Extent : Severe, Area Affected : 100%									
Location : At West End									
Explanation : Repair Made With Chain Link Fence									
Sidewalks/Fascias									
Concrete	90%			2026	**	5	\$12,200	C	
Concrete	10%	4+	\$19,500	2026	**	5	\$6,100	C	
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Superstructure									
Deck,Structural									
Concrete	5%	4+	\$14,600	LIFE	**	5	\$64,700	A	
Cracks, Extent : Light, Area Affected : 10%									
Location :									
Concrete	95%			LIFE	**	5	\$64,700	A	
Joints									
Generic	98%			LIFE	**			C	
Generic	2%	4+	\$600	LIFE	**			C	
Broken/Missing Element, Extent : Moderate, Area Affected : 15%									
Location : End Abutment And Throughout Structure									

*Note : 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**  
**FLUSHING BRIDGE NORTHERN BLVD/FLUSHING RIVER**

**Asset # : 2665**

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								
Concrete	100%			LIFE	* *	5	\$163,400	A
Steel	99%			LIFE	* *	2-8	\$500,200	A
Steel	1%	4+	\$82,500	LIFE	* *	2-8	\$500,200	A
Other Observation, Extent : Light, Area Affected : 5%								
Location : North Fascia At Begin Abutment								
Explanation : Vegetation Growth								
Secondary Member								
Steel	95%			LIFE	* *	2-8	\$911,000	B
Steel	5%	4+	\$14,200	LIFE	* *	2-8	\$911,000	B
Rust Stains, Extent : Light, Area Affected : 15%								
Location :								

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

*Maintenance \$ are aggregated over a 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$41,597,100	\$1,678,200
<b>Total</b>	<b>\$41,597,100</b>	<b>\$1,678,200</b>
Priority A	\$21,292,700	\$883,900
Priority B	\$19,492,200	\$752,200
Priority C	\$812,200	\$42,100
<b>Total</b>	<b>\$41,597,100</b>	<b>\$1,678,200</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$318,600		\$154,000	
<b>Total</b>	<b>\$318,600</b>		<b>\$154,000</b>	
Priority A	\$197,700		\$78,000	
Priority B	\$73,200		\$75,400	
Priority C	\$47,600		\$600	
<b>Total</b>	<b>\$318,600</b>		<b>\$154,000</b>	



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

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

\*\* 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		
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
Joint with Deck								
Generic	100%	2-4	\$209,800	LIFE		* *		B
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Explanation : Joint Is Paved Over								
Mat (scour & erosion)								
Earth	100%	2-4	\$4,700	LIFE		* *		B
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random								
Explanation : Soil Under The Footing Has Been Eroded								
Stem (breastwall)								
Concrete	70%			LIFE		* *		B
Concrete	30%	2-4	\$896,200	LIFE		* *		B
Cracks, Extent : Moderate, Area Affected : 25%								
Location : Random								
Delaminations, Extent : Moderate, Area Affected : 15%								
Location : Random								
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : Random								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%	4+	\$900	LIFE		* *		C
Erosion, Extent : Moderate, Area Affected : 20%								
Location : Random								
Piles								
Timber	100%			LIFE		* *		C
Other Observation, Extent : Light, Area Affected : 5%								
Location : Southeast Wingwall								
Explanation : Visible Due To Erosion								
Walls								
Concrete	90%			LIFE		* *		C
Concrete	10%	4+	\$76,000	LIFE		* *		C
Cracks, Extent : Light, Area Affected : 15%								
Location : Random								
Exposed Reinforcement, Extent : Light, Area Affected : 2%								
Location : Random								
Stream Channel								
Bank Protection								
Riprap	100%			LIFE		* *		C

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

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
Stream Channel								
Mat (scour & erosion)								
Stream Bed	100%			LIFE		* *		A
Pier Protection								
Concrete	100%	4+	\$57,100	LIFE		* *		B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random								
Explanation : Crack, Efflorescence, And Rust Stain								
Approaches								
Pavement								
Asphalt	100%	2-4	\$72,600	2024		* *	4	\$8,800 C
Cracks, Extent : Light, Area Affected : 15%								
Location : Random								
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Random								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 8%								
Location : Random								
Explanation : Raveling Pavement								
Curbs								
Concrete	40%			LIFE		* *		A
Concrete	60%	Now	\$7,900	LIFE		* *		A
Cracks, Extent : Light, Area Affected : 5%								
Location : Various Locations								
Settlement, Extent : Light, Area Affected : 5%								
Location :								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random								
Embankment								
Earth	90%			LIFE		* *		C
Earth	10%	4+	\$100	LIFE		* *		C
Vegetation Growth, Extent : Severe, Area Affected : 30%								
Location : Various Locations								

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

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

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								
Guide Railing								
Concrete	100%	4+	\$5,300	2026	* *	4	\$4,200	A
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Random							
	Spalling, Extent : Light, Area Affected : 3%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Random							
	Explanation : Scaling							
Steel	80%			LIFE	* *	2-8	\$7,600	A
Steel	20%	2-4	\$2,600	LIFE	* *	2-8	\$4,800	A
	Damaged Railing, Extent : Light, Area Affected : 3%							
	Location : Random							
	Rust Stains, Extent : Light, Area Affected : 10%							
	Location : Various Locations							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Asphalt	90%			2024	* *	4	\$1,200	C
Asphalt	10%	4+	\$500	2024	* *	4	\$1,200	C
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Various Locations							
	Settlement, Extent : Light, Area Affected : 10%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 25%							
	Location : Northeast Corner							
	Explanation : Unpaved Area							
Piers								
Cap Beam								
Concrete	100%	0-2	\$2,658,800	LIFE	* *			A
	Exposed Reinforcement, Extent : Moderate, Area Affected : 30%							
	Location : Bottom Of Concrete Beam							
	Spalling, Extent : Moderate, Area Affected : 30%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Condition Is As Per Nysdot Inspection Report							

Note : 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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**DEPARTMENT OF TRANSPORTATION - 841**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

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
Piers								
Pier,Columns								
Concrete	80%			LIFE	* *			B
Concrete	20%	2-4	\$12,171,600	LIFE	* *			B
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random								
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Light, Area Affected : 30%								
Location : Random								
Stem,Solid Pier								
Concrete	60%			LIFE	* *			B
Concrete	40%	4+	\$5,366,500	LIFE	* *			B
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random								
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
Explanation : Spalling With Exposed Reinforcement								
Brngs,Ancr Blts,Pads								
Steel	100%	2-4	\$319,200	LIFE	* *	2-8	\$8,200	A
Corrosion, Extent : Light, Area Affected : 15%								
Location : Random								
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : Random								
Footings								
Not Accessible	100%							D
Pedestals								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete	70%			2043	* *			A
Concrete	30%	Now	\$3,819,300	2043	* *			A
Cracks, Extent : Light, Area Affected : 10%								
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 Affected : 15%								
Location : Various Locations								
Guide Railing								
Steel	90%			LIFE	* *			A
Steel	10%	4+	\$40,200	LIFE	* *			A
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Various Locations								

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

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								
Median								
Steel	90%			LIFE	* *	4-8	\$41,100	A
Steel	10%	4+	\$4,000	LIFE	* *	4-8	\$25,800	A
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : The Condition Of The Center Through Is Recorded In Superstructure Under Primary Member								
Railings/Parapets								
Concrete	90%			2032	* *	4	\$3,900	A
Concrete	10%	4+	\$10,100	2032	* *	4	\$3,900	A
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location : Random								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Various Locations								
Sidewalks/Fascias								
Concrete	50%			2028	* *	5	\$20,700	C
Concrete	50%	Now	\$497,700	2028	* *	5	\$10,400	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								
Asphalt	80%			2024	* *	5	\$42,100	C
Asphalt	20%	2-4	\$25,100	2024	* *	5	\$21,100	C
Cracks, Extent : Light, Area Affected : 15%								
Location : Random								
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Random								
Superstructure								
Deck,Structural								
Concrete	60%			LIFE	* *	5	\$83,700	A
Concrete	40%	2-4	\$877,500	LIFE	* *	5	\$41,800	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, Area Affected : 50%								
Location : Random								
Explanation : Wood Plank Is Used For Under Deck Shield Protection								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

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								
Joints								
Generic	100%	0-2	\$166,000	LIFE	* *			C
Loose Joint Plates, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Primary Member								
Concrete	70%			LIFE	* *	5	\$48,100	A
Concrete	30%	2-4	\$1,136,100	LIFE	* *	5	\$24,000	A
Cracks, Extent : Light, Area Affected : 15%								
Location : Random								
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Random								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Various Location								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random								
Steel	80%			LIFE	* *	2-8	\$1,204,100	A
Steel	20%	2-4	\$12,023,500	LIFE	* *	2-8	\$702,500	A
Corrosion, Extent : Moderate, Area Affected : 25%								
Location : Random								
Loss of Section, Extent : Light, Area Affected : 10%								
Location : Random								
Rust Stains, Extent : Moderate, Area Affected : 25%								
Location : Random								
Secondary Member								
Steel	80%			LIFE	* *	2-8	\$1,033,100	B
Steel	20%	2-4	\$414,900	LIFE	* *	2-8	\$588,500	B
Corrosion, Extent : Light, Area Affected : 15%								
Location : Random								
Rust Stains, Extent : Moderate, Area Affected : 25%								
Location : Random								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : **08-Apr-2009** **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : **2240390**

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,740,900	
Bridge Electrical	\$945,700	\$176,600
Bridge Mechanical	\$352,700	\$1,736,200
<b>Total</b>	<b>\$3,039,300</b>	<b>\$1,912,800</b>
Priority A	\$1,594,800	
Priority B	\$1,444,500	\$1,912,800
<b>Total</b>	<b>\$3,039,300</b>	<b>\$1,912,800</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$47,200		\$4,400	
Bridge Electrical	\$61,900			
Bridge Mechanical	\$42,500			
<b>Total</b>	<b>\$151,600</b>		<b>\$4,400</b>	
Priority A	\$14,200		\$200	
Priority B	\$104,400			
Priority C	\$33,000		\$4,300	
<b>Total</b>	<b>\$151,600</b>		<b>\$4,400</b>	



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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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

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 Granite	100%	4+	\$14,200	LIFE	**			A
Other Observation, Extent : Moderate, Area Affected : 15% Location : Begin & End Abut. Explanation : Debris On Bridge Seat								
Backwall Concrete	100%			LIFE	**			C
Brngs,Ancr Blts,Pads Steel	100%	Now	\$58,800	LIFE	**			A
Broken/Missing Element, Extent : Severe, Area Affected : 20% Location : Begin Abut. & End Abut. Left Side Brgs. Missing 1 To 2 Anchor Bolts. Loose Fastenings, Extent : Severe, Area Affected : 100% Location : All 4 Bearings.have Loose Anchor Bolt Nuts.								
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	**			B
Mat (scour & erosion) Not Accessible	100%							D
Stem (breastwall) Masonry: Granite	100%			LIFE	**			B
Other Observation, Extent : Light, Area Affected : 10% Location : Begin & End Abut, Explanation : Masonry Pointing Needed								
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Not Accessible	100%							D
Piles Not Accessible	100%							D
Walls Granite	100%			LIFE	**			C
Other Observation, Extent : Light, Area Affected : 5% Location : Begin & End Abutment Explanation : Masonry Pointing Needed								
Stream Channel								
Bank Protection Concrete	100%			LIFE	**			C
Riprap	100%	4+	\$22,700	LIFE	**			C
Erosion, Extent : Moderate, Area Affected : 15% Location : Begin Left Side.								
Timber	100%			2020				C
Mat (scour & erosion) 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.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

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
Stream Channel								
Pier Protection								
Timber	80%			LIFE	* *			B
Timber	20%	Now	\$146,100	LIFE	* *			B
Broken/Missing Element, Extent : Moderate, Area Affected : 10%								
Location : Swing Span Pivot Pier.								
Split/Dry/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Swing Span Pivot Pier.								
Approaches								
Pavement								
Asphalt	100%			2024	* *	4	\$8,600	C
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Granite	100%			LIFE	* *			A
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$6,200	A
Sidewalks/Fascias								
Concrete	80%			LIFE	* *			C
Concrete	20%	4+	\$10,300	LIFE	* *			C
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Begin Right And Left Sidewalks								
Spalling, Extent : Light, Area Affected : 20%								
Location : Begin Left Sidewalk								
Movable Bridges								
Swing Span Truss								
Steel	80%	4+	\$877,700	LIFE	* *			A
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Swing Spans ! & 2.								
Explanation : Section Loss And Corrosion In Localized Areas.								
Steel	20%	0-2	\$658,300	LIFE	* *			A
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Swing Spans 1 & 2.								
Explanation : Section Loss And Corrosion On Primary And Secondary Members.								
Swing Span Pivot Pier								
Concrete	100%			LIFE	* *			A
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Swing Span Pivot Pier.								
Explanation : Masonry Pointing Needed.								

Bridge 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
Communication Electrical								
Communications								
Generic	100%			2014	\$10,700			B
Control System Electrical								

Note : 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**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

Bridge 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
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE		* *		B
Disconnect Switch								
Generic	100%			2018	\$9,900			B
Limit Switch								
Rotary	100%			2014				B
Generic	100%	2-4	\$10,900	2037		* *		B
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Brake Limit Switches								
Explanation : Brake Limit Switch Covers Corroded And Leaving Interior Components Exposed								
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%			2018	\$176,600			B
Raceway								
Submarine Control Cables								
Generic	100%			2014	\$294,300			B
Wiring								
Generic	100%			2014	\$465,200			B
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$25,200	2015	\$126,000			B
Broken/Missing Elem, Extent : Moderate, Area Affected : 25%								
Location : East Approach, North Stoplight Missing								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Flashers Mounted On Structure								
Explanation : Inoperative And/or Misaligned @Flashers Mounted On Structure. Gongs Inoperative @Vehicular Gates.								
Lighting								
Lighting Devices								
Generic	80%			2014	\$60,100			B
Other Observation, Extent : Light, Area Affected : 2%								
Location : Roadway Lighting								
Explanation : One Fixture Inoperative								
Generic	20%	Now	\$15,000	2025		* *		B
Other Observation, Extent : Light, Area Affected : 20%								
Location : Center Pier								
Explanation : Lighting At The Machinery Room And Stairway Is Not Operational Or Damaged								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Center Pier Navigation Lights								
Explanation : Not Functioning								

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

## Swing

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing								
Center Latch								
Generic	100%	Now	\$10,000	2023	\$99,800			B
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Center Latch</i>								
<i>Explanation : Components Are Corroded And Need Assistance During Operation.</i>								
Center Pivot/Rim Assembly								
Generic	100%			2023	\$1,013,400			B
End Lift								
Generic	100%	Now	\$65,600	2023	\$218,800			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : All End Lifts</i>								
<i>Explanation : Movement Under Traffic Loading. Roller Assemblies Are In Differing Positions. Adjustments Are Required</i>								
Houses								
Access Ways	100%	Now	\$26,700	2035	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Accessways/ Center Pivot Pier</i>								
<i>Explanation : Some Center Pivot Deck Boards Need To Be Repaired.</i>								
Control House	100%	Now	\$72,900	2060	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Control House</i>								
<i>Explanation : The Control House Is At The End Of Its Useful Life</i>								
Main Drive System								
Generic	100%	Now	\$40,400	2023	\$404,200			B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Operating Machinery</i>								
<i>Explanation : Some Oil Leakage</i>								
Rack								
Generic	100%			LIFE	* *			B
Live Load Supports								
Generic	100%			2016	\$96,700			B
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Raceways And Roller Nest</i>								
<i>Explanation : Components Are Nearing The End Of Their Useful Life</i>								

Note : 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**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing								
Traffic Devices								
Barrier Gate	100%	Now	\$5,800	2035	* *			B
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : All Barrier Gates							
	Explanation : Gates Do Not Lock In Closed Position							
Warning Gate	75%	4+	\$57,700	2035	* *			B
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Ne, Se And Sw Gates							
	Explanation : Nearing The End Of Their Useful Life							
Warning Gate	25%	Now	\$19,200	2035	* *			B
	Other Observation, Extent : Severe, Area Affected : 20%							
	Location : Nw							
	Explanation : Gates Are Nearing The End Of Their Useful Life. Warning Gate Arm Is Missing.							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 10-Apr-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240370

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,014,500	\$1,731,900
Bridge Electrical		\$1,042,000
Bridge Mechanical	\$375,300	\$834,000
<b>Total</b>	<b>\$1,389,800</b>	<b>\$3,607,900</b>
Priority A	\$816,500	\$724,500
Priority B	\$375,300	\$2,546,500
Priority C	\$198,000	\$336,900
<b>Total</b>	<b>\$1,389,800</b>	<b>\$3,607,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$49,600	\$15,800	\$137,300	
Bridge Electrical	\$41,800	\$5,900	\$5,900	\$5,900
Bridge Mechanical	\$97,900			
<b>Total</b>	<b>\$189,300</b>	<b>\$21,700</b>	<b>\$143,100</b>	<b>\$5,900</b>
Priority A	\$13,900		\$70,000	
Priority B	\$160,900	\$5,900	\$73,100	\$5,900
Priority C	\$14,500	\$15,800		
<b>Total</b>	<b>\$189,300</b>	<b>\$21,700</b>	<b>\$143,100</b>	<b>\$5,900</b>



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

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

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 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%	4+	\$21,200	LIFE	* *			B	
Leakage, Extent : Moderate, Area Affected : 10% Location : Begin & End Abutments									
Pedestals Concrete	100%			LIFE	* *			A	
Stem (breastwall) Concrete	100%			LIFE	* *			B	
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	
Mat (scour & erosion) Not Accessible	100%							D	
Pier Protection Timber	100%			LIFE	* *			B	
Rotted, Extent : Light, Area Affected : 1% Location : Starting On The Tops Of Dolphin Piles At Bascule Pier 5 6. Split/Dry/Cracked, Extent : Light, Area Affected : 1% Location : Random Locatios On Bascule Piers 5 & 6									
Approaches									
Pavement Asphalt	100%	2-4	\$59,500	2021	\$198,400	4	\$5,800	C	
Settlement, Extent : Light, Area Affected : 15% Location : Begin & End Approach. Other Observation, Extent : Moderate, Area Affected : 5% Location : Beginning And End Approaches Explanation : Asphalt Rutting And Shoving									
Concrete	100%	2-4	\$14,500	2035	* *	4	\$21,300	C	
Spalling, Extent : Moderate, Area Affected : 2% Location : Beginning Abutment									

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

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								
Curbs								
Concrete w/ Steel Face	100%	4+	\$13,900	LIFE	**			A
Corrosion, Extent : Light, Area Affected : 30%								
Location : Both Sides Of The Begin & End Approach.								
Guide Railing								
Steel	100%			LIFE	**	2-8		A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
Steel	100%			LIFE	**	2-8		A
Pier,Columns								
Concrete	100%			LIFE	**			B
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$24,200	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	**			B
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$103,900	LIFE	**			A
Corrosion, Extent : Light, Area Affected : 30%								
Location : Spans 1- 5 & 7 - 12.								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$48,000	A
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 5 & 7 - 12.								
Explanation : Spans With Railings.								
Sidewalks/Fascias								
Concrete	100%			2030	**	5	\$31,600	C
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 5 & 7 - 12.								
Explanation : Spans 1 - 5 & 7 - 12.								
Wearing Surface								
Concrete	100%			2035	**	5	\$276,900	C
Superstructure								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

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								
Deck,Structural Concrete	100%			LIFE	* *	5	\$54,000	A
Other Observation, Extent : Severe, Area Affected : 1% Location : Span 3 Explanation : 3sf Sip Form Is Corroded.								
Joints								
Generic	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 20% Location : Spans 3, 4, 7 & 10. Explanation : Joints Filled With Dirt.								
Primary Member Steel	100%			LIFE	* *	2-8	\$1,252,400	A
Secondary Member Steel	100%			LIFE	* *	2-8	\$1,049,100	B
Movable Bridges								
Bascule Span Steel	10%	2-4	\$712,600	LIFE	* *			A
Other Observation, Extent : Severe, Area Affected : 100% Location : Bascule Span 6 Explanation : Sidewalk & Roadway Wearing Surface Is Poor								
Steel	90%			LIFE	* *			A
Bascule Span Pier Concrete	100%			LIFE	* *			A
Other Observation, Extent : Light, Area Affected : 15% Location : Bascule Span Piers 5 & 6. Explanation : Base Of Trunnion Tower Colmns Exhibit Corrosion,								
Bridge 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
Communication Electrical								
Intercom Generic	100%	Now	\$13,400	2020	\$13,400			B
Other Observation, Extent : Severe, Area Affected : 100% Location : Entire Bridge Explanation : Intercom Not Functioning								
Telephone Desk Top	100%			2019				B
Control System Electrical								
Control Console Stainless Steel	100%	4+	\$4,300	LIFE	* *			B
Broken/Missing Elem, Extent : Moderate, Area Affected : 5% Location : Knob On Power Feeder Selector Broken, Indicating Lights Other Observation, Extent : Light, Area Affected : 10% Location : Control Desk Explanation : Power Feeder Knob Broken, Indicating Lighs Broken, Nw And Ne Full Seated Lights Broken								

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

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

Bridge 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
Control System Electrical								
Control Devices								
Relay	100%	Now	\$4,600	2025	**			B
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Motor Drives								
Explanation : Meters Show Current Surge During Opertion Of Drives.								
Disconnect Switch								
Non Fused	100%			2033	**	1	\$29,400	B
Limit Switch								
Generic	100%	2-4	\$900	2033	**			B
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Span Locks								
Explanation : Rotary Limit Switch, Covers Not Fastened Exposing Parts To The Elements								
Local Starter								
Magnetic	100%			2033	**			B
Drive								
Machinery Brake								
Thruster	100%			2046	**	1	\$900	B
Motor Brake								
Thruster	100%			2040	**	1	\$900	B
Span Lock Motor								
Generic	100%			2040	**	1	\$900	B
Electrical Power								
MCC								
Contactors	100%			2033	**			B
PanelBoard								
Circuit Breaker	100%			2037	**	1	\$5,500	B
Service Equipment								
Not Accessible	100%							D
Transfer Switch								
Not Accessible	100%							D
Transformer								
Dry	100%			2033	**			B
Exterior Lighting								
Lighting Contactor								
Generic	100%			2033	**	1	\$4,600	B
Lighting Fixture								
HID	100%			2014				B
Broken/Missing Elem, Extent : Moderate, Area Affected : 10%								
Location : Northeast And Southeast Roadway Lights Inoperative								
Pole								
Steel	100%			2021				B
Spot Lighting								
Generic	40%			2014	\$5,900			B
Generic	60%	Now	\$900	2018	\$8,800			B
Broken/Missing Elem, Extent : Moderate, Area Affected : 10%								
Location : Areaways								
Ground/Lightning Protection								

Note : 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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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

Bridge 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
Ground/Lightning Protection								
Ground Rod								
Not Accessible	100%							D
Interior Lighting								
Lighting Fixture								
Fluorescent	100%			2014	\$3,000	1	\$4,600	B
HID	100%			2018	\$3,000			B
Incandescent	100%			2014	\$3,000			B
Wiring Device								
Generic	100%			2025	* *			B
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2015				B
Span Lighting								
Incandescent	100%			2015		1	\$1,800	B
Raceway								
Box								
Pull Junction	100%			2020		1	\$5,500	B
Terminal	100%			2025	* *	1	\$1,800	B
Communications								
Twisted Shielded pair	100%			2019				B
Conduit								
Metal	100%			2048	* *			B
Submarine Control Cables								
Generic	100%			2021	\$1,042,000			B
Submarine Power Cable								
Generic	100%			2021				B
Trough								
Metal	100%			2055	* *	1	\$900	B
Wires								
Thermoplastic	100%			2025	* *			B
Span Lock								
Motor								
Squirrel Cage	100%			2023				B
Stand-by Power								
Transfer Switch								
Not Accessible	100%							D
Traffic System Electrical								
Traffic Gate Lighting								
Incandescent	100%			2015		1	\$900	B
Traffic Gong								
Generic	100%			2015		1	\$500	B
Traffic Signal								
Generic	100%			2018		1	\$500	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Counter Weight Generic	100%	2-4	\$46,600	2048	* *	2		B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All locations.								
Explanation : Some Corrosion Present								
Emergency Drive Not Accessible	100%							D
Houses								
Access Ways	100%	Now	\$23,100	2023	\$230,900			B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : All And As Noted								
Explanation : Some Grating And Door/hatch Repair Necessary. Cwt Access Platform Missing At Nw & Ne								
Control House	100%	Now	\$52,100	2035	* *			B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Control House								
Explanation : Some Doors And Windows Need Repair. It Was Also Reported That The Roof Leaks And The Ac Is Not Efficient.								
Machinery Room	100%	Now	\$32,000	2048	* *			B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Machinery Rooms								
Explanation : Machinery Rooms Are Corroded . Some Doors Need Repair.								
Lock Bars								
With Motor	100%	Now	\$99,200	2029	* *			B
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : All Locks								
Explanation : All Lockbar Clearances Need To Be Reduced. Oil Leakage From Gear Reducers And Components Are Corroding.								
Main Drive System								
Generic	100%	Now	\$88,600	2048	* *	2		B
Other Observation, Extent : Light, Area Affected : 20%								
Location : Reducers And Couplings								
Explanation : Oil Leakage From Gear Reducers, Components Are Corroding And Coupling Gaskets Are Deteriorating.								
Rack								
Generic	100%			2048	* *			B
Live Load Supports								
Generic	100%	Now	\$1,100	2029	* *			B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All locations.								
Explanation : Bearings Need To Be Adjusted In Conjunction With Locks.								

Note : 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**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Traffic Devices								
Barrier Gate	100%	Now	\$18,600	2023	\$372,200			B
Other Observation, Extent : Light, Area Affected : 10%								
Location : East & West Barriers								
Explanation : Random Gate Arm Lights Out								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : West Barrier Gates								
Explanation : West Barrier Gates Repair Repair To Center Locking Device.								
Warning Gate	100%	Now	\$23,100	2023	\$230,900			B
Other Observation, Extent : Light, Area Affected : 10%								
Location : All Gates.								
Explanation : Gates Require Limit Switch Adjustment.								
Trunnion								
Generic	100%	Now	\$88,800	2048	* *			B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Trunnion Assemblies								
Explanation : Components Are Corroding								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : HAMILTON AVENUE BRIDGE NORTHBOUND LEAF  
**Address** : HAMILTON AVE./GOWANUS CANAL  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0138.010 / 13434 **Yr Built/Renovated** : 1931 / 2007  
**Area Sq Ft** : 7,300 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 19-May-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240232

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$394,000	\$1,163,500
<b>Total</b>	<b>\$394,000</b>	<b>\$1,163,500</b>
Priority C	\$394,000	\$1,163,500
<b>Total</b>	<b>\$394,000</b>	<b>\$1,163,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure		\$23,700	\$1,100	\$3,400
Bridge Electrical	\$7,300	\$5,400	\$5,400	\$5,400
Bridge Mechanical	\$28,400			
<b>Total</b>	<b>\$35,700</b>	<b>\$29,100</b>	<b>\$6,400</b>	<b>\$8,800</b>
Priority A			\$1,100	
Priority B	\$35,700	\$5,400	\$5,400	\$5,400
Priority C		\$23,700		\$3,400
<b>Total</b>	<b>\$35,700</b>	<b>\$29,100</b>	<b>\$6,400</b>	<b>\$8,800</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE NORTHBOUND LEAF**  
**Asset # : 13434**

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 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	* *			B	
Masonry: Granite	100%			LIFE	* *			B	
Walls Concrete	100%			LIFE	* *			A	
Wingwalls									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Generic	100%			LIFE	* *			C	
Piles Not Accessible	100%							D	
Walls Concrete	100%			LIFE	* *			C	
Stream Channel									
Bank Protection Concrete	100%			LIFE	* *			C	
Timber	50%			2022	\$1,099,300			C	
Timber	50%	Now	\$329,800	2032	* *			C	
Broken/Missing Element, Extent : Severe, Area Affected : 25%									
Location : Begin Abutment Right Side Timber Bulkhead Missing Elements									
Mat (scour & erosion) Not Accessible	100%							D	
Pier Protection Timber	100%			LIFE	* *			B	
Approaches									
Pavement Asphalt	100%			2027	* *	4	\$71,200	C	
Concrete	100%			2037	* *	4		C	
Curbs Steel	100%			LIFE	* *			A	
Guide Railing Steel	100%			LIFE	* *	2-8	\$21,500	A	
Pavement Base Not Accessible	100%							D	
Sidewalks/Fascias Concrete	100%			LIFE	* *			C	

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE NORTHBOUND LEAF**  
**Asset # : 13434**

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
Piers								
Cap Beam Steel	100%			LIFE	**	2-8		A
Pier,Columns Concrete	100%			LIFE	**			B
Stem,Solid Pier Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$5,600	A
Footings Not Accessible	100%							D
Mat (scour & erosion) Not Accessible	100%							D
Pedestals Concrete	100%			LIFE	**			B
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	\$7,000	A
Sidewalks/Fascias Concrete	100%			2032	**	5	\$6,900	C
Wearing Surface Asphalt	100%			2027	**	5		C
Concrete	100%			2037	**	5	\$128,400	C
Superstructure								
Deck,Structural Concrete	100%			LIFE	**	5		A
Joints Steel	100%			LIFE	**			C
Primary Member Concrete	100%			LIFE	**	5		A
Steel	100%			LIFE	**	2-8		A
Secondary Member Concrete	100%			LIFE	**	5		B
Movable Bridges								
Bascule Span Steel	100%			LIFE	**			A
Bascule Span Pier 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.

Maintenance \$ are aggregated over a ten-year period. Site 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 NORTHBOUND LEAF**  
**Asset # : 13434**

Bridge 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
Communication Electrical								
Intercom								
Generic	100%			2022	\$16,800			B
Telephone								
Desk Top	100%			2022	\$300			B
Jack								
Telephone	100%			2022	\$200			B
Control System Electrical								
Computer								
PLC	100%			2022	\$23,100			B
Control Console								
Stainless Steel	100%			LIFE	* *			B
Control Devices								
Relay	100%			2042	* *			B
Disconnect Switch								
Non Fused	100%			2042	* *	1	\$29,400	B
Limit Switch								
Rotary	100%			2022				B
Local Starter								
Magnetic	100%			2042	* *			B
Drive								
Grating Motor								
Generic	100%			2052	* *			B
Machinery Brake								
Thruster	100%			2052	* *	1	\$900	B
Motor Brake								
Thruster	100%			2052	* *	1	\$900	B
Span Lock Motor								
Generic	100%			2052	* *	1	\$500	B
Electrical Power								
PanelBoard								
Circuit Breaker	100%			2042	* *	1	\$5,500	B
Service Equipment								
Circuit Breaker	100%			2042	* *			B
Transfer Switch								
Auto	100%			2042	* *			B
Exterior Lighting								
Lighting Fixture								
HID	100%			2022	\$5,800			B
Spot Lighting								
Generic	100%			2022	\$19,000			B
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2027	* *			B
Ground Rod								
Not Accessible	100%							D
Ground Wire								
Green	100%			2027	* *			B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE NORTHBOUND LEAF**  
**Asset # : 13434**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior Lighting								
Exit Lighting								
Battery Operated	100%			2027	* *			B
Lighting Fixture								
HID	100%			2027	* *			B
Navigation Lighting								
Pier Lighting								
Incandescent	100%			2022	\$5,500	1	\$3,700	B
Span Lighting								
Incandescent	100%	Now	\$2,100	2022	\$10,400	1	\$1,700	B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Bascule Span Lights</i>								
<i>Explanation : Red Lights Not Working</i>								
Raceway								
Box								
Pull Junction	100%			2032	* *	1	\$3,700	B
Conduit								
Metal	100%			2062	* *			B
Submarine Control Cables								
Control	100%			2027	* *			B
Submarine Power Cable								
Power	100%			2027	* *			B
Trough								
Metal	100%			2062	* *	1	\$900	B
Wires								
Thermoplastic	100%			2042	* *			B
Span Lock								
Motor								
Squirrel Cage	100%			2037	* *			B
Stand-by Power								
Generator								
Diesel	100%			2042	* *	1	\$3,700	B
Transfer Switch								
Auto	100%			2042	* *			B
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2022	\$13,500	1	\$900	B
Traffic Gate Lighting								
Incandescent	100%			2022	\$13,500	1	\$900	B
Traffic Gong								
Generic	100%			2022	\$14,200	1	\$500	B
Traffic Sign								
Fixed	100%			2022				B
Traffic Signal								
Generic	100%			2022	\$2,500	1	\$500	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE NORTHBOUND LEAF**  
**Asset # : 13434**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Counter Weight Generic	100%			2062	* *	2		B
Emergency Drive Emergency Power	100%	Now	\$2,600	2062	* *	2		B
Other Observation, Extent : Severe, Area Affected : 5% Location : Hpu & Control Rooms Explanation : Operation Of Emergency Systems Was Not Observed. Check Operation & For The Presence Of Exhaust Gas In Control Tower.								
Fuel Tanks Generic	100%			2042	* *			B
Houses								
Access Ways	100%	Now	\$800	2037	* *			B
Other Observation, Extent : Moderate, Area Affected : 2% Location : Counterweight Access Platform Explanation : Locking Pin Hole For Swing Platform Needs To Be Repaired.								
Control House	100%	Now	\$9,300	2062	* *			B
Other Observation, Extent : Light, Area Affected : 2% Location : Control House Explanation : Leaky Windows And Lower Level Door								
Machinery Room	100%	Now	\$1,600	2062	* *			B
Other Observation, Extent : Light, Area Affected : 2% Location : Machine Room Explanation : Some Water Leakage Into Room								
Lock Bars								
With Motor	100%	0-2	\$13,200	2037	* *	2		B
Other Observation, Extent : Moderate, Area Affected : 1% Location : East Lock Bars Explanation : Some Coverage Of Debris. Missing Nuts On Connecting Rod Pin Bolts.								
Main Drive System								
Generic	100%			2062	* *	2		B
Other Observation, Extent : Light, Area Affected : 1% Location : East Machine Room Explanation : Breathers Will Need To Be Changed Soon.								
Rack								
Generic	100%			2062	* *			B
Live Load Supports								
Generic	100%	0-2	\$800	2037	* *			B
Other Observation, Extent : Light, Area Affected : 2% Location : Cwt Pit Explanation : Bumper Block Wood Is Splitting.								
Traffic Devices								
Barrier Gate	100%			2037	* *			B
Warning Gate	100%			2037	* *			B
Trunnion								
Generic	100%			2062	* *			B

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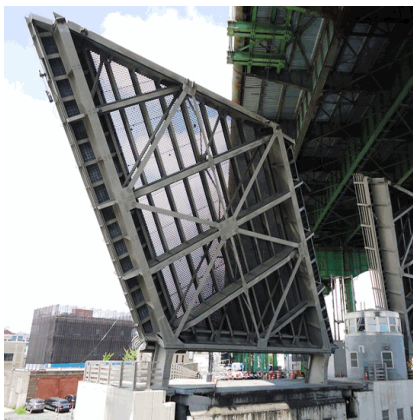
Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF  
**Address** : HAMILTON AVE./GOWANUS CANAL  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0138.000 / 4217 **Yr Built/Renovated** : 1931 / 2008  
**Area Sq Ft** : 7,300 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 19-May-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240231

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$167,500	\$763,800
Bridge Electrical		\$127,800
<b>Total</b>	<b>\$167,500</b>	<b>\$891,600</b>
Priority A		\$349,800
Priority B		\$477,600
Priority C	\$167,500	\$64,200
<b>Total</b>	<b>\$167,500</b>	<b>\$891,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$11,000	\$23,700	\$71,200	\$10,300
Bridge Electrical	\$7,200	\$5,400	\$5,400	\$5,400
Bridge Mechanical	\$37,500			
<b>Total</b>	<b>\$55,600</b>	<b>\$29,100</b>	<b>\$76,600</b>	<b>\$15,600</b>
Priority A			\$36,100	
Priority B	\$44,600	\$5,400	\$40,500	\$5,400
Priority C	\$11,000	\$23,700		\$10,300
<b>Total</b>	<b>\$55,600</b>	<b>\$29,100</b>	<b>\$76,600</b>	<b>\$15,600</b>



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 Estimates are rounded to the nearest hundred dollars.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**  
**Asset # : 4217**

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 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	* *			B
Masonry: Granite	100%			LIFE	* *			B
Walls Concrete	100%			LIFE	* *			A
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Generic	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	* *			C
Stream Channel								
Bank Protection Riprap	100%	4+	\$103,200	LIFE	* *			C
	Erosion, Extent : Light, Area Affected : 10% Location : Begin Abutment Left Side							
Sheet Piling	100%			LIFE	* *			C
Timber	90%			2027	* *			C
Timber	10%	Now	\$11,000	2027	* *			C
	Broken/Missing Element, Extent : Severe, Area Affected : 10% Location : End Abutment Left Side							
Mat (scour & erosion) Not Accessible	100%							D
Pier Protection Timber	100%			LIFE	* *			B
Approaches								
Pavement Asphalt	100%			2027	* *	4	\$71,200	C
Concrete	100%			2037	* *	4		C
Curbs Steel	100%			LIFE	* *			A
Guide Railing Steel	100%			LIFE	* *	2-8	\$21,500	A

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**  
**Asset # : 4217**

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 Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8		A
Pier,Columns								
Concrete	100%			LIFE	* *			B
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	\$5,600	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	* *			B
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	\$7,000	A
Sidewalks/Fascias								
Concrete	100%			2032	* *	5	\$7,900	C
Wearing Surface								
Asphalt	100%			2027	* *	5	\$12,700	C
Concrete	100%			2037	* *	5	\$128,400	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$2,700	A
Joints								
Steel	100%			LIFE	* *			C
Primary Member								
Concrete	100%			LIFE	* *	5		A
Steel	100%			LIFE	* *	2-8	\$653,400	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$547,400	B
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	* *			A

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**  
**Asset # : 4217**

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

## Movable Bridges

## Bascule Span Pier

Concrete

100%

LIFE

\* \*

A

Bridge 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

## Communication Electrical

## Communications

Generic

100%

2022

\$32,200

B

## Control System Electrical

## Computer

PLC

100%

2022

\$23,100

B

## Control Console

Stainless Steel

100%

LIFE

\* \*

B

## Control Devices

Relay

100%

2042

\* \*

B

## Disconnect Switch

Non Fused

100%

2042

\* \*

1

\$29,400

B

## Limit Switch

Rotary

100%

2022

B

## Local Starter

Magnetic

100%

2042

\* \*

B

## Drive

## Grating Motor

Generic

100%

2052

\* \*

B

*Other Observation, Extent : Light, Area Affected : 100%**Location : Machine Room**Explanation : Grating Motor Description Used For Main Motor*

## Machinery Brake

Thruster

100%

2052

\* \*

1

\$900

B

## Motor Brake

Thruster

100%

2052

\* \*

1

\$900

B

## Span Lock Motor

Generic

100%

2052

\* \*

1

\$500

B

## Electrical Power

## PanelBoard

Circuit Breaker

100%

2042

\* \*

1

\$5,500

B

## Service Equipment

Circuit Breaker

100%

2042

\* \*

B

## Transfer Switch

Auto

100%

2042

\* \*

B

## Exterior Lighting

## Lighting Fixture

HID

100%

2022

B

## Spot Lighting

Generic

100%

2022

B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**  
**Asset # : 4217**

Bridge Electrical		Current Repair			Future Replacement		Maintenance		
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		Code
Ground/Lightning Protection									
	Ground Bus								
	Copper	100%			2027	**			B
	Ground Rod								
	Not Accessible	100%							D
	Ground Wire								
	Green	100%			2027	**			B
Interior Lighting									
	Exit Lighting								
	Battery Operated	100%			2027	**			B
	Lighting Fixture								
	HID	100%			2027	**			B
Navigation Lighting									
	Pier Lighting								
	Incandescent	100%	Now	\$300	2022	\$5,500	1	\$3,300	B
		Other Observation, Extent : Light, Area Affected : 10%							
		Location : North Pier							
		Explanation : Center Pier Light Out							
	Span Lighting								
	Incandescent	100%	Now	\$2,100	2022	\$10,400	1	\$1,700	B
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location : East And West Bascule Lights							
		Explanation : Red Lights Not Working							
Raceway									
	Box								
	Pull Junction	100%			2032	**	1	\$3,700	B
	Conduit								
	Metal	100%			2062	**			B
	Submarine Control Cables								
	Control	100%			2027	**			B
	Submarine Power Cable								
	Power	100%			2027	**			B
	Trough								
	Metal	100%			2062	**	1	\$900	B
	Wires								
	Thermoplastic	100%			2042	**			B
Span Lock									
	Motor								
	Squirrel Cage	100%			2037	**			B
Stand-by Power									
	Generator								
	Diesel	100%			2042	**	1	\$3,700	B
	Transfer Switch								
	Auto	100%			2042	**			B
Traffic System Electrical									
	Barrier Gate Lighting								
	Incandescent	100%			2022		1	\$900	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**  
**Asset # : 4217**

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

## Traffic System Electrical

Traffic Gate Lighting								
Incandescent	100%			2022		1	\$900	B
Traffic Gong								
Generic	100%			2022		1	\$500	B
Traffic Sign								
Fixed	100%			2022				B
Traffic Signal								
Generic	100%			2022	\$127,800	1	\$500	B

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

## Bascule

Counter Weight								
Generic	100%			2062	* *	2		B
Emergency Drive								
Emergency Power	100%	Now	\$7,400	2062	* *	2		B
<i>Other Observation, Extent : Severe, Area Affected : 5%</i> <i>Location : Hpu &amp; Control Rooms</i> <i>Explanation : Operation Of Emergency Systems Was Not Observed. Check Operation And For The Presence Of Exhaust Gas In Control Tower</i>								
Fuel Tanks								
Under Construction	100%							D
Houses								
Access Ways	100%			2037	* *			B
Control House	100%	Now	\$10,100	2062	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Control House</i> <i>Explanation : Leaky Windows And Lower Level Door.</i>								
Machinery Room	100%	Now	\$3,200	2062	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Machine Room</i> <i>Explanation : Some Water Leakage Into Room</i>								
Lock Bars								
With Motor	100%	0-2	\$9,400	2037	* *	2		B
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i> <i>Location : West Locks</i> <i>Explanation : Some Coverage Of Debris. Missing Nuts On Connecting Rod Pin Bolts. Pooling Of Water At Inboard Crank Base</i>								
Main Drive System								
Generic	100%			2062	* *	2		B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : West Machine Room</i> <i>Explanation : Brake Covers Have Been Removed And Need To Be Re-installed. Breathers Will Need To Be Changed Soon</i>								
Rack								
Generic	100%			2062	* *			B

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\*\* 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**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Live Load Supports								
Generic	100%	0-2	\$1,100	2037		* *		B
Other Observation, Extent : Light, Area Affected : 5%								
Location : Cwt Pit And Bascule Span								
Explanation : Bumper Block Wood Is Splitting. Some Bolts On Span Centering Guide Appeared To Be Loose.								
Traffic Devices								
Barrier Gate	10%	Now	\$6,300	2037		* *		B
Other Observation, Extent : Light, Area Affected : 1%								
Location : North Barrier Gate								
Explanation : Barrier Gate Locking Limit Switch Is Not Working Properly								
Barrier Gate	90%			2037		* *		B
Warning Gate	100%			2037		* *		B
Trunnion								
Generic	100%			2062		* *		B
Other Observation, Extent : Light, Area Affected : 2%								
Location : West Trunnions								
Explanation : Missing Grease Fittings And Loose Purge Plugs								

*Note : 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.*

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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 2014 - 2017	FY 2018 - 2023
Bridge Structure		\$467,200	\$54,200
Bridge Electrical			\$158,100
Bridge Mechanical		\$419,700	\$230,900
<b>Total</b>		<b>\$886,900</b>	<b>\$443,200</b>
Priority B		\$886,900	\$389,000
Priority C			\$54,200
<b>Total</b>		<b>\$886,900</b>	<b>\$443,200</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$36,900			\$300
Bridge Electrical	\$37,200			
Bridge Mechanical	\$72,600			
<b>Total</b>	<b>\$146,700</b>			<b>\$300</b>
Priority A	\$100			
Priority B	\$109,700			
Priority C	\$36,800			\$300
<b>Total</b>	<b>\$146,700</b>			<b>\$300</b>



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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

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 Steel	100%			LIFE	* *			A
Other Observation, Extent : Light, Area Affected : 50%								
Location : Begin & End Abutment								
Explanation : Debris On Bridge Seat.								
Backwall Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads Steel	100%			LIFE	* *			A
Other Observation, Extent : Light, Area Affected : 50%								
Location : Begin & End Abutment.								
Explanation : Debris On Bearings.								
Footings Not Accessible	100%							D
Joint with Deck Generic	100%	Now	\$101,900	LIFE	* *			B
Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%								
Location : Begin & End Abutment								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Begin & End Abutment								
Explanation : Joint Sealer Cracked And Allows Water & Debris On Bridge Seat.								
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Riprap	100%			LIFE	* *			C
Piles Not Accessible	100%							D
Walls Masonry: Stone	100%			LIFE	* *			C
Other Observation, Extent : Light, Area Affected : 2%								
Location : All 4 Wingwalls								
Explanation : Efflorescence Located On The Wingwalls								
Stream Channel								
Bank Protection Riprap	100%	4+	\$500	LIFE	* *			C
Erosion, Extent : Moderate, Area Affected : 15%								
Location : Begin Abut. Left Side Embankment.								
Mat (scour & erosion) Stream Bed	100%			LIFE	* *			A

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

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
Stream Channel								
Pier Protection								
Timber	100%	4+	\$365,200	LIFE	**			B
Broken/Missing Element, Extent : Light, Area Affected : 10%								
Location : Pier 1 & Bascule Pier 2								
Rotted, Extent : Light, Area Affected : 20%								
Location : Both Piers								
Approaches								
Pavement								
Concrete	100%			2029	**	4	\$500	C
Spalling, Extent : Light, Area Affected : 5%								
Location : End Approach								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Sidewalks/Fascias								
Concrete	100%	4+	\$500	LIFE	**			C
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Both Approaches								
Piers								
Stem,Solid Pier								
Masonry	100%			LIFE	**			B
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 1								
Explanation : Pier 1 Is In Good Condition.								
Brngs,Ancr Blts,Pads								
Steel	5%	Now	\$100	LIFE	**	2-8		A
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Pier 1 Span 2 Side Right Bearing								
Explanation : Right Bearing At Pier 1 Is Bouncing Under Live Load.								
Steel	95%			LIFE	**	2-8		A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	**			B
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Railings/Parapets								
Steel	100%			LIFE	**	2-8		A
Sidewalks/Fascias								
Concrete	100%			2025	**	5		C

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

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								
Wearing Surface								
Concrete	90%			2029	* *	5	\$54,200	C
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 1, 3 & 4.							
	Explanation : Conc. Wearing Surface In Spans 1, 3 & 4.							
Concrete	10%	4+	\$8,700	2029	* *	5	\$27,100	C
	Cracks, Extent : Light, Area Affected : 25%							
	Location : Spans 1 And 4							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5		A
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 1, 3, & 4							
	Explanation : Located In Spans 1, 3, & 4							
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Steel	100%			LIFE	* *	2-8		A
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 1, 3 & 4.							
	Explanation : Located In Spans 1, 3 & 4.							
Secondary Member								
Steel	100%			LIFE	* *	2-8		B
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Spans 1, 3 & 4.							
	Explanation : Located In Spans 1, 3 & 4.							
Movable Bridges								
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 Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Communications								
Generic	100%	Now	\$600	2019	\$32,200			B
Other Observation, Extent : Light, Area Affected : 2%								
Location : Telephone								
Explanation : Telephone In Control Room Needs To Be Punched Down.								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

Bridge Electrical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		Code
Control System Electrical									
	Control Console								
	Stainless Steel	100%	Now	\$700	LIFE	* *			B
		Other Observation, Extent : Light, Area Affected : 2%							
		Location : Indication Lights							
		Explanation : The Indication Lights Need Replacement/relamping.							
	Disconnect Switch								
	Generic	100%			2040	* *			B
	Limit Switch								
	Generic	100%			2040	* *			B
Electrical Power									
	Transfer Switch								
	Auto	100%	4+	\$1,700	2040	* *			B
		Other Observation, Extent : Moderate, Area Affected : 25%							
		Location : Circuit Breaker Transfer							
		Explanation : Circuit Breaker Transfer Switch Making Noise When Turned Off							
	Transformer								
	Dry	100%			2040	* *			B
	Heating								
	Generic	100%			2040	* *			B
	Dist Equip & Motor Controll								
	Generic	100%			2040	* *			B
Raceway									
	Submarine Control Cables								
	Generic	100%			2024	* *			B
	Wiring								
	Generic	100%			2025	* *			B
Stand-by Power									
	Generator								
	Natural Gas	100%	Now	\$32,400	2033	* *			B
		Other Observation, Extent : Moderate, Area Affected : 100%							
		Location :							
		Explanation : Generator Is Inoperable							
Traffic System Electrical									
	Traffic Signal								
	Generic	100%			2019	\$158,100			B
Lighting									
	Lighting Devices								
	Generic	100%	Now	\$1,800	2025	* *			B
		Other Observation, Extent : Light, Area Affected : 5%							
		Location : Navigation Lighting							
		Explanation : Several Navigational Lights Need Relamping.							

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

Bascule

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Counter Weight Generic	100%			2055	* *			B
Emergency Drive Emergency Power	100%	Now	\$32,700	2035	* *			B
Other Observation, Extent : Moderate, Area Affected : 100% Location : Control House And Machine Room Explanation : Emergency Operation Could Not Be Tested. System Should Be Tested Every Month.								
Houses								
Access Ways	100%	Now	\$32,700	2029	* *			B
Other Observation, Extent : Moderate, Area Affected : 10% Location : Access Ways Explanation : Some Doors/hatches Need Repair								
Control House	100%	Now	\$95,300	2048	* *			B
Other Observation, Extent : Moderate, Area Affected : 20% Location : Control House Explanation : Roof Is Leaking. House Plumbing Needs Repair.								
Machinery Room	100%			2055	* *			B
Lock Bars								
With Motor	50%	Now	\$23,400	2029	* *			B
Other Observation, Extent : Light, Area Affected : 100% Location : Toe Locks Explanation : Some Corrosion. Lock Bar Protective Cover Needs To Be Repaired.								
With Motor	50%	Now	\$117,000	2029	* *			B
Other Observation, Extent : Moderate, Area Affected : 75% Location : Tail Locks Explanation : Tail Locks Not Functional. Also, South Tail Lock Missing Drive Motor.								
Main Drive System								
Generic	100%	Now	\$113,400	2055	* *			B
Other Observation, Extent : Moderate, Area Affected : 10% Location : Machinery Room Explanation : Limit Switches Need To Be Adjusted In Conjunction With Live Load Bearings For Firm Seating Of Bridge.								
Rack								
Generic	100%			2055	* *			B
Live Load Supports								
Generic	50%	Now	\$7,100	2033	* *			B
Other Observation, Extent : Moderate, Area Affected : 50% Location : Live Load Bearings At Toe Explanation : Gap Present At South And Center Live Load Support Bearings And Substantial Movement Under Traffic Loading.								
Generic	50%			2033	* *			B
Other Observation, Extent : Light, Area Affected : 100% Location : Live Load Supports At Tail Explanation : Not Accessible								
Track								
Generic	100%			2055	* *			B

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*\*\* 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 Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Traffic Devices								
Barrier Gate	100%	Now	\$70,700	2029	* *			B
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Barrier Gates								
Explanation : The Barrier Gates Are Currently Not In Service.								
Warning Gate	100%			2023	\$230.900			B

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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  
**Program / Asset #** : DOT0007.090 / 4269 **Yr Built/Renovated** : 1935 / 1995  
**Area Sq Ft** : 60,456 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 17-May-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2075859

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$187,900	\$1,059,200
Bridge Electrical		\$2,351,700
Bridge Mechanical	\$192,300	
<b>Total</b>	<b>\$380,300</b>	<b>\$3,410,900</b>
Priority A	\$68,600	\$424,100
Priority B	\$192,300	\$2,867,500
Priority C	\$119,300	\$119,300
<b>Total</b>	<b>\$380,300</b>	<b>\$3,410,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$31,600	\$700	\$93,300	\$19,600
Bridge Electrical	\$21,500			\$27,000
Bridge Mechanical	\$62,300			
<b>Total</b>	<b>\$115,400</b>	<b>\$700</b>	<b>\$93,300</b>	<b>\$46,600</b>
Priority A	\$18,300		\$41,600	
Priority B	\$87,500		\$51,700	\$27,000
Priority C	\$9,700	\$700		\$19,600
<b>Total</b>	<b>\$115,400</b>	<b>\$700</b>	<b>\$93,300</b>	<b>\$46,600</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

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 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	* *			B	
Mat (scour & erosion) Earth	100%	4+	\$3,700	LIFE	* *			B	
	Erosion, Extent : Light, Area Affected : 10% Location : End Abutment Drainage								
Generic	100%			LIFE	* *			B	
Pedestals Concrete	100%			LIFE	* *			A	
Wingwalls									
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 Explanation : Efflorescence								
Brick Veneer	90%			LIFE	* *			C	
Stream Channel									
Bank Protection Riprap	100%			LIFE	* *			C	
Mat (scour & erosion) Not Accessible	100%							D	
Pier Protection Concrete	100%			LIFE	* *			B	
	Other Observation, Extent : Light, Area Affected : 1% Location : Piers 4 & 5. Explanation : Granite Blocks								
Timber	100%			LIFE	* *			B	
	Other Observation, Extent : Light, Area Affected : 1% Location : Piers 2 & 3. Explanation : Piers 2 & 3.								

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Estimates are rounded to the nearest hundred dollars.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

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	80%			2026	* *	4	\$11,900	C
Asphalt	20%	4+	\$5,300	2027	* *	4	\$7,900	C
Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Approach								
Concrete	100%			2037	* *	4	\$29,900	C
Curbs								
Concrete	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Steel	90%			LIFE	* *	2-8	\$4,500	A
Steel	10%	Now	\$2,500	LIFE	* *	2-8	\$4,500	A
Broken/Missing Element, Extent : Severe, Area Affected : 25%								
Location : East Side And West Side - North (end) Approach								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Asphalt	100%			2027	* *	4	\$2,000	C
Concrete	100%			LIFE	* *			C
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	\$30,000	A
Pier,Columns								
Brick Veneer	100%			LIFE	* *			B
Concrete	100%			LIFE	* *			B
Granite	100%			LIFE	* *			B
Steel	100%			LIFE	* *	2-8	\$75,400	B
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	* *			B
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Guide Railing								
Steel	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.

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

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								
Median								
Concrete	100%			LIFE	* *	5	\$8,300	A
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$53,700	A
Sidewalks/Fascias								
Concrete	100%			2032	* *	5	\$9,400	C
Wearing Surface								
Concrete	100%			2037	* *	5	\$238,600	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$43,600	A
Grating w/ Concrete	100%			LIFE	* *			A
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Steel	100%			LIFE	* *	2-8	\$710,800	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$766,000	B
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	* *			A
Steel	10%	4+	\$68,600	LIFE	* *			A
Other Observation, Extent : Light, Area Affected : 30%								
Location : Random Areas Of St. Steel and Grating And Bascule Columns								
Explanation : Corrosion								
Bascule Span Pier								
Concrete	98%			LIFE	* *			A
Concrete	2%	4+	\$15,800	LIFE	* *			A
Other Observation, Extent : Light, Area Affected : 2%								
Location : North Leaf								
Explanation : Cracking Of Concrete At Inboard Trunnion Bearing Pedestal								

Bridge 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
Communication Electrical								
Intercom								
Generic	100%			2020	\$13,400			B
Telephone								
Desk Top	100%			2020				B
Control System Electrical								
Control Console								
Generic	100%			2035	* *			B
Control Devices								
Relay	100%			2027	* *			B

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\*\* 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 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
Control System Electrical								
Disconnect Switch								
Generic	100%			2035	* *			B
Limit Switch								
Generic	100%			2020	\$88,900			B
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Northwest Pier Below Machine Room								
Explanation : Fully Open Limit Switch Corroded								
Electrical Power								
Transfer Switch								
Auto	100%	2-4	\$10,200	2027	* *			B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Transfer Switch								
Explanation : Only One Power Source Available. Transfer Switch Cannot Be Used Because Only One Source Of Power Is Available.								
Transformer								
Dry	100%			2027	* *			B
Heating								
Generic	100%			2027	* *			B
Dist Equip & Motor Controll								
Generic	100%			2027	* *			B
Navigation Lighting								
Pier Lighting								
Incandescent	100%			2020				B
Span Lighting								
Incandescent	100%			2017				B
Raceway								
Conduit								
Metal	100%	4+	\$10,700	2037	* *			B
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Below Machine Rooms								
Explanation : Conduits Corroding								
Submarine Control Cables								
Generic	100%			2020	\$762,000			B
Submarine Power Cable								
Power	100%			2020				B
Wiring								
Generic	100%			2023	\$1,404,400			B
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	10%	Now	\$300	2017	\$1,300			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Southeast, Southwest, Northeast and Northwest Barrier Gates								
Explanation : Southeast Light Cover Missing, Southwest Light Out, Northeast Light Out, Northwest Light Cover Missing								
Incandescent	90%			2017	\$12,100			B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Traffic System Electrical								
Traffic Gate Lighting								
Incandescent	10%	Now	\$300	2017	\$1,300			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Southwest, Southeast And Northeast Warning Gates</i> <i>Explanation : Southwest Light Out, Southeast Two Lights Out, Northeast Light Out</i>								
Incandescent	90%			2017	\$12,100			B
Traffic Gong								
Generic	100%			2017				B
Traffic Signal								
Generic	100%			2017				B
Lighting								
Lighting Devices								
Generic	100%			2020	\$96,300			B
Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Bascule								
Counter Weight								
Generic	100%			2050	* *			B
<i>Other Observation, Extent : Light, Area Affected : 50%</i> <i>Location : North &amp; South Cwts</i> <i>Explanation : Only The North Cwts Were Observed. The South Were Not Accessible.</i>								
Emergency Drive								
Emergency Power	100%			2050	* *			B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : All Machine Rooms</i> <i>Explanation : Emergency Drive Was Reported Not To Have Been Run In A Long Time, Needs To Be Tested</i>								
Houses								
Access Ways	100%	Now	\$4,400	2031	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Access Ways</i> <i>Explanation : Some Doors Do Not Close Properly.</i>								
Auxiliary	100%	Now	\$5,200	2031	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : South Auxiliary House</i> <i>Explanation : Leaky Door</i>								
Control House	100%	Now	\$9,500	2050	* *			B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Control House</i> <i>Explanation : Leaky Door. Exhaust Fan Non-functioning.</i>								
Machinery Room	100%	Now	\$3,200	2050	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Machine Rooms</i> <i>Explanation : Water Observed In Some Rooms. Some Doors Do Not Close Properly.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Lock Bars With Motor	100%	4+	\$100,900	2031		* *		B
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : All Lock Bars								
Explanation : Only Observed From Sidewalk. Movement Of Spans Ranged From Approx 1/8 To 1/4 inches. Clearances Need To Be Reduced.								
Main Drive System								
Generic	50%	4+	\$45,700	2050		* *		B
Other Observation, Extent : Light, Area Affected : 5%								
Location : North Machine Rooms								
Explanation : Operation Not Observed. Some Corrosion & Lubricant Leakage. Possible Lubricant Contamination.								
Generic	50%	Now	\$45,700	2050		* *		B
Other Observation, Extent : Light, Area Affected : 5%								
Location : South Machine Rooms								
Explanation : Small Squeak From Couplings During Operation. One Failed Brake Limit Switch.								
Rack								
Generic	100%	4+	\$19,300	2050		* *		B
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Racks								
Explanation : Corrosion								
Live Load Supports								
Not Accessible	100%							D
Traffic Devices								
Barrier Gate	25%	0-2	\$7,500	2031		* *		B
Other Observation, Extent : Light, Area Affected : 5%								
Location : Barrier Gates								
Explanation : Southeast Reported To Be Missing Handles.								
Barrier Gate	75%			2031		* *		B
Warning Gate	100%	0-2	\$13,300	2031		* *		B
Other Observation, Extent : Light, Area Affected : 5%								
Location : Warning Gates								
Explanation : Require Adjustment Of Shock Absorbers. Southeast Reported To Be Missing Handles.								
Trunnion								
Generic	100%			2050		* *		B
Other Observation, Extent : Light, Area Affected : 5%								
Location : Trunnion Bearings								
Explanation : Some Exterior Surface Corrosion.								

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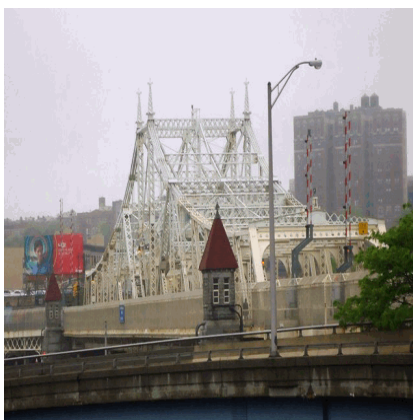
Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER  
**Address** : E.155 ST. & HARLEM RIVER  
**Borough** : MANHATTAN:BX. **Agency's Number** : N/A  
**Program / Asset #** : DOT0137.000 / 4180 **Yr Built/Renovated** : 1931 / 2004  
**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$3,353,200	\$5,220,900
<b>Total</b>	<b>\$3,353,200</b>	<b>\$5,220,900</b>
Priority A	\$1,609,700	\$2,571,300
Priority B	\$1,699,700	\$2,605,800
Priority C	\$43,800	\$43,800
<b>Total</b>	<b>\$3,353,200</b>	<b>\$5,220,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$15,300		\$509,900	
Bridge Electrical	\$15,100	\$6,200	\$6,200	\$6,200
Bridge Mechanical	\$95,100	\$11,000		\$11,000
<b>Total</b>	<b>\$125,500</b>	<b>\$17,200</b>	<b>\$516,000</b>	<b>\$17,200</b>
Priority A			\$248,500	
Priority B	\$110,100	\$17,200	\$267,500	\$17,200
Priority C	\$15,300			
<b>Total</b>	<b>\$125,500</b>	<b>\$17,200</b>	<b>\$516,000</b>	<b>\$17,200</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

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 Granite	100%			LIFE	**			A	
Backwall Masonry	100%			LIFE	**			C	
Brngs,Ancr Blts,Pads Not Accessible	100%							D	
Footings Not Accessible	100%							D	
Joint with Deck Generic	100%	Now	\$47,500	LIFE	**			B	
Missing/Damaged Seal, Extent : Moderate, Area Affected : 50% Location : Begin Abutment Joint Sealer Damaged									
Mat (scour & erosion) Generic	100%			LIFE	**			B	
Pedestals Concrete	100%			LIFE	**			A	
Stem (breastwall) Masonry: Granite	100%			LIFE	**			B	
Walls Not Accessible	100%							D	
Wingwalls									
Footings Not Accessible	100%							D	
Mat (scour & erosion) Generic	100%			LIFE	**			C	
Piles Not Accessible	100%							D	
Walls Concrete	100%			LIFE	**			C	
Masonry: Granite	100%	4+	\$15,300	LIFE	**			C	
Broken/Missing Element, Extent : Light, Area Affected : 2% Location : Begin Right Wingwall Has Voids And Displacement 4 inches.									
Stream Channel									
Bank Protection Concrete	100%			LIFE	**			C	
Riprap	100%			LIFE	**			C	
Mat (scour & erosion) Not Accessible	100%							D	
Pier Protection Concrete	100%	4+	\$121,200	LIFE	**			B	
Other Observation, Extent : Light, Area Affected : 2% Location : Pier 36 Explanation : Concrete With Timber Bumpers.									
Approaches									
Pavement Concrete	100%			2037	**	4		C	

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

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								
Curbs								
Steel	100%			LIFE	**			A
Guide Railing								
Steel	100%			LIFE	**	2-8	\$14,800	A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Steel	100%	4+	\$527,300	LIFE	**	2-8	\$1,336,800	A
Corrosion, Extent : Moderate, Area Affected : 6% Location : Piers 4, 17, & 25. 25 Is Most Severe.								
Pier,Columns								
Steel	100%	4+	\$979,600	LIFE	**	2-8	\$2,308,100	B
Cracks, Extent : Moderate, Area Affected : 2% Location : Pier 31 Right Side Column Knee Brace. Corrosion, Extent : Moderate, Area Affected : 2% Location : Pier 17								
Stem,Solid Pier								
Concrete	100%	4+	\$421,200	LIFE	**			B
Spalling, Extent : Moderate, Area Affected : 20% Location : Pier 51								
Masonry	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Steel	25%	Now	\$340,500	LIFE	**	2-8	\$40,100	A
Joint Freezing, Extent : Severe, Area Affected : 25% Location : Piers 2, 6, 10, 18, 22, 25, 27, 29, & 31 Exp. Bridges Frozen.								
Steel	70%			LIFE	**	2-8	\$40,100	A
Steel	5%	Now	\$34,000	LIFE	**	2-8	\$40,100	A
Other Observation, Extent : Severe, Area Affected : 50% Location : Pier 14 Explanation : Loose Exp. Brg. Plates At 5 Brgs.								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	**			A
Pedestals								
Steel	100%	2-4	\$52,000	LIFE	**			B
Corrosion, Extent : Severe, Area Affected : 25% Location : Pier 4, 10, 12, 17, 25 & 29.								
Deck Elements								
Curbs								
Steel	100%			LIFE	**			A
Guide Railing								
Concrete	100%			2042	**			A
Steel	100%			LIFE	**			A

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

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%			2052	**	5		C	
Railings/Parapets									
Steel	100%			LIFE	**	2-8	\$111,700	A	
Sidewalks/Fascias									
Concrete	100%			2032	**	5	\$87,700	C	
Wearing Surface									
Concrete	100%			2037	**	5		C	
Superstructure									
Deck,Structural									
Concrete	100%			LIFE	**	5	\$100,300	A	
Joints									
Steel	100%			LIFE	**			C	
Generic	100%			LIFE	**			C	
Primary Member									
Steel	95%			LIFE	**	2-8	\$1,684,900	A	
Steel	5%	4+	\$707,900	LIFE	**	2-8	\$1,684,900	A	
Corrosion, Extent : Moderate, Area Affected : 5%									
Location : Span 40 Bottom Chord Eyebars.									
Secondary Member									
Steel	90%			LIFE	**	2-8	\$1,411,500	B	
Steel	10%	4+	\$78,200	LIFE	**	2-8	\$1,411,500	B	
Corrosion, Extent : Severe, Area Affected : 10%									
Location : Spans 23, 26, 30, 37, & 40 Cross Frame Diaphragms.									
Movable Bridges									
Swing Span Truss									
Steel	100%			LIFE	**			A	
Swing Span Pivot Pier									
Concrete	100%			LIFE	**			A	

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Intercom								
Generic	100%			2022	\$14,500			B
Telephone								
Wall Mounted	100%			2022				B
Jack								
Telephone	100%			2022				B
Control System Electrical								
Computer								
PLC	100%	Now	\$7,500	2021	\$25,000			B
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Plc Cabinet								
Explanation : Plc Program Is Not Present In Either Processor, Bridge Is Not Operable On Main System								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

Bridge 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
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	**			B
Control Devices								
Relay	100%			2042	**			B
Disconnect Switch								
Non Fused	100%			2042	**	1	\$29,400	B
Limit Switch								
Rotary	100%			2022				B
Local Starter								
Magnetic	100%			2042	**			B
Drive								
Grating Motor								
Generic	100%			2052	**			B
Machinery Brake								
Thruster	100%			2052	**	1	\$500	B
Motor Brake								
Thruster	100%			2052	**	1	\$900	B
Electrical Power								
MCC								
Generic	10%	Now	\$1,400	2042	**			B
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Machine Room Mcc							
	Explanation : Southeast Endlift Starter Bad In Mcc							
Generic	90%			2042	**			B
PanelBoard								
Circuit Breaker	100%			2042	**	1	\$5,500	B
Transfer Switch								
Auto	100%			2042	**			B
Exterior Lighting								
Lighting Contactor								
Generic	100%			2042	**	1	\$4,600	B
Lighting Fixture								
Generic	100%			2022				B
Spot Lighting								
Generic	100%			2022				B
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2027	**			B
Ground Rod								
Copper	100%			2022				B
Ground Wire								
Green	100%			2027	**			B
Interior Lighting								
Exit Lighting								
Battery Operated	100%			2027	**			B
Lighting Fixture								
Fluorescent	100%			2027	**	1	\$4,600	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2022		1	\$2,800	B
Pier Lighting								
Incandescent	100%			2022		1	\$3,700	B
Span Lighting								
Incandescent	100%			2022		1	\$1,800	B
Raceway								
Box								
Pull Junction	100%			2032	* *	1	\$3,200	B
Terminal	100%			2032	* *	1	\$3,700	B
Collector Ring								
Metal	100%			2032	* *			B
Conduit								
Metal	100%			2062	* *			B
Submarine Control Cables								
Control	100%			2027	* *			B
Submarine Power Cable								
Power	100%			2027	* *			B
Trough								
Metal	100%			2062	* *	1	\$900	B
Wires								
Thermoplastic	100%			2042	* *			B
Span Lock								
Motor								
Squirrel Cage	100%			2037	* *			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Span Lock								
Explanation : Span Lock Description Used For Endlifts Motors								
Stand-by Power								
Transfer Switch								
Auto	100%			2042	* *			B
Traffic System Electrical								
Barrier Gate Lighting								
Not Accessible	100%							D
Traffic Gate Lighting								
Not Accessible	100%							D
Traffic Gong								
Not Accessible	100%							D
Traffic Sign								
Fixed	100%			2022				B
Traffic Signal								
Not Accessible	100%							D

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing								
Center Latch								
Generic	100%			2057	* *	2	\$18,400	B
	Other Observation, Extent : Light, Area Affected : 1% Location : East & West Explanation : Could Not Be Tested Due To Electrical Problem.							
Center Pivot/Rim Assembly								
Generic	100%			2057	* *	2		B
	Other Observation, Extent : Light, Area Affected : 2% Location : Center Pivot Pier Explanation : ( Rim Bearing ) Minor Corrosion. Could Not Be Tested Due To Electrical Problem.							
Emergency Drive								
Emergency Power	100%			2057	* *	2	\$36,700	B
	Other Observation, Extent : Light, Area Affected : 5% Location : Swing Span Machinery Room Explanation : Operation Was Not Observed. Emergency Drive Reported To Have Last Been Tested In 2010.							
End Lift								
Generic	100%	Now	\$19,900	2057	* *	2		B
	Other Observation, Extent : Light, Area Affected : 5% Location : East & West Rest Piers Explanation : Corrosion, Southeast Reported To Not Be Operational. Could Not Be Tested Due To Electrical Problem. Install Covers.							
Fuel Tanks								
Generic	100%			2039	* *			B
Houses								
Access Ways	100%	Now	\$8,700	2057	* *			B
	Other Observation, Extent : Light, Area Affected : 1% Location : Swing Span Access Hatches Explanation : Hatch Locks Need Maintenance							
Control House	100%	Now	\$4,700	2057	* *			B
	Other Observation, Extent : Light, Area Affected : 1% Location : Control House Explanation : Broken Door Lock							
Machinery Room	100%			2057	* *			B
Main Drive System								
Generic	100%	0-2	\$26,600	2057	* *	2		B
	Other Observation, Extent : Light, Area Affected : 2% Location : Operating Machinery Explanation : Corrosion, Grease On Inside Surface Of Brakewheel, Breathers Will Need To Be Changed Soon. Could Not Be Tested.							
Live Load Supports								
Generic	100%			2035	* *			B
	Other Observation, Extent : Light, Area Affected : 2% Location : East & West Rest Pier Explanation : Minor Corrosion & Debris. Three Open Bolt Holes At Back Of Each Base.							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**

**Asset # : 4180**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing								
Traffic Devices								
Barrier Gate	100%	Now	\$20,200	2035	* *			B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : East &amp; West Approaches</i> <i>Explanation : Missing Locking Arms, Nw Barrier Gate Not Working. Could Not Be Tested Due To Elec Problem. Check Guy Wires Tension.</i>								
Warning Gate	50%	Now	\$12,500	2035	* *			B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Pedestrian Gates</i> <i>Explanation : Sw Pedestrian Gate Not Working, Stuck In Closed Position. Pedestrian Gate Arms Not Installed. Could Not Be Tested.</i>								
Warning Gate	50%	0-2	\$2,500	2035	* *			B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Warning Gates</i> <i>Explanation : Could Not Be Tested Due To Electrical Problem. Check Guy Wires Tension.</i>								

*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : MADISON AVE. BRIDGE  
**Address** : HARLEM RIVER, HARLEM RIV DR.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0042.0A0 / 4210 **Yr Built/Renovated** : 1907 / 2008  
**Area Sq Ft** : 22,600 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 11-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224007A

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$964,000	\$501,500
<b>Total</b>	<b>\$964,000</b>	<b>\$501,500</b>
Priority A	\$737,600	\$278,600
Priority B	\$175,700	\$175,700
Priority C	\$50,700	\$47,200
<b>Total</b>	<b>\$964,000</b>	<b>\$501,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$195,000		\$42,000	
<b>Total</b>	<b>\$195,000</b>		<b>\$42,000</b>	
Priority A	\$123,200		\$24,400	
Priority B	\$36,300		\$17,600	
Priority C	\$35,400			
<b>Total</b>	<b>\$195,000</b>		<b>\$42,000</b>	



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 Estimates are rounded to the nearest hundred dollars.

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE**  
**Asset # : 4210**

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								
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		* *		B
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
Walls								
Concrete	100%	4+	\$451,300	LIFE		* *		A
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Spalling, Extent : Light, Area Affected : 2%								
Location : Spall With Exposed Rebar At Southwest Wall At Pier								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Fasciae								
Explanation : Cellular Abutment Wall								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
Walls								
Concrete	90%			LIFE		* *		C
Concrete	10%	4+	\$50,700	LIFE		* *		C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Spalling, Extent : Light, Area Affected : 5%								
Location : Spalls With Exposed Rebar At Southeast Wingwall At Pier Joint And Along Southwest Wingwall								
Approaches								
Pavement								
Concrete	100%			2032		* *	4	C
Other Observation, Extent : Light, Area Affected : 100%								
Location : At End Of Concrete Approach Slabs								
Explanation : Asphalt Expansion Joint Between Rigid Pavement And Approach Slab								

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\*\* 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 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									
Guide Railing Steel	100%			LIFE	* *	2-8		A	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Top Of Concrete Barrier									
Explanation : Steel Railing									
Pavement Base Not Accessible	100%							D	
Sidewalks/Fascias Concrete	100%			LIFE	* *			C	
Piers									
Cap Beam Steel	100%			LIFE	* *	2-8	\$246,700	A	
Pier,Columns Concrete Encased Steel	95%			LIFE	* *	5		B	
Other Observation, Extent : Light, Area Affected : 10%									
Location : Pier 2									
Explanation : Joint Leaking And Water Stains									
Concrete Encased Steel	5%	4+		LIFE	* *	5		B	
Spalling, Extent : Light, Area Affected : 5%									
Location : Corrosion To Steel Protective Angles And Delamination / Spall Of Concrete Cover									
Stem,Solid Pier Concrete	95%			LIFE	* *			B	
Concrete	5%	4+	\$4,300	LIFE	* *			B	
Leakage, Extent : Light, Area Affected : 10%									
Location : Both Ends 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	* *			B	
Deck Elements									
Gratings Steel	100%			LIFE	* *			A	
Guide Railing Concrete	100%			2036	* *			A	
Median Concrete	100%			LIFE	* *	5	\$5,700	A	
Mono Deck Surface Concrete	100%	4+	\$9,700	2043	* *	5	\$47,200	C	
Cracks, Extent : Light, Area Affected : 2%									
Location : Near End Abutment									

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\*\* 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 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								
Railings/Parapets Steel	100%			LIFE	**	2-8	\$17,600	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Railings Are On Both Sides Of Bridge								
Sidewalks/Fascias Concrete	100%			2028	**	5	\$4,600	C
Wearing Surface Asphalt	100%	4+	\$25,300	2024	**	5	\$11,900	C
Cracks, Extent : Moderate, Area Affected : 25%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Southbound Lane								
Explanation : Asphalt Wearing Surface On One Side Of The Lane Only								
Superstructure								
Deck,Structural Concrete	90%			LIFE	**	5	\$39,100	A
Concrete	10%	4+	\$46,800	LIFE	**	5	\$19,500	A
Corrosion, Extent : Severe, Area Affected : 40%								
Location : S.I.P. Forms Under East And West Fascia Girders								
Joints								
Generic	95%			LIFE	**			C
Generic	5%	4+	\$400	LIFE	**			C
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random								
Explanation : Joint Filler Is Depressed								
Primary Member Steel	100%			LIFE	**	2-8	\$562,600	A
Secondary Member Steel	100%			LIFE	**	2-8	\$482,700	B

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER  
**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** : 03-May-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240079

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure		\$541,100
Bridge Electrical		\$217,300
Bridge Mechanical	\$64,900	
<b>Total</b>	<b>\$64,900</b>	<b>\$758,400</b>
Priority A		\$265,000
Priority B	\$64,900	\$478,700
Priority C		\$14,700
<b>Total</b>	<b>\$64,900</b>	<b>\$758,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$18,200	\$34,700	\$54,200	\$2,200
Bridge Electrical	\$11,500	\$3,200	\$16,700	\$3,200
Bridge Mechanical	\$56,400		\$58,800	
<b>Total</b>	<b>\$86,200</b>	<b>\$37,900</b>	<b>\$129,700</b>	<b>\$5,400</b>
Priority A	\$200		\$28,000	
Priority B	\$69,500	\$3,200	\$101,700	\$3,200
Priority C	\$16,400	\$34,700		\$2,200
<b>Total</b>	<b>\$86,200</b>	<b>\$37,900</b>	<b>\$129,700</b>	<b>\$5,400</b>



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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

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 Concrete	100%			LIFE	* *			A	
Backwall Concrete	100%			LIFE	* *			C	
Brngs,Ancr Blts,Pads Elastomeric	100%			2047	* *			A	
Footings Not Accessible	100%							D	
Joint with Deck Generic	95%			LIFE	* *			B	
Generic	5%	2-4	\$500	LIFE	* *			B	
Leakage, Extent : Light, Area Affected : 20% Location : Begin And End Abutment									
Pedestals Concrete	100%			LIFE	* *			A	
Stem (breastwall) Concrete	100%			LIFE	* *			B	
Walls Concrete	100%			LIFE	* *			A	
Wingwalls									
Footings Not Accessible	100%							D	
Piles Not Accessible	100%							D	
Walls Concrete	100%			LIFE	* *			C	
Other Observation, Extent : Light, Area Affected : 100% Location : Wingwalls Explanation : Beginning Wingwall Only. End Approach Has No Wingwall									
Stream Channel									
Bank Protection Concrete	100%			LIFE	* *			C	
Riprap	100%			LIFE	* *			C	
Timber	100%			2026	* *			C	
Mat (scour & erosion) Not Accessible	100%							D	
Pier Protection Timber	98%			LIFE	* *			B	
Timber	2%	Now	\$1,000	LIFE	* *			B	
Broken/Missing Element, Extent : Moderate, Area Affected : 2% Location : Pier 13 - 50' Of Safety Railing Is Missing On Timber Fender.									
Approaches									

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

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	90%			2025	**	4	\$4,400	C
Asphalt	10%	2-4	\$1,500	2022	\$14,700	4	\$4,400	C
Cracks, Extent : Moderate, Area Affected : 15%								
Location : End Approach								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : End Approach								
Explanation : Uneven Pavement (pothole Repairs).								
Concrete	100%			2034	**	4		C
Curbs								
Concrete	100%			LIFE	**			A
Guide Railing								
Steel	100%			LIFE	**	2-8		A
Sidewalks/Fascias								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
Steel	100%			LIFE	**	2-8	\$206,400	A
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$246,800	B
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Masonry	99%			LIFE	**			B
Masonry	1%	Now	\$100	LIFE	**			B
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Pier 12 Left Side.								
Explanation : Pier 12 Left Side Two Masonry Blocks Have Shifted 4".								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051	**			A
Steel	100%			LIFE	**	2-8	\$5,100	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	**			B
Deck Elements								
Guide Railing								
Concrete	100%			2041	**			A
Steel	99%			LIFE	**			A
Steel	1%	Now	\$200	LIFE	**			A
Loose Joint Plates, Extent : Moderate, Area Affected : 5%								
Location : Pier 6 Left Side, Parapet Joint Plate Loose And 3" Into Rdwy.								
Median								
Concrete	100%			LIFE	**	5	\$4,600	A
Steel	100%			LIFE	**	4-8	\$22,500	A

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

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								
Railings/Parapets Steel	100%			LIFE	* *	2-8	\$32,900	A
	Damaged Railing, Extent : Light, Area Affected : 2% Location : Span 21							
Sidewalks/Fascias Concrete	100%			2029	* *	5	\$23,000	C
Grating w/ Concrete	100%			2047	* *			C
Wearing Surface								
Asphalt	100%			2025	* *	5	\$69,300	C
Concrete	98%			2034	* *	5		C
	Cracks, Extent : Moderate, Area Affected : 1% Location : Span 18 East Bound							
Concrete	2%	Now		2034	* *	5		C
	Broken,Missing Pave, Extent : Moderate, Area Affected : 2% Location : Piers 17 & 19 Eastbound Rdwy.							
Superstructure								
Deck,Structural Concrete	100%			LIFE	* *	5	\$19,500	A
	Efflorescence, Extent : Light, Area Affected : 5% Location : Spans 9, 17, 18							
Grating w/ Concrete	100%			LIFE	* *			A
Joints								
Steel	100%			LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 100% Location : Piers 12 And 14 Explanation : Piers 12 And 14							
Generic	80%			LIFE	* *			C
Generic	20%	0-2	\$3,500	LIFE	* *			C
	Missing/Damaged Seal, Extent : Moderate, Area Affected : 50% Location : Piers 3, 6,9,11,15 And 18							
Primary Member								
Steel	100%			LIFE	* *	2-8	\$328,200	A
	Corrosion, Extent : Moderate, Area Affected : 10% Location : Spans 8, 9, & 11							
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$274,900	B
	Corrosion, Extent : Light, Area Affected : 5% Location : Spans 8, 9, & 11.							
Movable Bridges								
Swing Span Truss Steel	100%			LIFE	* *			A
	Other Observation, Extent : Moderate, Area Affected : 10% Location : Spans 13 & 14. Explanation : Localized Areas Of Holes In Primary And Secondary Members.							
Swing Span Pivot Pier								
Concrete	100%			LIFE	* *			A

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

Bridge 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
Communication Electrical								
Intercom								
Generic	100%	Now	\$5,000	2020	\$16,800			B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Entire System								
Explanation : System Inoperative								
Control System Electrical								
Computer								
PLC	50%			2020	\$11,500			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Plc Adjacent To Hatch Leading To Fender System								
Explanation : Inoperative And Incomplete Construction								
PLC	50%			2020	\$11,500			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Plc Adjacent To Hatch Leading To Roadway								
Explanation : System Operates, Allows Limited Contol Desk Functionality.								
Control Console								
Stainless Steel	50%			LIFE	* *			B
Other Observation, Extent : Light, Area Affected : 25%								
Location : Control Desk								
Explanation : Partially Inoperative And Incomplete Construction								
Stainless Steel	50%			LIFE	* *			B
Other Observation, Extent : Light, Area Affected : 50%								
Location : Control House								
Explanation : Partially Used								
Control Devices								
Relay	100%			2038	* *			B
Disconnect Switch								
Generic	100%			2038	* *			B
Limit Switch								
Generic	100%			2038	* *			B
Local Starter								
Magnetic	100%			2038	* *			B
Drive								
Machinery Brake								
Thruster	100%			2041	* *	1	\$500	B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Machinery Room								
Explanation : Thruster Brake Inoperative								
Motor Brake								
Thruster	100%			2041	* *	1	\$900	B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Machinery Space								
Explanation : Thruster Brake Inoperative.								
Span Lock Motor								
Generic	100%			2047	* *			B

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Drive								
Wedge Motor								
Generic	100%			2047	* *	1	\$900	B
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Jacks								
Explanation : No Wedges. Jacks Utilized Instead.								
Electrical Power								
MCC								
Generic	100%			2038	* *			B
PanelBoard								
Circuit Breaker	100%			2038	* *	1	\$5,500	B
Service Equipment								
Circuit Breaker	100%			2038	* *			B
Transfer Switch								
Auto	100%			2038	* *			B
Transformer								
Dry	100%			2038	* *			B
Exterior Lighting								
Lighting Contactor								
Generic	100%			2038	* *	1	\$4,600	B
Lighting Fixture								
HID	100%			2020	\$23,200			B
Pole								
Aluminum	100%			2025	* *			B
Interior Lighting								
Lighting Fixture								
Fluorescent	100%			2025	* *	1	\$4,600	B
Wiring Device								
Generic	100%			2029	* *			B
Navigation Lighting								
Fender Lighting								
Incandescent	100%	Now	\$400	2019	\$8,200	1	\$2,500	B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Entire System								
Explanation : System Needs Relamping								
Pier Lighting								
Incandescent	100%			2019	\$5,500	1	\$3,700	B
Span Lighting								
Incandescent	100%	Now	\$3,300	2019	\$6,500	1	\$1,700	B
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Swing Span								
Explanation : All Swing Span Navigation Light Inoperable								
Raceway								
Box								
Pull Junction	100%	Now	\$200	2026	* *	1	\$2,900	B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Entire System								
Explanation : Sveral Boxes Throughout The Structure Are Missing Covers.								

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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**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

Bridge 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
Raceway								
Collector Ring Metal	100%			2029	* *			B
Conduit Metal	100%			2056	* *			B
Submarine Control Cables Generic	100%			2025	* *			B
Submarine Power Cable Power	100%			2025	* *			B
Trough Metal	100%			2056	* *	1	\$900	B
Wires Thermoplastic	100%			2038	* *			B
Span Lock								
Motor Squirrel Cage	100%			2034	* *			B
Traffic System Electrical								
Barrier Gate Lighting Incandescent	100%			2016	\$13,500	1	\$900	B
Traffic Gate Lighting Incandescent	100%	Now	\$300	2020	\$13,500	1	\$800	B
Other Observation, Extent : Light, Area Affected : 2% Location : Entire System Explanation : Several Fixtures Need Relamping.								
Traffic Gong Generic	100%			2020	\$14,200	1	\$500	B
Traffic Signal Generic	100%			2020	\$217,300	1	\$500	B
Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

Bridge Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Swing									
	Center Latch								
	Generic	100%	0-2	\$2,500	2049	* *	2	\$14,700	B
Other Observation, Extent : Light, Area Affected : 2%									
Location : Center Latch									
Explanation : Concrete Spalled Around Socket Base.									
	Center Pivot/Rim Assembly								
	Generic	100%	0-2	\$64,900	2036	* *	2	\$44,100	B
Other Observation, Extent : Light, Area Affected : 2%									
Location : Center Pivot									
Explanation : One Tension Rod Disconnected And Bent. One Anchor Bolt Nut Is Not Fully Tight									

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing								
End Lift								
Generic	100%	0-2	\$13,900	2049	* *	2	\$29,400	B
Other Observation, Extent : Light, Area Affected : 2%								
Location : End Lifts								
Explanation : Some Chain Guard Mounting Fasteners Are Not Installed. End Lifts Reported To Operate Slower In Colder Weather.								
Houses								
Machinery Room	100%			2049	* *			B
Main Drive System								
Generic	100%			2024	* *	2	\$183,700	B
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Main Drive System.								
Explanation : Interim Drive System In Place. No Guards For Open Gearing.								
Live Load Supports								
Generic	100%	0-2	\$3,300	2030	* *			B
Other Observation, Extent : Light, Area Affected : 2%								
Location : End Lift Bases								
Explanation : Concrete Spalling Around Bases								
Traffic Devices								
Barrier Gate	100%			2030	* *			B
Warning Gate	100%			2030	* *			B

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 07-Apr-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231479

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$24,959,000	\$3,328,100
Bridge Electrical	\$294,200	\$382,500
Bridge Mechanical	\$3,131,900	\$3,971,100
<b>Total</b>	<b>\$28,385,200</b>	<b>\$7,681,700</b>
Priority A	\$21,108,200	\$1,388,900
Priority B	\$6,665,200	\$5,544,400
Priority C	\$611,900	\$748,500
<b>Total</b>	<b>\$28,385,200</b>	<b>\$7,681,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$70,400		\$242,600	
Bridge Electrical	\$89,100	\$500	\$500	\$500
Bridge Mechanical	\$1,100		\$10,600	
<b>Total</b>	<b>\$160,500</b>	<b>\$500</b>	<b>\$253,700</b>	<b>\$500</b>
Priority A	\$57,500		\$123,200	
Priority B	\$100,000	\$500	\$130,500	\$500
Priority C	\$3,000			
<b>Total</b>	<b>\$160,500</b>	<b>\$500</b>	<b>\$253,700</b>	<b>\$500</b>



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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN**

**Asset # : 4318**

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
Mat (scour & erosion)								
Earth	100%	Now	\$5,300	LIFE	* *			B
Erosion, Extent : Moderate, Area Affected : 10%								
Location : Both Begin & End Abutments								
Stem (breastwall)								
Concrete	100%	4+	\$408,400	LIFE	* *			B
Cracks, Extent : Severe, Area Affected : 40%								
Location : End Abutment								
Delaminations, Extent : Moderate, Area Affected : 10%								
Location : End Abutment								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : End Abutment								
Spalling, Extent : Light, Area Affected : 5%								
Location : End Abutment								
Walls								
Not Accessible	100%							D
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%	4+	\$69,000	LIFE	* *			C
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Random At The End Right Wingwall.								
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random At All Wingwalls								
Stream Channel								
Mat (scour & erosion)								
Stream Bed	100%			LIFE	* *			A
Pier Protection								
Timber	100%			LIFE	* *			B
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : At Bascule Piers 8 & 9.								
Approaches								
Pavement								
Asphalt	100%	4+	\$52,900	2021	\$264,600	4	\$7,900	C
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Both Approaches								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN**

**Asset # : 4318**

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								
Curbs								
Concrete	100%	Now	\$14,900	LIFE	* *			A
	Broken/Missing Element, Extent : Severe, Area Affected : 20%							
	Location : Both Approaches							
	Cracks, Extent : Moderate, Area Affected : 50%							
	Location : Both Approaches							
	Settlement, Extent : Moderate, Area Affected : 50%							
	Location : Both Approaches							
Embankment								
Earth	100%	2-4	\$900	LIFE	* *			C
	Erosion, Extent : Moderate, Area Affected : 10%							
	Location : Both Approaches							
Guide Railing								
Steel	50%	Now	\$1,300	LIFE	* *	2-8	\$4,800	A
	Damaged Railing, Extent : Moderate, Area Affected : 10%							
	Location : Begin Approach Right Side.and Median.							
Steel	50%	4+	\$700	LIFE	* *	2-8	\$4,800	A
	Damaged Railing, Extent : Moderate, Area Affected : 30%							
	Location : End Approach							
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Asphalt	100%	2-4	\$2,200	2021	\$10,800	4	\$700	C
	Cracks, Extent : Moderate, Area Affected : 10%							
	Location : End Approach Right Side							
Piers								
Cap Beam								
Concrete	60%	2-4	\$447,400	LIFE	* *			A
	Delaminations, Extent : Moderate, Area Affected : 15%							
	Location : Random Piers							
	Spalling, Extent : Moderate, Area Affected : 15%							
	Location : Random Piers							
Concrete	40%			LIFE	* *			A

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN**  
**Asset # : 4318**

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	
Piers									
Pier,Columns									
Concrete	60%			LIFE		* *		B	
Concrete	30%	4+	\$1,634,300	LIFE		* *		B	
Cracks, Extent : Moderate, Area Affected : 20%									
Location : All Piers									
Delaminations, Extent : Light, Area Affected : 20%									
Location : All Piers									
Exposed Reinforcement, Extent : Light, Area Affected : 20%									
Location : All Piers									
Spalling, Extent : Light, Area Affected : 20%									
Location : All Piers									
Concrete	10%			LIFE		* *		B	
Recent Repair Evident, Extent : Light, Area Affected : 25%									
Location : Pier 3									
Stem,Solid Pier									
Concrete	100%	4+	\$1,061,100	LIFE		* *		B	
Cracks, Extent : Moderate, Area Affected : 25%									
Location : Piers 2 And 12									
Delaminations, Extent : Light, Area Affected : 10%									
Location : Piers 2 And 12									
Efflorescence, Extent : Moderate, Area Affected : 20%									
Location : Piers 2 And 12									
Exposed Reinforcement, Extent : Light, Area Affected : 5%									
Location : Piers 2 And 12									
Spalling, Extent : Light, Area Affected : 5%									
Location : Piers 2 And 12									
Brngs,Ancr Blts,Pads									
Steel	100%	4+	\$2,068,500	LIFE		* *	2-8	\$33,000	A
Corrosion, Extent : Moderate, Area Affected : 30%									
Location : Random Piers									
Footings									
Not Accessible	100%								D
Mat (scour & erosion)									
Riprap	100%	4+	\$1,400	LIFE		* *			A
Other Observation, Extent : Light, Area Affected : 1%									
Location : Piers 2 & 12									
Explanation : Solid Stem Pier									
Pedestals									
Concrete	100%	4+	\$92,900	LIFE		* *			B
Cracks, Extent : Light, Area Affected : 15%									
Location : Piers 3,4,5, And 11									
Spalling, Extent : Moderate, Area Affected : 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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**DEPARTMENT OF TRANSPORTATION - 841**  
**MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN**

**Asset # : 4318**

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	100%	Now	\$5,284,000	2040	**			A
Broken/Missing Element, Extent : Severe, Area Affected : 20%								
Location : Spans 10, 11, 12, 13 And 14 Left Side.								
Steel	100%			LIFE	**			A
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Spans 9 Thru. 14 On The Right Side								
Median								
Concrete	70%			LIFE	**	5	\$2,700	A
Concrete	20%	4+	\$14,400	LIFE	**	5	\$2,700	A
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Random Spans								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Random Spans								
Concrete	10%	2-4	\$3,600	LIFE	**	5	\$2,700	A
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Random Spans								
Steel	30%	4+	\$16,200	LIFE	**	4-8	\$21,700	A
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Spans								
Steel	70%			LIFE	**	4-8	\$21,700	A
Railings/Parapets								
Steel	10%	4+	\$4,900	LIFE	**	2-8	\$30,100	A
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Spans								
Steel	90%			LIFE	**	2-8	\$30,100	A
Sidewalks/Fascias								
Concrete	40%	4+	\$44,200	2025	**	5	\$8,500	C
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Spans								
Concrete	30%	0-2	\$99,500	2028	**	5	\$8,500	C
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Spans								
Concrete	30%	Now	\$99,500	2025	**	5	\$8,500	C
Broken/Missing Element, Extent : Severe, Area Affected : 10%								
Location : Spans 3, 6, 9, 10, 11, 12, 13 And 14								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Spans 3, 6, 9, 10, 11, 12, 13, And 14.								
Steel	100%			2050	**	2-8		C
Recent Replace Evident, Extent : Light, Area Affected : 25%								
Location : Spans 9, 10, 11, 12, 13, And 14 On The Right Sidewalk.								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN**  
**Asset # : 4318**

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								
Wearing Surface								
Asphalt	50%	0-2	\$83,000	2021	\$207,600	5	\$34,300	C
	Cracks, Extent : Moderate, Area Affected : 30%							
	Location : Random Spans							
	Settlement, Extent : Moderate, Area Affected : 5%							
	Location : Span 14							
	Spalling, Extent : Moderate, Area Affected : 30%							
	Location : Random Spans							
Asphalt	50%	2-4	\$62,300	2021	\$207,600	5	\$34,300	C
	Cracks, Extent : Moderate, Area Affected : 25%							
	Location : Random Spans							
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : Random Spans							
Superstructure								
Deck,Structural								
Concrete	50%	4+	\$1,359,700	LIFE	**	5	\$59,600	A
	Cracks, Extent : Light, Area Affected : 40%							
	Location : Random Spans							
	Delaminations, Extent : Light, Area Affected : 10%							
	Location : Random Spans							
	Efflorescence, Extent : Light, Area Affected : 30%							
	Location : Random Spans							
	Spalling, Extent : Light, Area Affected : 10%							
	Location : Random Spans							
Concrete	40%	2-4	\$870,200	LIFE	**	5	\$59,600	A
	Cracks, Extent : Moderate, Area Affected : 35%							
	Location : Random Spans							
	Delaminations, Extent : Moderate, Area Affected : 10%							
	Location : Random Spans							
	Efflorescence, Extent : Moderate, Area Affected : 20%							
	Location : Random Spans							
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : Random Spans							
Concrete	10%	Now	\$163,200	LIFE	**	5	\$59,600	A
	Settlement, Extent : Severe, Area Affected : 15%							
	Location : Span 14							
Joints								
Generic	100%	Now	\$101,500	LIFE	**			C
	Broken/Missing Element, Extent : Moderate, Area Affected : 10%							
	Location : Piers 2,3,4,5,10,11 And 12							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN**

**Asset # : 4318**

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								
Concrete	100%	4+	\$2,607,300	LIFE	* *	5	\$31,600	A
Cracks, Extent : Severe, Area Affected : 50%								
Location : Spans 1,2,13, And 14								
Efflorescence, Extent : Moderate, Area Affected : 50%								
Location : Spans 1,2,13, And 14								
Steel	90%			LIFE	* *	2-8	\$1,111,700	A
Steel	10%	4+	\$7,543,700	LIFE	* *	2-8	\$1,111,700	A
Corrosion, Extent : Moderate, Area Affected : 50%								
Location : Random Spans								
Secondary Member								
Concrete	90%			LIFE	* *	5		B
Concrete	10%	2-4	\$4,500	LIFE	* *	5		B
Spalling, Extent : Severe, Area Affected : 50%								
Location : Spans 1 And 14								
Steel	90%			LIFE	* *	2-8	\$931,600	B
Steel	10%	2-4	\$42,400	LIFE	* *	2-8	\$931,600	B
Corrosion, Extent : Moderate, Area Affected : 10%								
Location : Random Spans								
Movable Bridges								
Bascule Span								
Steel	100%	4+	\$687,500	LIFE	* *			A
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Bascule Span 8								
Explanation : Corrsion On Steel And Counterweight Deterioration								
Bascule Span Pier								
Concrete	10%	4+	\$76,800	LIFE	* *			A
Other Observation, Extent : Light, Area Affected : 10%								
Location : Bascule Piers 7 & 8								
Explanation : Concrete Deterioration								
Concrete	90%			LIFE	* *			A

Bridge 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
Communication Electrical									
Communications									
Generic		100%	Now	\$32,200	2020	\$32,200			B
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Operators Room									
Explanation : Not Functioning Land Line Desk Top Phone									
Intercom									
Generic		100%	Now	\$13,400	2020	\$13,400			B
Other Observation, Extent : Severe, Area Affected : 100%									
Location : Entire Bridge									
Explanation : Public Address System Broken And Missing Parts									

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN**  
**Asset # : 4318**

Bridge 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
Control System Electrical								
Control Console Metal	100%	Now	\$6,800	2037	**			B
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Control Console								
Explanation : Position Indicators Inoperative								
Control Devices Relay	100%			2025	**			B
Disconnect Switch Non Fused	100%			2033	**			B
Limit Switch Lever	100%			2015				B
Plunger	100%			2015				B
Generic	100%			2025	**			B
Drive								
Machinery Brake Thruster	100%			2040	**			B
Motor Brake Thruster	100%	0-2	\$57,500	2040	**			B
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Machinery Room								
Explanation : Emergency Brakes								
Span Lock Motor Generic	100%			2030	**			B
Electrical Power								
MCC Contactors	100%			2033	**			B
PanelBoard Circuit Breaker	100%			2025	**			B
Service Equipment Circuit Breaker	100%			2033	**			B
Transfer Switch Manual	100%			2033	**			B
Exterior Lighting								
Lighting Contactor Generic	100%			2025	**	1	\$4,600	B
Lighting Fixture HID	100%			2018				B
Pole Aluminum	100%			2021				B
Interior Lighting								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN**

**Asset # : 4318**

Bridge 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
Interior Lighting								
Lighting Fixture								
Fluorescent	100%	Now	\$900	2024	**			B
	Other Observation, Extent : Moderate, Area Affected : 30%							
	Location : Random Locations							
	Explanation : Service Lighting Fixtures Are Inoperable							
HID	100%	Now	\$1,200	2024	**			B
	Broken/Missing Elem, Extent : Moderate, Area Affected : 40%							
	Location : Lighting Fixtures Throughout Bridge Are Broken							
Incandescent	100%	4+	\$600	2020	\$3,000			B
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations							
	Explanation : Lighting Fixtures Broken							
Wiring Device								
Generic	100%			2028	**			B
Navigation Lighting								
Fender Lighting								
Incandescent	100%	Now	\$17,200	2020	\$17,200			B
	Other Observation, Extent : Severe, Area Affected : 70%							
	Location : Fender Area							
	Explanation : Inoperable Navigation Lights							
Span Lighting								
Incandescent	100%	0-2	\$13,700	2019	\$27,500			B
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Center Of Span							
	Explanation : 2 Of 4 Span Navigation Lights Are Inoperable							
Power Over 600V								
Transformer								
Oil	100%			2018				B
Raceway								
Box								
Pull Junction	100%			2020				B
Communications								
Twisted Shielded pair	100%			2015				B
Conduit								
Metal	100%	4+	\$236,700	2055	**			B
	Other Observation, Extent : Moderate, Area Affected : 30%							
	Location : Random Locations							
	Explanation : Conduits Completely Corroded In Some Locations							
Submarine Control Cables								
Control	100%			2014				B
Submarine Power Cable								
Power	100%			2018				B
Trough								
Metal	100%			2035	**			B
Wires								
Rubber	100%			2018	\$165,200			B

**Span Lock**

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN**  
**Asset # : 4318**

Bridge 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

## Span Lock

## Motor

Squirrel Cage

100%

2023

B

## Traffic System Electrical

## Traffic Gate Lighting

Incandescent

100%

2015

B

## Traffic Gong

Generic

100%

Now

\$2,700

2020

\$2,700

B

*Other Observation, Extent : Severe, Area Affected : 50%**Location : Warning Gates/Bridge Approach**Explanation : Traffic Gong Not Working*

## Traffic Signal

Generic

100%

2018

\$217,300

B

## Bridge Mechanical

## Current Repair

## Future Replacement

## Maintenance

System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
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## Bascule

## Counter Weight

Generic

100%

2-4

\$494,200

2048

\* \*

B

*Other Observation, Extent : Moderate, Area Affected : 30%**Location : Underside Of Counterweights**Explanation : Spalling Concrete And Exposed Re-bar On Both Counterweights*

## Emergency Drive

## Emergency Power

50%

Now

\$32,300

2035

\* \*

B

*Other Observation, Extent : Severe, Area Affected : 30%**Location : North Leaf**Explanation : Corroded Motor Coupling And The Brake Thrustor Is Leaking. System Could Not Be Tested.*

## Emergency Power

50%

Now

\$32,300

2035

\* \*

B

*Other Observation, Extent : Severe, Area Affected : 30%**Location : South Leaf**Explanation : Components And Linkage Corroded, System Could Not Be Tested.*

## Houses

## Access Ways

100%

Now

\$51,800

2023

\$172,500

B

*Other Observation, Extent : Severe, Area Affected : 10%**Location : North Tower Access Ways**Explanation : Corrosion And Section Loss Of Grating*

## Control House

100%

Now

\$95,300

2035

\* \*

B

*Other Observation, Extent : Moderate, Area Affected : 20%**Location : Control House**Explanation : Windows And Doors Need Repair*

## Machinery Room

100%

Now

\$41,200

2035

\* \*

B

*Other Observation, Extent : Severe, Area Affected : 30%**Location : South And North Machinery Rooms**Explanation : Leaking Water Onto Machinery*

*Note : 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**  
**MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN**  
**Asset # : 4318**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Lock Bars With Motor	100%	Now	\$262,900	2029		* *		B
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : All Span Lock Machinery Components								
Explanation : Drive Machinery Corroding And Limited Lubrication. Lockbars Clearances Need To Be Reduced.								
Main Drive System Generic	100%	2-4	\$1,750,800	2035		* *		B
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Main Drive Machinery								
Explanation : Machinery Components Has Moderate To Heavy Corrosion. Machinery Shows Signs Of Advanced Wear.								
Rack Generic	100%			2023	\$989,500			B
Live Load Supports Generic	100%	Now	\$1,100	2016	\$10,600			B
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Live Load Bearings								
Explanation : Live Load Bearings Could Not Be Accessed. However Bearings Need To Be Adjusted In Conjunction With Lockbar Adjustments.								
Traffic Devices Warning Gate	100%	0-2	\$230,900	2035		* *		B
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : North Bound - East Gate								
Explanation : One Gate Is Older Than The Other Three Gates. The Gate Is Scheduled To Be Replaced In Near Future.								
Trunnion Generic	100%	Now	\$140,500	2023	\$2,809,100			B
Other Observation, Extent : Light, Area Affected : 20%								
Location : All Trunnion Assemblies								
Explanation : Light Corrosion On Trunnion Assembly Components.								

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 06-Apr-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240240

CAPITAL		FY 2014 - 2017	FY 2018 - 2023
Bridge Electrical		\$48,500	
Bridge Mechanical		\$119,700	
<b>Total</b>		<b>\$168,200</b>	
Priority	B	\$168,200	
<b>Total</b>		<b>\$168,200</b>	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$6,500	\$5,500		
Bridge Electrical	\$62,700			
Bridge Mechanical	\$30,000			
<b>Total</b>	<b>\$99,200</b>	<b>\$5,500</b>		
Priority	A	\$6,500		
Priority	B	\$92,700		
Priority	C		\$5,500	
<b>Total</b>	<b>\$99,200</b>	<b>\$5,500</b>		



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL**  
**Asset # : 13512**

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	**			B
Stream Channel								
Bank Protection								
Sheet Piling	100%			LIFE	**			C
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	100%			LIFE	**			B
Split/Dry/Cracked, Extent : Light, Area Affected : 1% Location : Timber Protection At Begin Vertical Lift Pier.								
Approaches								
Pavement								
Concrete	100%			2035	**	4	\$16,600	C
Cracks, Extent : Moderate, Area Affected : 2% Location : Begin And End Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Sidewalks/Fascias								
Concrete	100%			LIFE	**			C
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Sidewalks/Fascias								
Concrete	100%			2030	**	5		C
Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1 & 3. Explanation : Sidewalk Is In Good Condition								
Wearing Surface								
Asphalt	100%			2025	**	5		C
Superstructure								
Primary Member								
Concrete	100%			LIFE	**	5		A
Other Observation, Extent : Light, Area Affected : 1% Location : Spans 1 & 3. Explanation : Concrete Deck								
Movable Bridges								
Vertical Lift Span								
Steel	100%			LIFE	**			A
Vertical Lift Tower								
Steel	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.

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL**  
**Asset # : 13512**

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

## Movable Bridges

## Vertical Lift Pier

Concrete

2% 0-2 \$6,500 LIFE \* \*

A

*Other Observation, Extent : Light, Area Affected : 1%**Location : Begin Vertical Lift Pier, Right Bearing.**Explanation : Right Side Rocker Bearing Tilted Approx. 45 Degrees.*

Concrete

98% LIFE \* \*

A

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

## Communication Electrical

## Communications

Generic

100% Now \$19,300 2019 \$32,200

B

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Entire Bridge**Explanation : Cctv, Fire Alarm, Security System, Public Address Not Functioning*

## Control System Electrical

## Computer

PLC

100% Now \$9,200 2019 \$23,100

B

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Electric Room**Explanation : Bridge Operates Under Half Speed Otherwise It Goes Out Of Skew.*

## Control Console

Stainless Steel

100% Now \$8,500 LIFE \* \*

B

*Other Observation, Extent : Light, Area Affected : 10%**Location : Plc User Console**Explanation : Alarm Printer Not Functioning*

## Disconnect Switch

Generic

100% 2040 \* \*

B

## Limit Switch

Generic

100% 0-2 \$6,500 2040 \* \*

B

*Other Observation, Extent : Light, Area Affected : 90%**Location : North Tower**Explanation : Rotary Limit Switch Missing Cover*

## Electrical Power

## Transfer Switch

Auto

100% 2040 \* \*

B

## Heating

Generic

100% 2040 \* \*

B

## Dist Equip &amp; Motor Controll

Generic

1% Now \$10,300 2040 \* \*

B

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Bridge Control System/ Motor Controllers**Explanation : Bridge Operators Are Told To Run Bridge In Reduced Speed To Avoid Skew And Not To Fully Open To Avoid Skew*

Generic

99% 2040 \* \*

B

## Navigation Lighting

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL**  
**Asset # : 13512**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Navigation Lighting								
Pier Lighting								
Incandescent	100%			2019				B
Span Lighting								
Incandescent	100%			2019				B
Raceway								
Conduit								
Metal	100%			2060	* *			B
Submarine Control Cables								
Not Accessible	100%							D
Submarine Power Cable								
Not Accessible	100%							D
Wiring								
Generic	100%	Now	\$48,500	2025	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Control Cabinets</i>								
<i>Explanation : Not All Conductors And Conduits Are Grounded</i>								
Stand-by Power								
Generator								
Natural Gas	100%			2040	* *			B
Lighting								
Lighting Devices								
Generic	100%	Now	\$8,900	2025	* *			B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Light Fixtures Throughout Bridge Need Relamping</i>								
<i>Explanation : Light Bulbs Out</i>								

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Vertical Lift								
CTRWT Ropes & Guides								
Generic	100%			2055	* *			B
Counter Weight								
Main CTRWT	100%			2055	* *			B
Emergency Drive								
Emergency Power	100%	Now	\$1,600	2048	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Machine Room And At Roadway Level</i>								
<i>Explanation : System Could Not Be Tested. However Air Filter Bowl Missing</i>								
End Locks								
With Motor	100%	Now	\$54,300	2055	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Se &amp; Nw Lock</i>								
<i>Explanation : The Se Lock Is Kept In The Withdrawn Position And Is Not Operated. The Nw Is Not In The Fully Driven Toggle Position.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL**  
**Asset # : 13512**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Lift								
Houses								
Access Ways	100%	Now	\$11,800	2033		* *		B
Other Observation, Extent : Light, Area Affected : 1%								
Location : Control Room								
Explanation : Some Door Locks Require Repair. One Required For Replacement On Interior Control Room Door.								
Control House	100%	Now	\$12,700	2055		* *		B
Other Observation, Extent : Light, Area Affected : 2%								
Location : Control House								
Explanation : Repair Of Leaking Windows And Wall Panels Require Repair								
HVAC	100%	Now	\$3,900	2055		* *		B
Other Observation, Extent : Light, Area Affected : 50%								
Location : Control House								
Explanation : It Was Reported That The Heat On The Heater/ac Unit Is Not In Service.								
Machinery Room	100%			2055		* *		B
Main Drive System								
Generic	100%	Now	\$65,500	2055		* *		B
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : East Tower North Motor								
Explanation : Motor Bearing Making Noise								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : West And East Machine Rooms								
Explanation : The West Brakes Require Adjustment. Minor Leakage From West And East Reducers Observed.								
Sheaves								
Generic	100%			2055		* *		B
Traffic Devices								
Barrier Gate	100%			2029		* *		B
Warning Gate	100%			2029		* *		B

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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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$17,185,500	\$8,531,900
<b>Total</b>	<b>\$17,185,500</b>	<b>\$8,531,900</b>
Priority A	\$12,774,700	\$1,124,700
Priority B	\$3,362,300	\$944,100
Priority C	\$1,048,500	\$6,463,000
<b>Total</b>	<b>\$17,185,500</b>	<b>\$8,531,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$116,400	\$38,000	\$197,400	
<b>Total</b>	<b>\$116,400</b>	<b>\$38,000</b>	<b>\$197,400</b>	
Priority A	\$53,300		\$102,700	
Priority B			\$94,700	
Priority C	\$63,200	\$38,000		
<b>Total</b>	<b>\$116,400</b>	<b>\$38,000</b>	<b>\$197,400</b>	



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

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

\*\* 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		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	
Other Observation, Extent : Light, Area Affected : 100%									
Location :									
Explanation : Field Inspection Supplemented With Information From Biennial Inspection Report									
Backwall									
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									
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	70%			LIFE		* *		C	
Earth	30%	0-2	\$21,600	LIFE		* *		C	
Erosion, Extent : Moderate, Area Affected : 30%									
Location :									
Piles									
Not Accessible	100%							D	
Walls									
Concrete	80%			LIFE		* *		C	
Concrete	20%	4+	\$245,100	LIFE		* *		C	
Cracks, Extent : Moderate, Area Affected : 20%									
Location :									
Spalling, Extent : Light, Area Affected : 10%									
Location :									
Stream Channel									
Bank Protection									
Riprap	50%			LIFE		* *		C	
Riprap	50%	0-2	\$66,000	LIFE		* *		C	
Broken/Missing Element, Extent : Moderate, Area Affected : 40%									
Location :									
Erosion, Extent : Moderate, Area Affected : 40%									
Location : At Begin And End Abutment									
Mat (scour & erosion)									
Earth	100%			LIFE		* *		A	

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**PAERDEGAT BASIN BRIDGE BELT SHORE PKWY/PAERDEGAT BASIN**  
**Asset # : 2454**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stream Channel								
Pier Protection								
Timber	50%			LIFE	* *			B
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Pier Protection In Navigable Channel							
	Explanation : Pier Protection In Navigable Channel Recently Reconstructed							
Timber	50%	2-4	\$1,371,100	LIFE	* *			B
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : Timber Pile Jackets							
	Explanation : Timber Pile Jackets Observed To Be At Various Stages Of Deterioration.							
Approaches								
Pavement								
Asphalt	90%			2019	\$2,333,800	4	\$54,600	C
Asphalt	10%	2-4	\$51,900	2019	\$259,300	4	\$36,400	C
	Cracks, Extent : Light, Area Affected : 10%							
	Location :							
Curbs								
Concrete	20%	0-2	\$7,600	LIFE	* *			A
	Settlement, Extent : Moderate, Area Affected : 40%							
	Location : Random							
Concrete	80%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
	Vegetation Growth, Extent : Moderate, Area Affected : 100%							
	Location : Random							
Guide Railing								
Steel	80%			LIFE	* *	2-8	\$43,900	A
Steel	20%	2-4	\$21,000	LIFE	* *	2-8	\$43,900	A
	Corrosion, Extent : Light, Area Affected : 30%							
	Location : Random							
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : 30 Feet							
	Explanation : Vehicular Hit At 30 Foot. Rails Are At Bent And About 7 Posts Are Bent And Dislocated							
Timber	100%			2019		4		A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location :							
	Explanation : Only On South Side Of Both Approach.							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pavement Base								
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**  
**PAERDEGAT BASIN BRIDGE BELT SHORE PKWY/PAERDEGAT BASIN**  
**Asset # : 2454**

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								
Sidewalks/Fascias								
Asphalt	80%			2019	\$1,084,600	4	\$59,300	C
Asphalt	20%	0-2	\$54,200	2019	\$271,100	4	\$39,600	C
Cracks, Extent : Moderate, Area Affected : 10%								
Location :								
Spalling, Extent : Moderate, Area Affected : 10%								
Location :								
Piers								
Cap Beam								
Concrete	90%			LIFE	**			A
Concrete	10%	4+	\$123,200	LIFE	**			A
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : At Third Pier								
Rust Stains, Extent : Moderate, Area Affected : 30%								
Location : At Third Pier								
Spalling, Extent : Moderate, Area Affected : 20%								
Location :								
Pier,Columns								
Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$506,200	LIFE	**			B
Rust Stains, Extent : Light, Area Affected : 10%								
Location :								
Spalling, Extent : Light, Area Affected : 10%								
Location :								
Brngs,Ancr Blts,Pads								
Steel	100%	4+	\$3,630,100	LIFE	**	2-8	\$54,300	A
Corrosion, Extent : Light, Area Affected : 10%								
Location :								
Loose Elements, Extent : Light, Area Affected : 5%								
Location :								
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Observation Per Biennial Inspection.								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	100%	4+	\$1,285,700	LIFE	**			B
Cracks, Extent : Light, Area Affected : 10%								
Location :								
Rust Stains, Extent : Light, Area Affected : 30%								
Location :								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Bridge								
Explanation : Observations Were Made To Supplement Biennial Inspection.								

*Note : 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**

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	90%			2038	**			A
Concrete	10%	0-2	\$749,300	2038	**			A
Spalling, Extent : Severe, Area Affected : 100%								
Location : Random								
Gratings								
Grating w/ Concrete	100%			2038	**			A
Other Observation, Extent : Light, Area Affected : 10%								
Location : Span 7 And 8 North Side								
Explanation : Concrete Filled Grating Utilized For Emergency Deck Repair.								
Guide Railing								
Steel	100%			LIFE	**			A
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Guide Railing On Median.								
Median								
Concrete	80%			LIFE	**	5	\$8,600	A
Concrete	20%	2-4	\$24,700	LIFE	**	5	\$8,600	A
Spalling, Extent : Light, Area Affected : 10%								
Location :								
Railings/Parapets								
Steel	80%			LIFE	**	2-8	\$47,400	A
Steel	20%	4+	\$132,300	LIFE	**	2-8	\$47,400	A
Corrosion, Extent : Light, Area Affected : 20%								
Location :								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Random								
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Random								
Sidewalks/Fascias								
Concrete	80%			2023	\$1,401,600	5	\$25,400	C
Concrete	20%	0-2	\$70,100	2023	\$350,400	5	\$12,700	C
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Random								
Wearing Surface								
Asphalt	90%			2019	\$636,500	5	\$54,900	C
Asphalt	10%	2-4	\$14,100	2019	\$70,700	5	\$27,500	C
Broken,Missing Pave, Extent : Moderate, Area Affected : 20%								
Location : Random								
Cracks, Extent : Light, Area Affected : 15%								
Location : Particularly At Joints								
Superstructure								

*Note : 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**

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								
Deck,Structural								
Concrete	60%			LIFE	* *	5	\$52,500	A
Concrete	40%	2-4	\$2,367,800	LIFE	* *	5	\$52,500	A
Cracks, Extent : Light, Area Affected : 20%								
Location :								
Efflorescence, Extent : Moderate, Area Affected : 50%								
Location :								
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location :								
Spalling, Extent : Moderate, Area Affected : 10%								
Location :								
Joints								
Generic	100%	Now	\$561,200	LIFE	* *			C
Joints Missing, Extent : Severe, Area Affected : 100%								
Location : Paved Over								
Leakage, Extent : Severe, Area Affected : 100%								
Location : TYP								
Primary Member								
Steel	90%			LIFE	* *	2-8	\$881,700	A
Steel	10%	4+	\$5,772,000	LIFE	* *	2-8	\$881,700	A
Corrosion, Extent : Light, Area Affected : 20%								
Location : TYP								
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Observation As Per Biennial Inspection.								
Secondary Member								
Steel	90%			LIFE	* *	2-8	\$738,600	B
Steel	10%	4+	\$199,200	LIFE	* *	2-8	\$738,600	B
Corrosion, Extent : Light, Area Affected : 20%								
Location : TYP								
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Observations As Per Biennial Inspection.								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER  
**Address** : EASTCHESTER BAY,BX, PELHAM PKY  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0045.000 / 2469 **Yr Built/Renovated** : 1906 / 1981  
**Area Sq Ft** : 42,640 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 05-May-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240200

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$8,165,100	\$359,500
Bridge Electrical	\$347,200	\$1,555,400
Bridge Mechanical	\$711,500	
<b>Total</b>	<b>\$9,223,800</b>	<b>\$1,914,900</b>
Priority A	\$7,935,100	\$212,600
Priority B	\$1,288,700	\$1,555,400
Priority C		\$146,800
<b>Total</b>	<b>\$9,223,800</b>	<b>\$1,914,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$61,500		\$15,100	
Bridge Electrical	\$68,000	\$200	\$200	\$200
Bridge Mechanical	\$54,500			
<b>Total</b>	<b>\$184,000</b>	<b>\$200</b>	<b>\$15,300</b>	<b>\$200</b>
Priority A	\$10,400		\$7,100	
Priority B	\$133,100	\$200	\$200	\$200
Priority C	\$40,500		\$8,100	
<b>Total</b>	<b>\$184,000</b>	<b>\$200</b>	<b>\$15,300</b>	<b>\$200</b>



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 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**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**  
**Asset # : 2469**

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
Mat (scour & erosion)								
Earth	100%			LIFE	* *			B
			Other Observation, Extent : Light, Area Affected : 1%					
			Location : End Abutment					
			Explanation : Earth Infront Of Abutment At Low Tide.					
Riprap	100%			LIFE	* *			B
			Other Observation, Extent : Light, Area Affected : 1%					
			Location : Both Abutments					
			Explanation : Rip Rap At Begin Abutment And At Corners Of The End Abutment.					
Stem (breastwall)								
Masonry: Granite	100%			LIFE	* *			B
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			C
			Settlement, Extent : Light, Area Affected : 1%					
			Location : Begin Right Wingwall					
Piles								
Not Accessible	100%							D
Walls								
Granite	100%	0-2	\$9,200	LIFE	* *			C
			Soft Jts Deter/Missing, Extent : Moderate, Area Affected : 50%					
			Location : Under Left And Right Parapets At The Ends.					
Stream Channel								
Bank Protection								
Riprap	100%			LIFE	* *			C
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	98%			LIFE	* *			B
Timber	2%	0-2	\$10,600	LIFE	* *			B
			Broken/Missing Element, Extent : Moderate, Area Affected : 20%					
			Location : Pier 3 Impact Damage					
Approaches								
Pavement								
Asphalt	100%			2022	\$146,800	4	\$6,600	C
			Cracks, Extent : Light, Area Affected : 5%					
			Location : Both Approaches					
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
Stone Rough Work	100%			LIFE	* *			C

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**  
**Asset # : 2469**

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									
Guide Railing									
Steel	100%			LIFE	**	2-8	\$4,800	A	
Mat (scour & erosion)									
Earth	100%			LIFE	**			A	
Riprap	100%			LIFE	**			A	
Sidewalks/Fascias									
Concrete	100%			LIFE	**			C	
Piers									
Stem,Solid Pier									
Concrete	100%	4+	\$179,800	LIFE	**			B	
	Cracks, Extent : Moderate, Area Affected : 10%								
	Location : Piers 1,2,5 & 6								
	Delaminations, Extent : Moderate, Area Affected : 15%								
	Location : Piers 1,2,5 & 6.								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Piers 1,2,5 & 6								
Granite	100%	4+	\$50,200	LIFE	**			B	
	Joints Missing, Extent : 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	100%			2041	**			A	
	Other Observation, Extent : Light, Area Affected : 50%								
	Location : Spans 1-3 And 5-7								
	Explanation : Concrete Barrier On The Bridge, Left Side Only								
Railings/Parapets									
Concrete	100%			2030	**	4	\$31,100	A	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Spans 1-3 And 5-7.								
	Explanation : Right Side Of Bridge.								
Sidewalks/Fascias									
Concrete	75%			2031	**	5	\$16,100	C	
Concrete	25%	2-4	\$26,100	2029	**	5	\$8,100	C	
	Cracks, Extent : Moderate, Area Affected : 10%								
	Location : Spans 1-3 And 5-7 Sidewalks.								
	Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
	Location : Spans 1-3 And 5-7 Fascias								
	Spalling, Extent : Moderate, Area Affected : 10%								
	Location : Spans 1-3 And 5-7 Fascias.								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**  
**Asset # : 2469**

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								
Wearing Surface Asphalt	100%	Now	\$3,100	2026	* *	5	\$12,600	C
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Pier 5, Right Side								
Explanation : Pavement Settlement Around Drainage Scupper								
Superstructure								
Primary Member Concrete	100%	2-4	\$2,297,800	LIFE	* *	5	\$143,600	A
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Spans 1,2, 3, 5, 6, 7								
Delaminations, Extent : Severe, Area Affected : 50%								
Location : Spans 1, 2, 3, 5, 6, 7								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Span 6								
Steel	100%	4+	\$1,980,100	LIFE	* *	2-8	\$129,000	A
Corrosion, Extent : Moderate, Area Affected : 25%								
Location : Exposed Steel Truss In Random Spans.								
Movable Bridges								
Bascule Span Steel	100%	2-4	\$2,038,300	LIFE	* *			A
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Span 4								
Explanation : Corrosion Holes, Section Losses At Several Members Of The Primary And Secondary Members								
Bascule Span Pier Concrete	100%	2-4	\$1,619,000	LIFE	* *			A
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Piers 3 & 4								
Explanation : Pier Wall Supporting Truss Members Is Cracking And Spalling With Exposed Rebars.								
Bridge 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
Communication Electrical								
Communications Generic	100%	Now	\$32,200	2021	\$32,200			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : System Wide								
Explanation : The Circuits In The Submarine Cable Utilized By This Equipment Have Been Utilized For Another System.								
Control System Electrical								
Control Console Stainless Steel	100%	Now	\$1,700	LIFE	* *			B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Control Desk								
Explanation : Several Pilot Lights Missing/broken Or Circuit Malfunction								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**  
**Asset # : 2469**

Bridge 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
Control System Electrical								
Disconnect Switch								
Generic	100%			2026	* *			B
Limit Switch								
Generic	100%			2034	* *			B
Electrical Power								
Transformer								
Dry	100%			2034	* *			B
Dist Equip & Motor Controll								
Generic	100%	Now	\$10,700	2019	\$535,100			B
Other Observation, Extent : Light, Area Affected : 10%								
Location : MCC Buckets								
Explanation : Circuit Breaker Linkages Broken On Two Buckets. Southwest Motor Brake And Southeast Warning Gate								
Raceway								
Submarine Control Cables								
Not Accessible	100%							D
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Remaining Spares. System Being Cannibalized.								
Wiring								
Generic	100%	Now	\$189,000	2019	\$945,100			B
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Counterweight Pits								
Explanation : Conduit And Conduit Supports Are Corroded. Junction Boxes And Pull Boxes Are Missing Covers.								
Stand-by Power								
Generator								
Diesel	100%			2041	* *			B
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$15,800	2016	\$158,100	1	\$1,400	B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Near And Far Side								
Explanation : All Gongs Need Replacement/non-functioning.								
Lighting								
Lighting Devices								
Generic	100%	Now	\$7,500	2019	\$75,200			B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Toe Of Both Spans, Various								
Explanation : Nw Navigation Light/ne Pier Lights Out. Service Lighting Needs Relamping @ Var Locations. Some Fixtures Not Operational.								
Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**  
**Asset # : 2469**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Counter Weight Generic	100%	2-4	\$193,300	2036		* *		B
Other Observation, Extent : Severe, Area Affected : 20%								
Location : North And South Counterweights								
Explanation : Corroded Steel								
Emergency Drive Emergency Power	100%	Now	\$8,700	2036		* *		B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Emergency Generator								
Explanation : The Bridge Has Not Been Operated On Emergency Power In Some Time. Need To Run & Test Generator.								
Fuel Tanks Generic	100%	4+	\$5,300	2041		* *		B
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Sw Corner								
Explanation : Generator Fuel Tank Shows Moderate Surface Rusting.								
Houses								
Access Ways	100%	Now	\$8,200	2024		* *		B
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Machinery Rooms								
Explanation : Some Broken Door Hardware								
HVAC	100%			2024		* *		B
Machinery Room	100%	Now	\$6,900	2036		* *		B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Machinery Rooms								
Explanation : Corroded Grating								
Lock Bars								
With Motor	100%			2024		* *		B
Without Motor	100%			2024		* *		B
Main Drive System								
Generic	100%	Now	\$337,300	2036		* *		B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : South & North Machine Rooms								
Explanation : Missing Over Speed Switch And Chain In South Room, Corrosion, And Bridge Only Runs On Aux Motors								
Rack								
Generic	100%			2036		* *		B
Live Load Supports								
Generic	100%	Now	\$25,500	2024		* *		B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Forward Live Load Bearings								
Explanation : Corrosion On Some Of The Anchor Bolts.								
Track								
Generic	100%			2036		* *		B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**

**Asset # : 2469**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Traffic Devices								
Barrier Gate	100%	Now	\$111,700	2024		* *		B
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Barrier Gates								
Explanation : North Gates Do Not Latch, Arm Is Temporarily Repaired, Some Latches Do Not Function Or Are Broken								
Warning Gate	100%	Now	\$69,300	2024		* *		B
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Warning Gates								
Explanation : Some Gate Heights Need Adjustment, Missing Anchor Bolt On The Sw								

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK  
**Address** : NEW TOWN CREEK  
**Borough** : BROOKLYN:QNS. **Agency's Number** : N/A  
**Program / Asset #** : DOT0050.000 / 2476 **Yr Built/Renovated** : 1954 / 1995  
**Area Sq Ft** : 214,183 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 09-Apr-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240639

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$3,895,400	\$1,956,000
Bridge Electrical	\$75,700	\$261,500
Bridge Mechanical	\$565,700	\$8,358,700
<b>Total</b>	<b>\$4,536,800</b>	<b>\$10,576,200</b>
Priority A	\$216,800	\$957,600
Priority B	\$3,986,500	\$9,618,500
Priority C	\$333,500	
<b>Total</b>	<b>\$4,536,800</b>	<b>\$10,576,200</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$34,100	\$18,700	\$192,000	
Bridge Electrical	\$23,000	\$20,000	\$20,000	\$20,000
Bridge Mechanical	\$28,900			
<b>Total</b>	<b>\$86,100</b>	<b>\$38,700</b>	<b>\$212,000</b>	<b>\$20,000</b>
Priority A		\$1,900	\$91,800	
Priority B	\$54,700	\$20,000	\$120,200	\$20,000
Priority C	\$31,400	\$16,800		
<b>Total</b>	<b>\$86,100</b>	<b>\$38,700</b>	<b>\$212,000</b>	<b>\$20,000</b>



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 Estimates are rounded to the nearest hundred dollars.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**  
**Asset # : 2476**

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 Not Accessible	100%							D	
<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Begin &amp; End Abutments.</i> <i>Explanation : Enclosed Cell And Access Door Is Locked.</i>									
Backwall Not Accessible	100%							D	
<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Begin &amp; End Abutments.</i> <i>Explanation : Enclosed Cell And Access Door Is Locked.</i>									
Brngs,Ancr Blts,Pads Not Accessible	100%							D	
<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Begin &amp; End Abutments.</i> <i>Explanation : Enclosed Cell And Access Door Is Locked.</i>									
Footings Not Accessible	100%							D	
Joint with Deck Composite	100%			LIFE		* *		B	
Mat (scour & erosion) Not Accessible	100%							D	
Pedestals Not Accessible	100%							D	
<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Begin &amp; End Abutments.</i> <i>Explanation : Enclosed Cell And Access Door Is Locked.</i>									
Stem (breastwall) Not Accessible	100%							D	
<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Begin &amp; End Abutments.</i> <i>Explanation : Enclosed Cell And Access Door Is Locked.</i>									
Wingwalls									
Footings Not Accessible	100%							D	
Piles Not Accessible	100%							D	
Walls Concrete	95%			LIFE		* *		C	
Concrete	5%	4+	\$172,600	LIFE		* *		C	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : End Abutment</i>									

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**  
**Asset # : 2476**

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
Stream Channel								
Bank Protection								
Concrete	100%			LIFE	**			C
Other Observation, Extent : Light, Area Affected : 10%								
Location : Under Span 27.								
Explanation : Concrete protection is located at the bridge site.								
Timber	100%			2030	**			C
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	100%	2-4	\$3,084,200	LIFE	**			B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Bascule Piers 25 & 26								
Explanation : Left (west) Side 1 Of 2 Dolphin Clusters At 2 Locations Have Been Hit And Are Leaning.								
Approaches								
Pavement								
Asphalt	100%	Now	\$31,400	2025	**	4	\$9,400	C
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : End Approach								
Explanation : Pavement Shoving And Rutting								
Concrete	100%			2035	**	4		C
Guide Railing								
Concrete	100%			2035	**	4	\$5,600	A
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
Steel	100%			LIFE	**	2-8		A
Pier,Columns								
Concrete	50%			LIFE	**			B
Concrete	50%	2-4	\$260,900	LIFE	**			B
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Piers 19 - 24 & 27 - 30.								
Delaminations, Extent : Moderate, Area Affected : 25%								
Location : Piers 19 - 24 & 27 - 30.								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Piers 19 - 24 & 27 - 30.								
Steel	100%			LIFE	**	2-8	\$377,700	B
Stem,Solid Pier								
Concrete	98%			LIFE	**			B
Concrete	2%	4+	\$2,700	LIFE	**			B
Spalling, Extent : Light, Area Affected : 2%								
Location : Pier40 Left Corner								

Note : 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**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**  
**Asset # : 2476**

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
Piers								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	\$40,400	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	* *			B
Deck Elements								
Guide Railing								
Concrete	100%			2040	* *			A
Median								
Concrete	100%			LIFE	* *	5	\$61,900	A
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$87,100	A
Sidewalks/Fascias								
Concrete	100%			2030	* *	5	\$33,600	C
Wearing Surface								
Concrete	100%			2035	* *	5		C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$4,900	A
Grating w/ Concrete	100%			LIFE	* *			A
Joints								
Composite	100%	4+	\$160,900	LIFE	* *	4	\$688,200	C
Broken/Missing Element, Extent : Severe, Area Affected : 50%								
Location : Pier 30								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Piers 2,5,8,9,12,15,18,19,20,21,22,23,23,29,33 & 36.								
Explanation : Water Leakage Noted Below Joints								
Primary Member								
Prestressed Concrete	100%			LIFE	* *			A
Box Beam								
Steel	100%			LIFE	* *	2-8	\$1,619,800	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$1,356,900	B
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	* *			A
Steel	10%	0-2	\$148,800	LIFE	* *			A
Other Observation, Extent : Severe, Area Affected : 75%								
Location : Bascule Span 26								
Explanation : Asphalt Wearing Surface Spalling.								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**  
**Asset # : 2476**

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

## Movable Bridges

## Bascule Span Pier

Concrete	90%			LIFE	**			A
Concrete	10%	0-2	\$68,100	LIFE	**			A

*Other Observation, Extent : Moderate, Area Affected : 5%*

*Location : Bascule Piers 25 & 26*

*Explanation : Median Stringers Pedestal Exhibit Spalls W/ Exposed Anchor Bolts.*

Bridge 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

## Communication Electrical

## Intercom

Generic	100%			2018	\$13,400			B
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## Telephone

Desk Top	100%			2018				B
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## Jack

Telephone	100%			2018				B
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## Control System Electrical

## Control Console

Stainless Steel	100%	Now	\$37,100	LIFE	**			B
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*Broken/Missing Elem, Extent : Moderate, Area Affected : 15%*

*Location : Control Desk Span Position Meters Not Functioning*

## Control Devices

Relay	80%			2025	**			B
Relay	20%			2033	**			B

## Disconnect Switch

Non Fused	100%			2033	**	1	\$40,400	B
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## Limit Switch

CAM	67%			2014		1	\$11,000	B
CAM	33%			2018		1	\$11,000	B
Lever	75%			2018		1	\$44,100	B
Lever	25%			2015		1	\$44,100	B

## Drive

## Machinery Brake

Thruster	100%			2030	**	1	\$1,800	B
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## Motor Brake

Thruster	100%			2030	**	1	\$1,800	B
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## Span Lock Motor

Generic	100%			2030	**	1	\$1,800	B
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## Electrical Power

## MCC

Starter	100%			2018				B
Contactors	75%			2018				B
Contactors	25%			2033	**			B
Motor Circuit Protector	100%			2018	\$17,000	1	\$3,700	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**  
**Asset # : 2476**

Bridge 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
Electrical Power									
	PanelBoard								
	Circuit Breaker	100%			2025	* *	1	\$11,000	B
	Service Equipment								
	Fused Disc Switch	100%			2025	* *			B
	Transfer Switch								
	Auto	100%			2025	* *			B
Exterior Lighting									
	Lighting Contactor								
	Generic	100%			2033	* *	1	\$4,600	B
	Lighting Fixture								
	HID	100%			2018				B
	Pole								
	Aluminum	100%			2021				B
Ground/Lightning Protection									
	Ground Bus								
	Not Accessible	100%							D
	Ground Rod								
	Not Accessible	100%							D
	Ground Wire								
	Green	100%			2021				B
	Not Accessible	100%							D
Interior Lighting									
	Lighting Fixture								
	Fluorescent	100%			2021	\$3,000	1	\$7,400	B
	HID	100%	4+	\$1,500	2021	\$3,000			B
		Other Observation, Extent : Moderate, Area Affected : 30%							
		Location : Random Locations Throughout Bridge							
		Explanation : Broken/Missing Element: Service Lighting Fixtures Not Working							
	Incandescent	100%	4+	\$1,500	2018	\$3,000			B
		Other Observation, Extent : Moderate, Area Affected : 50%							
		Location : Random Locations							
		Explanation : Service Lighting Fixtures Not Working							
	Wiring Device								
	Generic	100%			2020				B
Raceway									
	Box								
	Pull Junction	100%			2020		1	\$11,000	B
	Terminal	100%			2020		1	\$3,700	B
	Conduit								
	Metal	50%			2048	* *			B
	Metal	50%			2035	* *			B
	Submarine Control Cables								
	Control	100%			2018				B
	Submarine Power Cable								
	Power	100%			2018				B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**  
**Asset # : 2476**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Raceway								
Wires								
Cloth	100%			2019	\$165,200			B
Thermoplastic	100%			2033	* *			B
Span Lock								
Motor								
Squirrel Cage	100%			2023				B
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2018		1	\$900	B
Traffic Gate Lighting								
Incandescent	100%			2018		1	\$900	B
Traffic Gong								
Generic	100%			2018		1	\$500	B
Traffic Sign								
Fixed	100%			2018				B
Traffic Signal								
Generic	100%			2018		1	\$500	B
Lighting								
Lighting Devices								
Generic	100%	Now	\$38,500	2021	\$96,300			B
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Fender Lights; Pier Lights; Bascule Span Lights								
Explanation : Not Functioning								

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Bascule								
Counter Weight								
Generic	100%	Now	\$100,800	2035	* *	2		B
Other Observation, Extent : Light, Area Affected : 5%								
Location : Counterweights								
Explanation : Components Corroding								
Emergency Drive								
Emergency Power	100%	Now	\$106,200	2035	* *	2		B
Other Observation, Extent : Severe, Area Affected : 100%								
Location : All								
Explanation : Components Are Corroding. Operation Of System Could Not Be Performed.								
System Should Be Tested Monthly.								
Fuel Tanks								
Generic	100%			2025	* *			B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**  
**Asset # : 2476**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Houses								
Access Ways	100%	Now	\$11,900	2023	\$237,100			B
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Accessways								
Explanation : Some Grating And Doors Need Repair.								
Control House	100%	Now	\$46,400	2035	* *			B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Control House								
Explanation : Some Doors And Window Need Repair. Heating System Needs Repair.								
Machinery Room	100%	Now	\$16,000	2035	* *			B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Machinery Rooms								
Explanation : Some Doors And Enclosure Panels Need Repair								
Lock Bars								
With Motor	100%	Now	\$43,100	2023	\$862,400	2		B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : All Lock Bars								
Explanation : Lockbar Clearances Need To Be Reduced. Components Are Corroding And Some Leakage From Reducers.								
Main Drive System								
Generic	100%	Now	\$83,100	2023	\$4,153,300	2		B
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Drive Components.								
Explanation : Components Are Corroding.								
Rack								
Generic	100%			2035	* *			B
Live Load Supports								
Generic	100%	Now	\$1,100	2023	\$10,600			B
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Rear Live Load Bearings								
Explanation : Bearings Could Not Be Accessed. However Adjustment Is Required In Conjunction With Lockbar Adjustment.								
Traffic Devices								
Barrier Gate	100%			2023	\$2,875,000			B
Warning Gate	100%			2023	\$230,900			B
Trunnion								
Generic	100%	Now	\$186,100	2035	* *			B
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Trunnion Bearing Housings								
Explanation : Debris And Corrosion On Trunnion Assemblies								

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 21-Sep-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240350

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$166,000	\$4,594,500
<b>Total</b>	<b>\$166,000</b>	<b>\$4,594,500</b>
Priority A		\$28,600
Priority C	\$166,000	\$4,565,900
<b>Total</b>	<b>\$166,000</b>	<b>\$4,594,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$43,300		\$9,200	
<b>Total</b>	<b>\$43,300</b>		<b>\$9,200</b>	
Priority A	\$18,800		\$3,700	
Priority C	\$24,600		\$5,400	
<b>Total</b>	<b>\$43,300</b>		<b>\$9,200</b>	



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\*\* 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		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 Steel	100%			LIFE	* *			A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	* *			B
	Leakage, Extent : Light, Area Affected : 20%							
	Location : Both Abutments							
Mat (scour & erosion) Riprap	100%			LIFE	* *			B
	Other Observation, Extent : Light, Area Affected : 20%							
	Location :							
	Explanation : Riprap With Stones							
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	* *			C
Walls Concrete	100%			LIFE	* *			C
	Efflorescence, Extent : Light, Area Affected : 10%							
	Location : North West Wing Wall							
Stream Channel								
Bank Protection Riprap	100%			LIFE	* *			C
Mat (scour & erosion) Generic	100%			LIFE	* *			A
Pier Protection Concrete	100%			LIFE	* *			B
Approaches								
Pavement Asphalt	100%	4+	\$89,800	2022	\$4,489,700	4	\$97,500	C
	Cracks, Extent : Moderate, Area Affected : 10%							
	Location : Both Approaches							
Concrete	100%	4+	\$24,600	2030	* *	4	\$26,200	C
	Cracks, Extent : Light, Area Affected : 5%							
	Location : Both End Approaches							
	Spalling, Extent : Light, Area Affected : 5%							
	Location : Both End Approaches							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK**  
**Asset # : 13517**

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								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Steel	100%	4+	\$18,500	LIFE	* *	2-8	\$119,600	A
Other Observation, Extent : Light, Area Affected : 5%								
Location : North End Approach								
Explanation : Damaged Guide Railing								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks/Fascias								
Concrete	100%			LIFE	* *			C
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			B
Leakage, Extent : Light, Area Affected : 10%								
Location : At Center Joint								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : At Fascia And Centerline								
Spalling, Extent : Light, Area Affected : 5%								
Location : South Face Of Pier 1								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	\$5,200	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Other Observation, Extent : Light, Area Affected : 5%								
Location :								
Explanation : 80% Earth, 20% Riprap With Stone								
Riprap	100%			LIFE	* *			A
Pedestals								
Concrete	100%			LIFE	* *			B
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Median								
Concrete	100%			LIFE	* *	5		A

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**DEPARTMENT OF TRANSPORTATION - 841**  
**RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK**  
**Asset # : 13517**

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								
Railings/Parapets								
Concrete	100%			2030	* *	4	\$1,000	A
	Other Observation, Extent : Light, Area Affected : 5%							
	Location :							
	Explanation : Concrete Parapet With Steel Railing							
Steel	100%			LIFE	* *	2-8	\$10,500	A
	Other Observation, Extent : Light, Area Affected : 5%							
	Location :							
	Explanation : Steel Railing On Top Of Parapet							
Sidewalks/Fascias								
Concrete	100%			2026	* *	5	\$10,900	C
Wearing Surface								
Concrete	100%			2030	* *	5	\$152,500	C
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : End Spans							
	Explanation : Previous Spalls Have Been Patched At South End							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5		A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Underside							
	Explanation : Underside Not Accesible							
Joints								
Generic	100%			LIFE	* *			C
	Other Observation, Extent : Light, Area Affected : 5%							
	Location :							
	Explanation : Leakage At Piers Observed							
Primary Member								
Steel	100%			LIFE	* *	2-8		A
Secondary Member								
Steel	100%			LIFE	* *	2-8		B
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Random							
	Explanation : Most Members Not Accessible							

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$1,978,500	\$782,600
<b>Total</b>	<b>\$1,978,500</b>	<b>\$782,600</b>
Priority A	\$903,100	\$94,600
Priority B	\$241,600	
Priority C	\$833,800	\$688,000
<b>Total</b>	<b>\$1,978,500</b>	<b>\$782,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$66,000		\$13,400	
<b>Total</b>	<b>\$66,000</b>		<b>\$13,400</b>	
Priority A	\$53,100		\$11,600	
Priority C	\$12,900		\$1,900	
<b>Total</b>	<b>\$66,000</b>		<b>\$13,400</b>	



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

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

**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 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Abutments									
Bridge Seat&pedestals Concrete	100%			LIFE		* *		A	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : End Abutment								
	Explanation : End Abutment								
Not Accessible	100%							D	
	Other Observation, Extent : Light, Area Affected : 0%								
	Location :								
	Explanation : Begin Abutment								
Backwall									
Concrete	100%			LIFE		* *		C	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : End Abutment								
	Explanation : End Abutment								
Not Accessible	100%							D	
	Other Observation, Extent : Light, Area Affected : 0%								
	Location : Begin Abutment								
	Explanation : Begin Abutment								
Brngs,Ancr Blts,Pads									
Elastomeric	50%			2043		* *		A	
Elastomeric	50%	4+	\$35,800	2043		* *		A	
	Rust Stains, Extent : Moderate, Area Affected : 25%								
	Location : Abutment At Island Side								
Not Accessible	100%							D	
	Other Observation, Extent : Light, Area Affected : 0%								
	Location : Begin Abutment								
	Explanation : Begin Abutment								
Footings									
Not Accessible	100%							D	
Joint with Deck									
Generic	100%			LIFE		* *		B	
Mat (scour & erosion)									
Earth	100%			LIFE		* *		B	
Pedestals									
Concrete	100%			LIFE		* *		A	
Stem (breastwall)									
Concrete	100%	4+	\$241,600	LIFE		* *		B	
	Cracks, Extent : Moderate, Area Affected : 20%								
	Location : Abutment At Island Side								
	Rust Stains, Extent : Moderate, Area Affected : 20%								
	Location : Abutment At Island Side								
Wingwalls									
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%			LIFE		* *		C	

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

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

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

**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 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Wingwalls								
Piles								
Not Accessible	100%							D
Walls								
Concrete	80%			LIFE		* *		C
Concrete	20%	4+	\$110,800	LIFE		* *		C
Cracks, Extent : Light, Area Affected : 25%								
Location : Random								
Stream Channel								
Bank Protection								
Riprap	100%			LIFE		* *		C
Mat (scour & erosion)								
Stream Bed	100%			LIFE		* *		A
Pier Protection								
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	80%			2024		* *	4	\$3,700 C
Asphalt	20%	2-4	\$12,300	2024		* *	4	\$3,700 C
Cracks, Extent : Light, Area Affected : 5%								
Location : Random								
Spalling, Extent : Light, Area Affected : 2%								
Location : Pothole At Interface Of Begin Abutment								
Curbs								
Concrete w/ Steel Face	95%			LIFE		* *		A
Concrete w/ Steel Face	5%	4+	\$400	LIFE		* *		A
Corrosion, Extent : Light, Area Affected : 5%								
Location : Throughout								
Embankment								
Earth	100%			LIFE		* *		C
Guide Railing								
Concrete	100%			2032		* *	4	\$2,100 A
Steel	75%			LIFE		* *	2-8	\$7,600 A
Steel	25%	4+	\$6,600	LIFE		* *	2-8	\$4,800 A
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random								
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	90%			LIFE		* *		C
Concrete	10%	4+	\$600	LIFE		* *		C
Spalling, Extent : Light, Area Affected : 10%								
Location : At Top Surface								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : South Entrance								
Other Observation, Extent : Light, Area Affected : 2%								
Location : East Sidewalk								
Explanation : Water Main Utility								

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

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

**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 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Piers									
Cap Beam Concrete	100%			LIFE	* *			A	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Spans Are Over Water. No Access. Condition Is Based On Nysdot Inspection								
Pier,Columns Concrete	100%			LIFE	* *			B	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Throughout								
	Explanation : Spans Are Over Water. No Access. Condition Is Based On Limited Visual Observation And Nysdot Inspection								
Stem,Solid Pier Concrete	67%			LIFE	* *			B	
	Other Observation, Extent : Light, Area Affected : 100%								
	Location : Pier 22 And 23								
	Explanation : Spans Are Over Water. No Access. Condition Is Based On Limited Visual Observation And Nysdot Inspection								
Concrete	33%			LIFE	* *			B	
	Cracks, Extent : Light, Area Affected : 10%								
	Location : Pier 55								
	Recent Repair Evident, Extent : Light, Area Affected : 20%								
	Location : Pier 55								
	Rust Stains, Extent : Light, Area Affected : 10%								
	Location : Pier 55								
	Other Observation, Extent : Light, Area Affected : 10%								
	Location : Pier 55								
	Explanation : Cracks Have Been Repaired By Injection								
Brngs,Ancr Blts,Pads Not Accessible	100%							D	
Footings Not Accessible	100%							D	
Pedestals Not Accessible	100%							D	
Deck Elements									
Guide Railing Steel	80%			LIFE	* *			A	
Steel	20%	4+	\$296,400	LIFE	* *			A	
	Rust Stains, Extent : Moderate, Area Affected : 15%								
	Location : Random								
Railings/Parapets Steel	70%			LIFE	* *	2-8	\$234,400	A	
Steel	30%	4+	\$523,600	LIFE	* *	2-8	\$143,900	A	
	Corrosion, Extent : Moderate, Area Affected : 25%								
	Location : Various Locations								

Note : 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**  
**RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL**  
**Asset # : 2478**

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								
Sidewalks/Fascias								
Concrete	90%			2028	* *	5	\$66,400	C
Concrete	10%	4+	\$106,400	2028	* *	5	\$33,200	C
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Wearing Surface								
Concrete	90%			2032	* *	5	\$688,000	C
Concrete	10%	4+	\$272,700	2032	* *	5	\$344,000	C
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Transverse And Map Cracking Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random And At Deck Joints								
Superstructure								
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 Spans 54 And 55 Were Observed From The Underside. Fatigue Prone Detail, Partial Length Cover Plates Noted.								
Secondary Member								
Not Accessible	100%							D
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Only spans 54 and 55 were observed from the underside.								

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : ROOSEVELT AVE. BRIDGE ROOSEVELT AVE/VAN WYCK EXPY  
**Address** : VAN WYCK EXPY, FLUSHING RIV.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0049.070 / 2573 **Yr Built/Renovated** :  
**Area Sq Ft** : 84,425 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 12-Oct-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240507

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$3,208,500	\$3,174,400
<b>Total</b>	<b>\$3,208,500</b>	<b>\$3,174,400</b>
Priority A	\$740,000	\$1,736,600
Priority B	\$360,100	\$805,100
Priority C	\$2,108,400	\$632,700
<b>Total</b>	<b>\$3,208,500</b>	<b>\$3,174,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$81,600		\$241,700	
<b>Total</b>	<b>\$81,600</b>		<b>\$241,700</b>	
Priority A	\$46,300		\$161,000	
Priority B	\$33,000		\$80,700	
Priority C	\$2,400			
<b>Total</b>	<b>\$81,600</b>		<b>\$241,700</b>	



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT AVE. BRIDGE ROOSEVELT AVE/VAN WYCK EXPY**  
**Asset # : 2573**

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								
Concrete	50%			LIFE		* *		A
Concrete	50%	0-2	\$36,100	LIFE		* *		A
Cracks, Extent : Severe, Area Affected : 20%								
Location : Begin Abutment Stringer Number 14								
Spalling, Extent : Severe, Area Affected : 20%								
Location : Begin Abutment								
Backwall								
Concrete	100%			LIFE		* *		C
Brngs,Ancr Blts,Pads								
Steel	95%			LIFE		* *		A
Steel	5%	2-4	\$3,800	LIFE		* *		A
Corrosion, Extent : Severe, Area Affected : 10%								
Location : Begin Abutment								
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	4+	\$5,500	LIFE		* *		B
Leakage, Extent : Light, Area Affected : 50%								
Location : Throughout								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Stem (breastwall)								
Concrete	100%	4+	\$74,000	LIFE		* *		B
Cracks, Extent : Light, Area Affected : 5%								
Location :								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%	4+	\$97,600	LIFE		* *		C
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Left Side Of End Abutment								
Stream Channel								
Bank Protection								
Riprap	100%			LIFE		* *		C
Mat (scour & erosion)								
Generic	100%			LIFE		* *		A
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**  
**ROOSEVELT AVE. BRIDGE ROOSEVELT AVE/VAN WYCK EXPY**  
**Asset # : 2573**

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	50%			2022	\$173,000	4	\$7,100	C
Asphalt	50%	2-4	\$69,200	2022	\$173,000	4	\$4,800	C
Cracks, Extent : Moderate, Area Affected : 40%								
Location : Random Throughout								
Settlement, Extent : Moderate, Area Affected : 40%								
Location :								
Concrete	100%			2030	* *	4		C
Curbs								
Concrete	100%			LIFE	* *			A
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Not Accessible	100%							D
Guide Railing								
Concrete	100%			2030	* *	4	\$2,500	A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks/Fascias								
Concrete	100%	4+	\$36,000	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 5%								
Location :								
Settlement, Extent : Moderate, Area Affected : 20%								
Location :								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	\$502,500	A
Pier,Columns								
Steel	100%			LIFE	* *	2-8	\$349,700	B
Stem,Solid Pier								
Concrete	100%	4+	\$286,100	LIFE	* *			B
Cracks, Extent : Light, Area Affected : 5%								
Location :								
Efflorescence, Extent : Light, Area Affected : 10%								
Location :								
Spalling, Extent : Light, Area Affected : 2%								
Location :								
Brngs,Ancr Blts,Pads								
Steel	95%			LIFE	* *	2-8	\$18,300	A
Steel	5%	4+	\$125,300	LIFE	* *	2-8	\$18,300	A
Corrosion, Extent : Severe, Area Affected : 100%								
Location : Pier Number 18								
Footings								
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**  
**ROOSEVELT AVE. BRIDGE ROOSEVELT AVE/VAN WYCK EXPY**  
**Asset # : 2573**

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
Piers								
Mat (scour & erosion)								
Earth	80%			LIFE	**			A
Earth	20%	2-4	\$28,500	LIFE	**			A
Erosion, Extent : Moderate, Area Affected : 30%								
Location :								
Pedestals								
Concrete	95%			LIFE	**			B
Concrete	5%	2-4	\$27,400	LIFE	**			B
Cracks, Extent : Moderate, Area Affected : 100%								
Location : Pier 18								
Spalling, Extent : Moderate, Area Affected : 100%								
Location : Pier 18								
Deck Elements								
Railings/Parapets								
Concrete	100%			2030	**	4	\$39,400	A
Steel	100%			LIFE	**	2-8	\$12,000	A
Sidewalks/Fascias								
Concrete	100%	4+	\$54,300	2026	**	5	\$19,200	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Throughout								
Wearing Surface								
Concrete	70%	4+	\$350,200	2030	**	5	\$143,300	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								
Concrete	30%	Now	\$1,501,000	2036	**	5	\$143,300	C
Cracks, Extent : Light, Area Affected : 5%								
Location :								
Exposed Reinforcement, Extent : Severe, Area Affected : 5%								
Location : Mid Span								
Spalling, Extent : Severe, Area Affected : 5%								
Location : Mid Span								
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	**	5	\$76,000	A
Concrete	5%	0-2	\$151,800	LIFE	**	5	\$76,000	A
Cracks, Extent : Light, Area Affected : 5%								
Location :								
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	5%	4+	\$426,800	LIFE	**	2-8	\$1,276,900	A
Corrosion, Extent : Light, Area Affected : 5%								
Location : Isolated Locations Below Deck Joints								
Steel	95%			LIFE	**	2-8	\$1,276,900	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,069,700	B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

<b>Asset Name</b>	: ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD		
<b>Address</b>	: E RIVER, EAST CHANNEL,36 AVE		
<b>Borough</b>	: MANHATTAN:QNS.	<b>Agency's Number</b>	: N/A
<b>Program / Asset #</b>	: DOT0051.000 / 2477	<b>Yr Built/Renovated</b>	: 1955 / 2006
<b>Area Sq Ft</b>	: 36,543	<b>Project Type</b>	: WATERWAY BRIDGES
<b>Date of Survey</b>	: 01-Jan-2007	<b>Landmark Status</b>	: NONE
<b>Areas Surveyed</b>	:		
<b>Block</b>	:	<b>Lot</b>	:
		<b>BIN</b>	: 2240640

**CAPITAL**


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**Total**


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Priority

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**Total**
**EXPENSE**


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**Total**


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Priority

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**Total**


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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Under Construction	100%							D
Backwall								
Under Construction	100%							D
Brngs,Ancr Blts,Pads								
Under Construction	100%							D
Footings								
Under Construction	100%							D
Joint with Deck								
Under Construction	100%							D
Mat (scour & erosion)								
Under Construction	100%							D
Pedestals								
Under Construction	100%							D
Stem (breastwall)								
Under Construction	100%							D
Walls								
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)								
Under Construction	100%							D
Pier Protection								
Under Construction	100%							D
Approaches								
Pavement								
Under Construction	100%							D
Curbs								
Under Construction	100%							D
Embankment								
Under Construction	100%							D
Guide Railing								
Under Construction	100%							D
Mat (scour & erosion)								
Under Construction	100%							D
Sidewalks/Fascias								
Under Construction	100%							D

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

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
Piers								
Cap Beam								
Under Construction	100%							D
Pier,Columns								
Under Construction	100%							D
Stem,Solid Pier								
Under Construction	100%							D
Brngs,Ancr Blts,Pads								
Under Construction	100%							D
Footings								
Under Construction	100%							D
Mat (scour & erosion)								
Under Construction	100%							D
Pedestals								
Under Construction	100%							D
Deck Elements								
Curbs								
Under Construction	100%							D
Gratings								
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/Fascias								
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
Movable Bridges								
Vertical Lift Span								
Under Construction	100%							D
Vertical Lift Tower								
Under Construction	100%							D
Vertical Lift Pier								
Under Construction	100%							D

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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

Bridge 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
Communication Electrical								
Communications								
Under Construction	100%							D
Control System Electrical								
Computer								
Under Construction	100%							D
Control Console								
Under Construction	100%							D
Disconnect Switch								
Under Construction	100%							D
Limit Switch								
Under Construction	100%							D
Local Starter								
Under Construction	100%							D
Ground/Lightning Protection								
Ground Bus								
Under Construction	100%							D
Ground Rod								
Under Construction	100%							D
Ground Wire								
Under Construction	100%							D
Lightning Terminals								
Under Construction	100%							D
Power Over 600V								
Service Equipment								
Under Construction	100%							D
Transformer								
Under Construction	100%							D
Raceway								
Wiring								
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

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

**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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Vertical Lift								
Buffers								
Under Construction	100%							D
CTRWT Ropes & Guides								
Under Construction	100%							D
Counter Weight								
Under Construction	100%							D
Elevators								
Under Construction	100%							D
Emergency Drive								
Under Construction	100%							D
End Locks								
Under Construction	100%							D
Fuel Tanks								
Under Construction	100%							D
Houses								
Under Construction	100%							D
Main Drive System								
Under Construction	100%							D
Sheaves								
Under Construction	100%							D
Live Load Supports								
Under Construction	100%							D
Traffic Devices								
Under Construction	100%							D

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : **14-Sep-2009** **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : **224006A**

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$406,900	\$549,500
<b>Total</b>	<b>\$406,900</b>	<b>\$549,500</b>
Priority A	\$37,200	\$89,900
Priority B		\$89,900
Priority C	\$369,700	\$369,700
<b>Total</b>	<b>\$406,900</b>	<b>\$549,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$8,300		\$18,000	
<b>Total</b>	<b>\$8,300</b>		<b>\$18,000</b>	
Priority A			\$9,000	
Priority B			\$9,000	
Priority C	\$8,300			
<b>Total</b>	<b>\$8,300</b>		<b>\$18,000</b>	



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

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

\*\* 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		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 Concrete	100%			LIFE	**			A
Backwall Concrete	100%			LIFE	**			C
Brngs,Ancr Blts,Pads Elastomeric	100%			2051	**			A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	**			B
Pedestals Concrete	100%			LIFE	**			A
Stem (breastwall) Concrete	100%			LIFE	**			B
Wingwalls								
Footings Not Accessible	100%							D
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	**			C
Approaches								
Pavement Asphalt	100%			2022		4		C
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : End Approach							
	Explanation : Relief Joint Between Approach Slab And Bridge Deck							
Concrete	100%	4+	\$8,300	2034	**	4	\$17,400	C
	Cracks, Extent : Light, Area Affected : 1%							
	Location : End Approach Slab							
Curbs Concrete w/ Steel Face	100%			LIFE	**			A
Sidewalks/Fascias Concrete	100%			LIFE	**			C
Piers								
Cap Beam Concrete	100%			LIFE	**			A
Pier,Columns Concrete	100%			LIFE	**			B
Stem,Solid Pier Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads Elastomeric	100%			2051	**			A
Footings Not Accessible	100%							D
Mat (scour & erosion) Generic	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.

Maintenance \$ are aggregated over a ten-year period. Site 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		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Pedestals								
Concrete	100%			LIFE	* *			B
Deck Elements								
Mono Deck Surface								
Concrete	100%			2051	* *	5	\$739,500	C
Railings/Parapets								
Concrete	100%			2036	* *	4		A
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$37,200	LIFE	* *	5	\$11,500	A
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : All Spans, Except At Deck Overhangs</i>								
<i>Explanation : Stay-in-place Forms Used With Concrete Deck</i>								
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Steel	100%			LIFE	* *	2-8	\$167,900	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$140,600	B

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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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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**

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$245,100	\$1,662,500
Bridge Electrical		\$217,300
<b>Total</b>	<b>\$245,100</b>	<b>\$1,879,800</b>
Priority A		\$770,400
Priority B		\$864,300
Priority C	\$245,100	\$245,100
<b>Total</b>	<b>\$245,100</b>	<b>\$1,879,800</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure			\$136,500	\$21,700
Bridge Electrical	\$2,900	\$1,000	\$1,000	\$1,000
Bridge Mechanical	\$46,700			
<b>Total</b>	<b>\$49,600</b>	<b>\$1,000</b>	<b>\$137,500</b>	<b>\$22,700</b>
Priority A			\$71,600	\$2,800
Priority B	\$49,600	\$1,000	\$65,900	\$1,000
Priority C				\$18,900
<b>Total</b>	<b>\$49,600</b>	<b>\$1,000</b>	<b>\$137,500</b>	<b>\$22,700</b>



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

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

*\*\* 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 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								
Concrete	100%			LIFE	* *			A
Backwall								
Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2052	* *			A
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			B
Mat (scour & erosion)								
Generic	100%			LIFE	* *			B
Pedestals								
Concrete	100%			LIFE	* *			A
Stem (breastwall)								
Concrete	100%			LIFE	* *			B
Walls								
Concrete	100%			LIFE	* *			A
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			C
Generic	100%			LIFE	* *			C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	* *			C
Stream Channel								
Bank Protection								
Concrete	100%			LIFE	* *			C
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	100%			LIFE	* *			B
Approaches								
Pavement								
Concrete	100%			2037	* *	4	\$37,700	C
Embankment								
Earth	100%			LIFE	* *			C
Generic	100%			LIFE	* *			C
Guide Railing								
Concrete	100%			2037	* *	4	\$5,600	A
Steel	100%			LIFE	* *	2-8	\$15,300	A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**  
**Asset # : 4319**

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 Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
Pier,Columns								
Concrete	100%			LIFE	**			B
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Deck Elements								
Guide Railing								
Concrete	100%			2042	**			A
Steel	100%			LIFE	**			A
Mono Deck Surface								
Concrete	100%			2052	**	5	\$275,100	C
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$176,200	A
Wearing Surface								
Concrete	100%			2037	**	5	\$215,000	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$65,600	A
Joints								
Steel	100%			LIFE	**			C
Generic	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,208,500	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,012,400	B
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 (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Communication Electrical								
Intercom								
Generic	100%			2022	\$13,400			B
Telephone								
Desk Top	100%			2022				B

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

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

\*\* 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 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
Communication Electrical								
Jack								
Telephone	100%			2022				B
Control System Electrical								
Computer								
PLC	10%	Now	\$1,400	2022	\$2,300			B
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Plc Cabinet							
	Explanation : One Processor Has No Plc Program.							
PLC	90%			2022	\$20,800			B
Control Console								
Stainless Steel	100%			LIFE	**			B
Control Devices								
Relay	100%			2042	**			B
Disconnect Switch								
Non Fused	100%			2042	**			B
Limit Switch								
Lever	100%			2022	\$3,200			B
Rotary	100%			2022				B
Local Starter								
Magnetic	100%			2042	**			B
Drive								
Grating Motor								
Generic	100%			2052	**			B
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Machine Room							
	Explanation : Grating Motor Used In Place Of Main Motor.							
Machinery Brake								
Thruster	100%			2052	**			B
Motor Brake								
Thruster	100%			2052	**			B
Span Lock Motor								
Generic	90%			2052	**			B
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Span Locks							
	Explanation : Span Locks Used For End Lifts Description.							
Generic	10%	Now	\$500	2052	**			B
	Other Observation, Extent : Moderate, Area Affected : 30%							
	Location : Span Locks							
	Explanation : West End Lift Motor Junction Box Broken							
Wedge Motor								
Generic	100%			2052	**			B
Electrical Power								
MCC								
Generic	100%			2042	**			B
PanelBoard								
Circuit Breaker	100%			2042	**	1	\$5,500	B

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

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\*\* 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 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
Electrical Power								
Transfer Switch								
Auto	100%			2042	**			B
Transformer								
Dry	100%			2042	**			B
Exterior Lighting								
Lighting Contactor								
Generic	100%			2042	**	1	\$4,600	B
Lighting Fixture								
HID	100%			2022	\$5,800			B
Spot Lighting								
Generic	100%			2022				B
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2027	**			B
Ground Rod								
Not Accessible	100%							D
Ground Wire								
Green	100%			2027	**			B
Interior Lighting								
Exit Lighting								
Battery Operated	100%			2027	**			B
Lighting Fixture								
Incandescent	100%			2022	\$3,000			B
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2022	\$8,100			B
Pier Lighting								
Incandescent	100%			2022	\$2,700			B
Span Lighting								
Incandescent	100%			2022	\$6,500			B
Raceway								
Box								
Pull Junction	100%			2032	**			B
Terminal	100%			2032	**			B
Conduit								
Metal	100%			2062	**			B
Submarine Control Cables								
Control	100%			2027	**			B
Submarine Power Cable								
Power	100%			2027	**			B
Trough								
Metal	100%			2062	**			B
Wires								
Thermoplastic	100%			2042	**			B
Span Lock								
Motor								
Squirrel Cage	100%			2037	**			B

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

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\*\* 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 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

## Stand-by Power

## Transfer Switch

Auto

100%

2042

\* \*

B

## Traffic System Electrical

## Barrier Gate Lighting

Incandescent

100%

2022

\$13,600

B

## Traffic Gate Lighting

Incandescent

100%

2022

\$13,600

B

## Traffic Gong

Generic

100%

2022

\$7,000

B

## Traffic Sign

Fixed

100%

2022

B

## Traffic Signal

Generic

100%

2022

\$217,300

B

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

## Swing

## Center Latch

Generic

50%

Now

\$4,000

2062

\* \*

B

*Other Observation, Extent : Moderate, Area Affected : 5%**Location : West Rest Pier**Explanation : West Latch Does Not Work Properly*

Generic

50%

2062

\* \*

B

## Center Lift

Generic

100%

0-2

\$21,200

2062

\* \*

B

*Other Observation, Extent : Light, Area Affected : 2%**Location : North & South Center Wedges**Explanation : Minor Corrosion And Lubricant Leakage. South Reducer Oil Gauge Shows Low Level*

## Center Pivot/Rim Assembly

Generic

100%

2062

\* \*

B

## Emergency Drive

Emergency Power

100%

Now

\$1,800

2062

\* \*

B

*Other Observation, Extent : Light, Area Affected : 1%**Location : Machinery House Platform**Explanation : Hydraulic Engine Generator Guard Removed*

## End Lift

Generic

100%

Now

\$13,900

2062

\* \*

B

*Other Observation, Extent : Light, Area Affected : 1%**Location : East & West Rest Piers**Explanation : Brakes Reported To Malfunction. Some Coverage Of Debris And Minor Corrosion*

## Fuel Tanks

Generic

100%

2042

\* \*

B

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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*\*\* 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 Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing Houses								
Access Ways	100%	Now	\$4,300	2062	* *			B
	<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : East &amp; West Rest Piers</i> <i>Explanation : Hatches At Rest Pier End Lift Need To Be Repaired</i>							
Control House	100%			2062	* *			B
Machinery Room	100%			2062	* *			B
Main Drive System								
Generic	100%			2062	* *			B
	<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Center Of Swing Span</i> <i>Explanation : Breathers Will Need To Be Changed Soon. Small Squeak From Tach Switch.</i>							
Live Load Supports								
Generic	100%			2037	* *			B
Traffic Devices								
Barrier Gate	100%	Now	\$1,200	2037	* *			B
	<i>Other Observation, Extent : Severe, Area Affected : 1%</i> <i>Location : East &amp; West Barrier Gates</i> <i>Explanation : Loose Crash Gate Wire Anchor Base Nuts</i>							
Warning Gate	75%			2037	* *			B
Warning Gate	25%	Now	\$300	2037	* *			B
	<i>Other Observation, Extent : Moderate, Area Affected : 5%</i> <i>Location : North East Gate</i> <i>Explanation : Broken Guy Wire</i>							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 05-May-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 1066510

CAPITAL		FY 2014 - 2017	FY 2018 - 2023
Bridge Structure		\$2,508,800	\$42,100
Bridge Electrical		\$1,515,400	\$201,200
Bridge Mechanical		\$334,700	
<b>Total</b>		<b>\$4,359,000</b>	<b>\$243,300</b>
Priority A		\$2,424,200	\$42,100
Priority B		\$1,934,800	\$201,200
<b>Total</b>		<b>\$4,359,000</b>	<b>\$243,300</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bridge Structure	\$60,100		\$11,900	\$5,500
Bridge Electrical	\$32,200			
Bridge Mechanical	\$25,500			
<b>Total</b>	<b>\$117,900</b>		<b>\$11,900</b>	<b>\$5,500</b>
Priority A	\$7,900		\$800	
Priority B	\$87,500			
Priority C	\$22,400		\$11,100	\$5,500
<b>Total</b>	<b>\$117,900</b>		<b>\$11,900</b>	<b>\$5,500</b>



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

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**

**Asset # : 4244**

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
Joint with Deck								
Generic	100%	0-2	\$20,400	LIFE	* *			B
Joints Missing, Extent : Moderate, Area Affected : 20%								
Location : Begin Abutment								
Leakage, Extent : Severe, Area Affected : 20%								
Location : At Begin Abutment Stem								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			B
Stem (breastwall)								
Concrete	100%			LIFE	* *			B
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Begin Abutment								
Walls								
Concrete	100%			LIFE	* *			A
Stream Channel								
Bank Protection								
Riprap	100%			LIFE	* *			C
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	100%	Now	\$84,700	LIFE	* *			B
Broken/Missing Element, Extent : Severe, Area Affected : 70%								
Location : Piers 8 & 9.								
Rotted, Extent : Severe, Area Affected : 50%								
Location : Piers 8 & 9.								
Approaches								
Pavement								
Asphalt	100%			2025	* *	4	\$6,000	C
Other Observation, Extent : Light, Area Affected : 100%								
Location : End Approach Only.								
Explanation : End Approach Only.								
Curbs								
Concrete	90%			LIFE	* *			A
Concrete	10%	0-2	\$100	LIFE	* *			A
Broken/Missing Element, Extent : Moderate, Area Affected : 2%								
Location : Right Side Of End Approach								
Settlement, Extent : Severe, Area Affected : 5%								
Location : Right Side Of End Approach								
Concrete w/ Steel Face	100%			LIFE	* *			A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Left Side End Approach								
Explanation : Left Side End Approach								
Embankment								
Earth	100%			LIFE	* *			C

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**  
**Asset # : 4244**

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									
Guide Railing									
Steel	90%			LIFE	* *	2-8	\$4,800	A	
Steel	10%	Now	\$500	LIFE	* *	2-8	\$4,800	A	
Damaged Railing, Extent : Moderate, Area Affected : 10%									
Location : Left Side End Approach Guide Rail.									
Mat (scour & erosion)									
Earth	100%			LIFE	* *			A	
Sidewalks/Fascias									
Concrete	100%			LIFE	* *			C	
Piers									
Cap Beam									
Concrete	80%			LIFE	* *			A	
Concrete	20%	0-2	\$51,400	LIFE	* *			A	
Leakage, Extent : Severe, Area Affected : 50%									
Location : At Cap Beam 1,3,5,7,10,12,14,16									
Spalling, Extent : Moderate, Area Affected : 50%									
Location : Cap Beams 12,14,16 Right Side									
Other Observation, Extent : Moderate, Area Affected : 100%									
Location : Underside Of Cap Beams Below The Joints									
Explanation : Underside Of Cap Beams Spalling And Cracking									
Pier,Columns									
Concrete	85%			LIFE	* *			B	
Concrete	15%	2-4	\$9,400	LIFE	* *			B	
Cracks, Extent : Moderate, Area Affected : 10%									
Location : Piers 3 And 7									
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%									
Location : Piers 3 And 7									
Spalling, Extent : Moderate, Area Affected : 15%									
Location : Piers 1, 3, 7, 13, 14, & 16									
Stem,Solid Pier									
Concrete	100%			LIFE	* *			B	
Brngs,Ancr Blts,Pads									
Steel	100%			LIFE	* *	2-8	\$6,600	A	
Other Observation, Extent : Light, Area Affected : 100%									
Location : Spans 7, 8, 9, 10 & 15.									
Explanation : Spans 7, 8, 9, 10 & 15.									
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%	0-2	\$5,200	LIFE	* *			A	
Erosion, Extent : Severe, Area Affected : 10%									
Location : Under Spans 10, 11, 12 & 14									
Pedestals									
Concrete	100%			LIFE	* *			B	
Deck Elements									

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**  
**Asset # : 4244**

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	98%			2041	**			A
Concrete	2%	Now	\$1,000	2041	**			A
Broken/Missing Element, Extent : Severe, Area Affected : 1%								
Location : Right curb at span 7								
Concrete w/ Steel Face	100%			LIFE	**			A
Median								
Concrete	100%	4+	\$800	LIFE	**	5	\$300	A
Damaged Railing, Extent : Moderate, Area Affected : 2%								
Location : Span 6								
Mono Deck Surface								
Concrete	90%			2031	**	5	\$21,700	C
Concrete	10%	4+	\$1,300	2031	**	5	\$10,900	C
Cracks, Extent : Moderate, Area Affected : 40%								
Location : Spans 6, 7, 8, 10 Thru. 12								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Spans 6, 7, 8, 10 Thru. 12								
Explanation : Numerous Patched Potholes,								
Railings/Parapets								
Concrete	100%			2036	**	4		A
Steel	95%			LIFE	**	2-8	\$3,500	A
Steel	5%	4+	\$300	LIFE	**	2-8	\$3,500	A
Corrosion, Extent : Moderate, Area Affected : 15%								
Location : Spans 8 & 10								
Sidewalks/Fascias								
Concrete	90%			2026	**	5	\$500	C
Concrete	10%	4+	\$200	2026	**	5	\$200	C
Cracks, Extent : Light, Area Affected : 40%								
Location : Spans 8, 13, 14, & 16.								
Wearing Surface								
Asphalt	80%			2022	\$23,900	5	\$4,900	C
Asphalt	20%	0-2	\$600	2026	**	5	\$2,500	C
Other Observation, Extent : Severe, Area Affected : 75%								
Location : Spans 1, 6, & 7 Eastbound								
Explanation : Potholes And Uneven Asphalt Patches								
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Spans 8 And 10								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**  
**Asset # : 4244**

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								
Joints								
Steel	60%			LIFE	**			C
Steel	40%	Now	\$20,400	LIFE	**			C
Broken/Missing Element, Extent : Severe, Area Affected : 60%								
Location : Spans 1,3,5,7,10,12,14 And 16								
Leakage, Extent : Moderate, Area Affected : 75%								
Location : Spans 1,3,5,7,10,12,14 And 16								
Primary Member								
Concrete	70%			LIFE	**	5	\$21,000	A
Concrete	30%	2-4	\$334,600	LIFE	**	5	\$21,000	A
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Spans 1 Thru 7 And 11 Thru. 17								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Spans 1 Thru 7 And 11 Thru. 17								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Spans 1 Thru 7 And 11 Thru. 17								
Secondary Member								
Not Accessible	100%							D
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Spans 8 & 10.								
Movable Bridges								
Bascule Span								
Steel	50%			LIFE	**			A
Steel	50%	2-4	\$1,607,600	LIFE	**			A
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Span 9								
Explanation : Steel Section Loss And Corrosion Holes. Cracked Steel Grating Panel. Poor Condition Of Right Sidewalk.								
Bascule Span Pier								
Concrete	100%	2-4	\$430,600	LIFE	**			A
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Bascule Span Piers								
Explanation : Spalls And Cracks								

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Communications								
Generic	100%	Now	\$32,200	2021	\$32,200			B
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Numerous Locations								
Explanation : System Not Operational								
Control System Electrical								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**  
**Asset # : 4244**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$51,300	LIFE	* *			B
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : On Console								
Explanation : Bridge Fully Open Indications Do Not Illuminate, Nameplates Barely Legible								
Disconnect Switch								
Generic	100%	4+	\$35,000	2041	* *			B
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Various								
Explanation : Disconnet Switches Are Not All Operable								
Limit Switch								
Generic	100%	2-4	\$35,500	2041	* *			B
Other Observation, Extent : Severe, Area Affected : 100%								
Location : East And West Leaves								
Explanation : Limit Switch Housing Severly Corroded								
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%	2-4	\$417,300	2041	* *			B
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Electric Room								
Explanation : Not Osha Compliant, No Replacement Parts Available								
Raceway								
Submarine Control Cables								
Not Accessible	100%							D
Wiring								
Generic	100%	2-4	\$900,900	2026	* *			B
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Various								
Explanation : Conduit Is Corroded. Wiring Is Damaged.								
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$37,800	2021	\$126,000			B
Broken/Missing Elem, Extent : Moderate, Area Affected : 40%								
Location : Approaches								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Approaches								
Explanation : Some Bulbs Need Replacement								
Lighting								
Lighting Devices								
Generic	100%	Now	\$37,600	2019	\$75,200			B
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Various								
Explanation : Various Service Lighting Fixtures Are Broken/missing								

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**  
**Asset # : 4244**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Counter Weight Generic	100%			2036	* *			B
Emergency Drive Emergency Power	100%			2024	* *			B
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : Auxiliary Drives							
	Explanation : No Operation Observed. Need To Run And Test Auxiliary Drive.							
Manual	100%	Now	\$6,500	2024	* *			B
	Other Observation, Extent : Moderate, Area Affected : 75%							
	Location : Manual Drive Components							
	Explanation : No Operation Observed. Covered In Pigeon Droppings And Appears To Be Frozen							
Fuel Tanks Generic	100%	Now	\$500	2026	* *			B
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Operators House							
	Explanation : Slight Leakage Out Of Sight Gauge.							
Houses								
Access Ways	80%	4+	\$26,300	2024	* *			B
	Other Observation, Extent : Light, Area Affected : 75%							
	Location : Span Drive Machinery							
	Explanation : Mild Corrosion.							
Access Ways	20%	0-2	\$16,500	2024	* *			B
	Other Observation, Extent : Severe, Area Affected : 40%							
	Location : Center Locks							
	Explanation : Corrosion Of Access Platforms And Covered In Pigeon Droppings.							
Machinery Room	100%	Now	\$6,900	2036	* *			B
	Other Observation, Extent : Light, Area Affected : 2%							
	Location : Machinery Rooms							
	Explanation : Some Small Floor Panels Replaced With Plywood. Some Pigeon Droppings.							
Lock Bars With Motor	100%	Now	\$126,600	2024	* *			B
	Other Observation, Extent : Severe, Area Affected : 15%							
	Location : Lock Bar Machinery							
	Explanation : One Failed Hanger And Machinery Is Covered In Debris And Corrosion.							
Main Drive System Generic	100%			2024	* *			B
Rack Generic	100%			2036	* *			B
Live Load Supports Not Accessible	100%							D

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**  
**Asset # : 4244**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Bascule								
Traffic Devices								
Barrier Gate	50%	Now	\$37,200	2024	* *			B
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : West Gates							
	Explanation : The Gates Have Difficulty Interlocking At Center And Arm End Latches Do Not Work.							
Barrier Gate	50%			2024	* *			B
Warning Gate	50%	Now	\$11,500	2024	* *			B
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : S E & N W Gates							
	Explanation : Gate Adjustment Required							
Warning Gate	50%			2024	* *			B
Trunnion								
Generic	100%	Now	\$128,100	2036	* *			B
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Trunnions							
	Explanation : Machinery Covered In Debris And Corrosion.							

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure		\$276,700
Bridge Electrical		\$1,613,500
Bridge Mechanical	\$125,600	
<b>Total</b>	<b>\$125,600</b>	<b>\$1,890,200</b>
Priority A		\$149,900
Priority B	\$125,600	\$1,740,300
<b>Total</b>	<b>\$125,600</b>	<b>\$1,890,200</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$66,700	\$800	\$28,800	\$27,600
Bridge Electrical	\$59,100			
Bridge Mechanical	\$57,100			
<b>Total</b>	<b>\$182,900</b>	<b>\$800</b>	<b>\$28,800</b>	<b>\$27,600</b>
Priority A	\$7,000		\$15,300	
Priority B	\$133,400		\$13,500	
Priority C	\$42,500	\$800		\$27,600
<b>Total</b>	<b>\$182,900</b>	<b>\$800</b>	<b>\$28,800</b>	<b>\$27,600</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

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								
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	**			B
Pedestals								
Concrete	100%			LIFE	**			A
Stem (breastwall)								
Masonry: Granite	100%			LIFE	**			B
Wingwalls								
Footings								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Granite	100%			LIFE	**			C
Stream Channel								
Bank Protection								
Concrete	100%			LIFE	**			C
Riprap	100%			LIFE	**			C
Timber	100%			2029	**			C
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	85%			LIFE	**			B
Timber	15%	0-2	\$17,200	LIFE	**			B
Broken/Missing Element, Extent : Moderate, Area Affected : 20%								
Location : Pier 3								
Rotted, Extent : Moderate, Area Affected : 10%								
Location : Pier 3								
Split/Dry/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Pier 3								
Approaches								
Pavement								
Concrete	100%			2034	**	4	\$29,000	C
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Guide Railing								
Steel	95%			LIFE	**	2-8	\$4,800	A
Steel	5%	0-2	\$300	LIFE	**	2-8	\$4,800	A
Damaged Railing, Extent : Moderate, Area Affected : 5%								
Location : Begin Right Approach								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

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								
Sidewalks/Fascias								
Concrete	95%			LIFE	**			C
Concrete	5%	4+	\$100	LIFE	**			C
Cracks, Extent : Light, Area Affected : 20%								
Location : Underside Of Sdwk. Overhang And At Top.								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Underside Of Sdwk. Overhang.								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
Steel	100%			LIFE	**	2-8		A
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$23,300	B
Corrosion, Extent : Light, Area Affected : 10%								
Location : Pier 1								
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	**			A
Steel	100%			LIFE	**	2-8	\$53,400	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	**			B
Steel	100%			LIFE	**			B
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 1, 2, & 5.								
Explanation : Spans 1, 2, & 5.								
Steel	100%			LIFE	**			A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 2 & 3								
Explanation : Spans 2 & 3								
Guide Railing								
Steel	95%			LIFE	**			A
Steel	5%	4+	\$1,900	LIFE	**			A
Damaged Railing, Extent : Moderate, Area Affected : 5%								
Location : Span 4 Left Side								
Mono Deck Surface								
Concrete	100%			2047	**	5	\$55,200	C

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\*\* 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 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Deck Elements									
Railings/Parapets									
Cast Iron	90%			LIFE	**			A	
Cast Iron	5%	4+	\$3,500	LIFE	**			A	
	Corrosion, Extent : Severe, Area Affected : 25% Location : Right Pedestrian Railing Spans 1- 5.								
Cast Iron	5%	Now	\$1,400	LIFE	**			A	
	Broken/Missing Element, Extent : Severe, Area Affected : 10% Location : Spans 2 & 5.								
Sidewalks/Fascias									
Concrete	100%			2029	**	5	\$4,900	C	
	Cracks, Extent : Light, Area Affected : 10% Location : Spans 1 & 5 Efflorescence, Extent : Light, Area Affected : 10% Location : Spans 1 & 5.								
Grating w/ Concrete	100%			2047	**			C	
	Other Observation, Extent : Light, Area Affected : 100% Location : Spans 3 & 4. Explanation : Spans 3 & 4.								
Wearing Surface									
Asphalt	100%			2025	**	5	\$1,600	C	
Concrete	100%			2034	**	5	\$60,700	C	
	Recent Repair Evident, Extent : Light, Area Affected : 10% Location : Spans 3 & 4.								
Superstructure									
Deck,Structural									
Concrete	100%			LIFE	**	5	\$1,800	A	
Grating w/ Concrete	100%			LIFE	**			A	
Joints									
Steel	100%			LIFE	**			C	
Generic	100%			LIFE	**			C	
Primary Member									
Steel	100%			LIFE	**	2-8	\$236,900	A	
	Corrosion, Extent : Moderate, Area Affected : 5% Location : Spans 1,2 & 5								
Secondary Member									
Steel	100%			LIFE	**	2-8	\$198,400	B	
	Corrosion, Extent : Light, Area Affected : 5% Location : Spans 1, 2 & 5.								
Movable Bridges									
Swing Span Truss									
Steel	100%			LIFE	**			A	
	Other Observation, Extent : Moderate, Area Affected : 10% Location : Spans 3 & 4. Explanation : Localized Corrosion With Section Loss In Primary And Secondary Members.								

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

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

## Communication Electrical

Communications  
Generic

100% Now \$9,700 2021 \$32,200 B  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Entire System*  
*Explanation : Not Functional.*

## Control System Electrical

Control Console  
Stainless Steel

100% LIFE \* \* B

Disconnect Switch  
Generic

100% 2034 \* \* B

Limit Switch  
Generic

100% 2034 \* \* B

## Electrical Power

Dist Equip & Motor Controll  
Generic

100% Now \$26,500 2026 \* \* B  
*Other Observation, Extent : Light, Area Affected : 50%*  
*Location : Motors 1 And 3*  
*Explanation : Motors 1 And 3 Not Operational.*

## Raceway

Collector Ring  
Metal

100% 2-4 \$14,900 2029 \* \* B  
*Other Observation, Extent : Light, Area Affected : 20%*  
*Location : Rim Bearing Lower Level*  
*Explanation : Collector Shoes Are Slightly Corroded*

Submarine Control Cables  
Control

100% 2019 B

Wiring  
Generic

100% 2019 \$1,395,600 B

## Traffic System Electrical

Traffic Signal  
Generic

100% Now \$6,200 2020 \$124,300 B  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : All Gongs*  
*Explanation : Gongs Are Not Operational.*

## Lighting

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**DEPARTMENT OF TRANSPORTATION - 841**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

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

## Lighting

Lighting Devices  
Generic

100% Now \$1,900 2019 \$93,700 B  
*Other Observation, Extent : Light, Area Affected : 50%*  
*Location : Entire System.*  
*Explanation : Several Lamps Missing Or Inoperative.*

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

## Swing

Center Latch  
Generic

100% Now \$59,900 2049 \* \* B  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : East Latch*  
*Explanation : East Latch Is Not Driven. Latch Is Failed.*

Center Pivot/Rim Assembly  
Generic

100% 2049 \* \* B

Emergency Drive  
Emergency Power

100% 2049 \* \* B  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Emergency Power*  
*Explanation : No Operation Observed.*

End Lift  
Generic

100% 4+ \$65,600 2049 \* \* B  
*Other Observation, Extent : Moderate, Area Affected : 20%*  
*Location : End Lift Machinery*  
*Explanation : Machinery Exhibits Corrosion*

## Houses

Access Ways  
Access Ways

90% 2049 \* \* B  
 10% Now \$4,000 2049 \* \* B  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Hatch To Center Machinery*  
*Explanation : Hatch Exhibits Moderate Corrosion*

Machinery Room

100% 2049 \* \* B

Main Drive System  
Generic

100% 4+ \$24,300 2049 \* \* B  
*Other Observation, Extent : Light, Area Affected : 10%*  
*Location : Span Drive*  
*Explanation : Accumulted Pigeon Debris On Secondary Reducer Machinery*

Live Load Supports  
Generic

100% 2030 \* \* B

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*\*\* 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 Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Swing								
Traffic Devices								
Barrier Gate	50%			2030	* *			B
Barrier Gate	50%	Now	\$17,300	2030	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Approach</i>								
<i>Explanation : Gate Arms Needed To Be Manually Interlocked At Center</i>								
Warning Gate	50%	Now	\$11,500	2030	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Southeast And Southwest</i>								
<i>Explanation : Gates Are Not Lowering Fully. Concrete Missing Around Edge Of Base.</i>								
Warning Gate	50%			2030	* *			B

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Electrical	\$399,200	
Bridge Mechanical	\$73,800	\$18,826,800
<b>Total</b>	<b>\$472,900</b>	<b>\$18,826,800</b>
Priority B	\$472,900	\$18,826,800
<b>Total</b>	<b>\$472,900</b>	<b>\$18,826,800</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$1,000			
Bridge Electrical	\$52,200		\$13,000	
<b>Total</b>	<b>\$53,100</b>		<b>\$13,000</b>	
Priority B	\$52,200		\$13,000	
Priority C	\$1,000			
<b>Total</b>	<b>\$53,100</b>		<b>\$13,000</b>	



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 Estimates are rounded to the nearest hundred dollars.

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER**  
**Asset # : 13872**

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 Concrete	100%			LIFE	**			A	
Backwall Concrete	100%			LIFE	**			C	
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**			A	
Joint with Deck Steel	100%			LIFE	**			B	
Mat (scour & erosion) Earth	100%			LIFE	**			B	
Stem (breastwall) Concrete	100%			LIFE	**			B	
Wingwalls									
Mat (scour & erosion) Earth	100%			LIFE	**			C	
Walls Concrete	100%			LIFE	**			C	
Stream Channel									
Bank Protection Masonry	100%			LIFE	**			C	
Pier Protection Timber	100%			LIFE	**			B	
Approaches									
Pavement Asphalt	100%			2023		4		C	
Piers									
Cap Beam Concrete	100%			LIFE	**			A	
Pier,Columns Concrete	100%			LIFE	**			B	
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8		A	
Mat (scour & erosion) Earth	100%			LIFE	**			A	
Pedestals Concrete	100%			LIFE	**			B	
Deck Elements									
Mono Deck Surface Concrete	90%			2044	**	5	\$800	C	
Concrete	10%	4+	\$600	2044	**	5	\$400	C	
Spalling, Extent : Moderate, Area Affected : 10% Location : Lift Span									
Railings/Parapets Concrete	100%			2027	**	4		A	
Steel	100%			LIFE	**	2-8		A	

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER**  
**Asset # : 13872**

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								
Deck,Structural Concrete	100%			LIFE	* *	5		A
Joints Steel	100%			LIFE	* *			C
Primary Member Steel	100%			LIFE	* *	2-8		A
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								
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	\$6,400	2018	\$6,400			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : .								
Explanation : System Obsolete And Inoperative								
Control System Electrical								
Control Console Metal	100%	Now	\$33,800	2038	* *			B
Disconnect Switch Generic	100%			2031	* *			B
Limit Switch Generic	100%	Now	\$1,300	2016	\$13,000			B
Electrical Power								
Dist Equip & Motor Controll Generic	100%			2016	\$205,200			B
Other Observation, Extent : Light, Area Affected : 100%								
Location : Switchgear And Motor Control Room								
Explanation : Equipment Is Obsolete And Poorly Maintained.								
Raceway								
Submarine Power Cable Not Accessible	100%							D
Wiring Generic	100%			2014	\$194,000			B
Lighting								
Lighting Devices Generic	100%	Now	\$10,700	2019	\$17,800			B
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Entire Bridge								
Explanation : Fixtures Unlamped, Mismatched And Broken								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER**  
**Asset # : 13872**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Vertical Lift								
CTRWT Ropes & Guides								
Generic	20%	2-4	\$73,800	2021	\$3,688,500			B
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : All Counterweight Ropes.								
Explanation : Ropes Are Devoid Of Lubricant Where They Contact The Sheave. The Remainder Of The Lubricant Is Old.								
Generic	80%			2021	\$14,753,800			B
Counter Weight								
Main CTRWT	100%			2046	* *			B
Houses								
Access Ways	100%			2021	\$235,700			B
Main Drive System								
Generic	100%			2033	* *			B
Sheaves								
Generic	100%			2033	* *			B
Traffic Devices								
Barrier Gate	100%			2021	\$148,900			B

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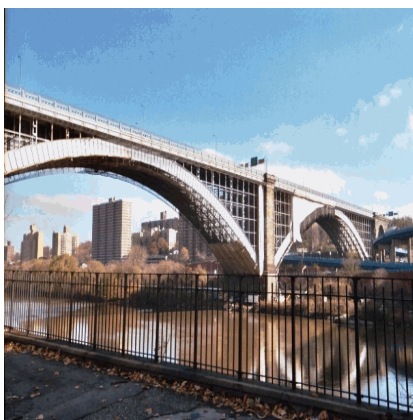
Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 11-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2066919

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bridge Structure	\$19,206,700	\$9,062,400
<b>Total</b>	<b>\$19,206,700</b>	<b>\$9,062,400</b>
Priority A	\$10,488,600	\$2,236,200
Priority B	\$1,577,000	\$2,163,700
Priority C	\$7,141,100	\$4,662,600
<b>Total</b>	<b>\$19,206,700</b>	<b>\$9,062,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bridge Structure	\$22,700	\$7,400	\$435,700	
<b>Total</b>	<b>\$22,700</b>	<b>\$7,400</b>	<b>\$435,700</b>	
Priority A			\$218,700	
Priority B			\$217,000	
Priority C	\$22,700	\$7,400		
<b>Total</b>	<b>\$22,700</b>	<b>\$7,400</b>	<b>\$435,700</b>	



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 Estimates are rounded to the nearest hundred dollars.

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER**  
**Asset # : 2441**

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	
Mat (scour & erosion)									
Earth	100%			LIFE	* *			B	
Stem (breastwall)									
Granite	70%			LIFE	* *			B	
Granite	30%	4+	\$668,700	LIFE	* *			B	
Efflorescence, Extent : Light, Area Affected : 25%									
Location :									
Leakage, Extent : Light, Area Affected : 25%									
Location :									
Wingwalls									
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%			LIFE	* *			C	
Piles									
Not Accessible	100%							D	
Walls									
Granite	70%			LIFE	* *			C	
Granite	30%	4+	\$131,600	LIFE	* *			C	
Efflorescence, Extent : Light, Area Affected : 10%									
Location :									
Leakage, Extent : Light, Area Affected : 10%									
Location :									
Stream Channel									
Bank Protection									
Masonry	100%			LIFE	* *			C	
Riprap	100%			LIFE	* *			C	
Mat (scour & erosion)									
Generic	100%			LIFE	* *			A	
Approaches									
Pavement									
Asphalt	60%			2023	\$734,900	4	\$22,200	C	
Asphalt	40%	2-4	\$147,000	2023	\$490,000	4	\$14,800	C	
Settlement, Extent : Moderate, Area Affected : 30%									
Location : At End Approach									
Curbs									
Concrete w/ Steel Face	100%			LIFE	* *			A	
Embankment									
Earth	100%			LIFE	* *			C	
Vegetation Growth, Extent : Moderate, Area Affected : 100%									
Location : At End Approach									

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER**  
**Asset # : 2441**

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								
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$4,800	A
Other Observation, Extent : Light, Area Affected : 100%								
Location : Right Side Of Beginning Approach								
Explanation : Steel On Right Side Of Beginning Approach								
Pavement Base								
Not Accessible	100%							D
Sidewalks/Fascias								
Concrete	90%			LIFE	* *			C
Concrete	10%	4+	\$2,300	LIFE	* *			C
Cracks, Extent : Light, Area Affected : 10%								
Location : At End Approach								
Piers								
Cap Beam								
Masonry	100%			LIFE	* *			A
Stem,Solid Pier								
Granite	90%			LIFE	* *			B
Granite	10%	4+	\$145,900	LIFE	* *			B
Efflorescence, Extent : Light, Area Affected : 25%								
Location :								
Leakage, Extent : Light, Area Affected : 25%								
Location :								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	\$4,500	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Pedestals								
Steel	100%			LIFE	* *			B
Corrosion, Extent : Light, Area Affected : 100%								
Location :								
Deck Elements								
Gratings								
Grating w/ Concrete	100%			2042	* *			A
Guide Railing								
Concrete	100%			2035	* *			A
Median								
Concrete	100%			LIFE	* *	5	\$7,800	A
Railings/Parapets								
Masonry	100%			2031	* *	5		A
Steel	100%			LIFE	* *	2-8	\$38,200	A
Sidewalks/Fascias								
Concrete	100%	4+	\$13,600	2027	* *	5	\$4,300	C
Cracks, Extent : Light, Area Affected : 10%								
Location : Random								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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\*\* 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		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Wearing Surface								
Concrete	20%	0-2	\$274,500	2018	\$2,745,000	5	\$346,300	C
	Spalling, Extent : Moderate, Area Affected : 30%							
	Location : Random							
Concrete	80%	Now	\$6,587,900	2035	* *	5	\$346,300	C
	Delaminations, Extent : Severe, Area Affected : 80%							
	Location : Throughout							
	Spalling, Extent : Severe, Area Affected : 40%							
	Location : Random Throughout							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$72,500	A
Joints								
Generic	90%			LIFE	* *			C
Generic	10%	0-2	\$6,800	LIFE	* *			C
	Loose Elements, Extent : Severe, Area Affected : 10%							
	Location : Span 5 Westbound							
	Loose Joint Plates, Extent : Severe, Area Affected : 10%							
	Location : Span 5 Westbound							
	Other Observation, Extent : Severe, Area Affected : 10%							
	Location : Span 5 Westbound							
	Explanation : Joint Plate Banging Loud Under Tires Of Traffic							
Primary Member								
Steel	80%			LIFE	* *	2-8	\$2,020,700	A
Steel	20%	4+	\$8,837,400	LIFE	* *	2-8	\$2,020,700	A
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Masonry: Stone	75%			LIFE	* *			A
Masonry: Stone	25%	4+	\$1,651,200	LIFE	* *			A
	Efflorescence, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
	Leakage, Extent : Moderate, Area Affected : 10%							
	Location : Throughout							
Secondary Member								
Steel	75%			LIFE	* *	2-8	\$1,692,700	B
Steel	25%	2-4	\$762,400	LIFE	* *	2-8	\$1,692,700	B
	Corrosion, Extent : Light, Area Affected : 20%							
	Location : Random							

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

<b>Asset Name</b>	: WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE		
<b>Address</b>	: FDR AT 125 STREET		
<b>Borough</b>	: MANHATTAN	<b>Agency's Number</b>	: N/A
<b>Program / Asset #</b>	: DOT0040.0A0 / 4240	<b>Yr Built/Renovated</b>	: 1901 / 2008
<b>Area Sq Ft</b>	: 29,900	<b>Project Type</b>	: WATERWAY BRIDGES
<b>Date of Survey</b>	: 01-Jul-2008	<b>Landmark Status</b>	: NONE
<b>Areas Surveyed</b>	:		
<b>Block</b>	:	<b>Lot</b>	:
		<b>BIN</b>	: 224005A

**CAPITAL**


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**Total**


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Priority

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**Total**
**EXPENSE**


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**Total**


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Priority

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**Total**


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

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

*\*\* 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		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								
Under Construction	100%							D
Backwall								
Under Construction	100%							D
Brngs,Ancr Blts,Pads								
Under Construction	100%							D
Footings								
Under Construction	100%							D
Joint with Deck								
Under Construction	100%							D
Mat (scour & erosion)								
Under Construction	100%							D
Pedestals								
Under Construction	100%							D
Stem (breastwall)								
Under Construction	100%							D
Walls								
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)								
Under Construction	100%							D
Pier Protection								
Under Construction	100%							D
Approaches								
Pavement								
Under Construction	100%							D
Curbs								
Under Construction	100%							D
Embankment								
Under Construction	100%							D
Guide Railing								
Under Construction	100%							D
Mat (scour & erosion)								
Under Construction	100%							D
Sidewalks/Fascias								
Under Construction	100%							D

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE**  
**Asset # : 4240**

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
Piers								
Cap Beam								
Under Construction	100%							D
Pier,Columns								
Under Construction	100%							D
Stem,Solid Pier								
Under Construction	100%							D
Brngs,Ancr Blts,Pads								
Under Construction	100%							D
Footings								
Under Construction	100%							D
Mat (scour & erosion)								
Under Construction	100%							D
Pedestals								
Under Construction	100%							D
Deck Elements								
Curbs								
Under Construction	100%							D
Gratings								
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/Fascias								
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

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

<b>Asset Name</b>	: WILLIS AVE. BRIDGE WILLIS AVE/HARLEM RIVER		
<b>Address</b>	: HARLEM RIVER, WILLIS AVE.		
<b>Borough</b>	: MANHATTAN:BX.	<b>Agency's Number</b>	: N/A
<b>Program / Asset #</b>	: DOT0040.090 / 4239	<b>Yr Built/Renovated</b>	: 1901 / 2008
<b>Area Sq Ft</b>	: 94,700	<b>Project Type</b>	: WATERWAY BRIDGES
<b>Date of Survey</b>	: 01-Jul-2008	<b>Landmark Status</b>	: NONE
<b>Areas Surveyed</b>	:		
<b>Block</b>	:	<b>Lot</b>	:
		<b>BIN</b>	: 2240059

**CAPITAL**


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**Total**


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Priority

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**Total**
**EXPENSE**


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**Total**


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Priority

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**Total**


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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE WILLIS AVE/HARLEM RIVER**

**Asset # : 4239**

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								
Under Construction	100%							D
Backwall								
Under Construction	100%							D
Brngs,Ancr Blts,Pads								
Under Construction	100%							D
Footings								
Under Construction	100%							D
Joint with Deck								
Under Construction	100%							D
Mat (scour & erosion)								
Under Construction	100%							D
Stem (breastwall)								
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)								
Under Construction	100%							D
Pier Protection								
Under Construction	100%							D
Approaches								
Pavement								
Under Construction	100%							D
Curbs								
Under Construction	100%							D
Embankment								
Under Construction	100%							D
Guide Railing								
Under Construction	100%							D
Mat (scour & erosion)								
Under Construction	100%							D
Sidewalks/Fascias								
Under Construction	100%							D
Piers								
Cap Beam								
Under Construction	100%							D

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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE WILLIS AVE/HARLEM RIVER**

**Asset # : 4239**

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
Piers								
Pier,Columns								
Under Construction	100%							D
Stem,Solid Pier								
Under Construction	100%							D
Brngs,Ancr Blts,Pads								
Under Construction	100%							D
Footings								
Under Construction	100%							D
Mat (scour & erosion)								
Under Construction	100%							D
Pedestals								
Under Construction	100%							D
Deck Elements								
Curbs								
Under Construction	100%							D
Gratings								
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/Fascias								
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
Movable Bridges								
Swing Span Truss								
Under Construction	100%							D
Swing Span Pivot Pier								
Under Construction	100%							D

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE WILLIS AVE/HARLEM RIVER**

**Asset # : 4239**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
Communication Electrical								
Communications								
Under Construction	100%							D
Control System Electrical								
Control Console								
Under Construction	100%							D
Disconnect Switch								
Under Construction	100%							D
Limit Switch								
Under Construction	100%							D
Electrical Power								
Transfer Switch								
Under Construction	100%							D
Dist Equip & Motor Controll								
Under Construction	100%							D
Ground/Lightning Protection								
Ground Bus								
Under Construction	100%							D
Ground Rod								
Under Construction	100%							D
Ground Wire								
Under Construction	100%							D
Lightning Terminals								
Under Construction	100%							D
Power Over 600V								
Service Equipment								
Under Construction	100%							D
Transformer								
Under Construction	100%							D
Raceway								
Submarine Control Cables								
Under Construction	100%							D
Wiring								
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

*Note : 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**  
**WILLIS AVE. BRIDGE WILLIS AVE/HARLEM RIVER**

**Asset # : 4239**

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

*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER  
**Address** : HART ISLAND  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0128.018 / 1790 **Yr Built/Renovated** :  
**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 2014 - 2017	FY 2018 - 2023
Piers		\$378,400	
<b>Total</b>		<b>\$378,400</b>	
Priority A		\$43,400	
Priority B		\$334,900	
<b>Total</b>		<b>\$378,400</b>	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$11,900			
<b>Total</b>	<b>\$11,900</b>			
Priority A	\$11,900			
Priority B				
<b>Total</b>	<b>\$11,900</b>			



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

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

\*\* 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		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural Deck									
Concrete	50%			LIFE	* *	5	\$5,700	A	
	Cracking, Extent : Light, Area Affected : 5%								
	Location : Isolated Throughout								
	Spalling, Extent : Light, Area Affected : 5%								
	Location : Isolated Throughout								
Concrete	5%	4+	\$11,900	LIFE	* *	5	\$600	A	
	Spalling, Extent : Severe, Area Affected : 10%								
	Location : At Loading Ramp								
	Other Observation, Extent : Severe, Area Affected : 80%								
	Location : At Shoreline Abutment								
	Explanation : Undermining								
Not Accessible	45%							D	
Pile Caps									
Timber	55%			LIFE	* *	4	\$26,300	A	
	Rotting/Splitting, Extent : Light, Area Affected : 30%								
	Location : Throughout								
Not Accessible	45%							D	
Piles and Bracing									
Timber	20%	4+	\$43,400	LIFE	* *	4-5	\$5,500	A	
	Rotting/Splitting, Extent : Moderate, Area Affected : 60%								
	Location : Trestle And Pier Head								
Timber	30%			LIFE	* *	4-5	\$8,200	A	
	Rotting/Splitting, Extent : Light, Area Affected : 40%								
	Location : Throughout								
Not Accessible	50%							D	
Fender									
Wales and Chocks									
Timber	10%	Now	\$24,200	2037	* *	4	\$2,700	B	
	Missing Part, Extent : Severe, Area Affected : 60%								
	Location : Offshore Face Of Pier								
Timber	25%	2-4	\$60,600	2037	* *	4	\$6,600	B	
	Rotting/Splitting, Extent : Severe, Area Affected : 60%								
	Location : Offshore Face Of Pier								
No Component	65%							D	
Piles									
Timber	30%	Now	\$115,200	2037	* *	4	\$3,700	B	
	Missing Part, Extent : Severe, Area Affected : 100%								
	Location : Offshore End								
Timber	20%	0-2	\$76,800	2037	* *	4	\$2,500	B	
	Broken, Extent : Severe, Area Affected : 30%								
	Location : Offshore End								
	Rotting/Splitting, Extent : Severe, Area Affected : 75%								
	Location : Offshore End								
No Component	50%							D	

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER**

**Asset # : 1790**

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

Deck Elements

Coping/Curb

Timber

100%	4+	\$58,200	LIFE	* *	B
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*Rotting/Splitting, Extent : Moderate, Area Affected : 70%*  
*Location : Throughout Pier*

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*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : FERRY DOCKS CONCRETE PIER  
**Address** : CITY ISLAND  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0128.015 / 1815 **Yr Built/Renovated** :  
**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 2014 - 2017	FY 2018 - 2023
Piers	\$213,200	
<b>Total</b>	<b>\$213,200</b>	
Priority A	\$213,200	
<b>Total</b>	<b>\$213,200</b>	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$52,800			
<b>Total</b>	<b>\$52,800</b>			
Priority A	\$23,400			
Priority C	\$29,400			
<b>Total</b>	<b>\$52,800</b>			



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**FERRY DOCKS CONCRETE PIER**  
**Asset # : 1815**

Piers		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck								
Concrete	10%	4+	\$53,900	LIFE	* *	5	\$1,500	A
Corrosion of Reinforcement, Extent : Severe, Area Affected : 100%								
Location : Throughout Underside Of Deck And Between Bents 7-10								
Spalling, Extent : Severe, Area Affected : 100%								
Location : Throughout Underside Of Deck And Between Bents 7-10								
Concrete	5%	4+	\$27,000	LIFE	* *	5	\$800	A
Spalling, Extent : Moderate, Area Affected : 100%								
Location : Underside Of Deck								
Concrete	85%			LIFE	* *	5	\$13,100	A
Cracking, Extent : Light, Area Affected : 10%								
Location : Throughout Deck Surface And Curbs								
Spalling, Extent : Light, Area Affected : 4%								
Location : Underside And Deck Surface								
Surface Wearing/Scaling, Extent : Light, Area Affected : 100%								
Location : Throughout Surface								
Firewalls								
Concrete	50%	Now	\$14,700	LIFE	* *	5	\$500	C
Broken, Extent : Severe, Area Affected : 100%								
Location : Bents 10 And 19								
Concrete	50%	4+	\$14,700	LIFE	* *	5	\$500	C
Cracking, Extent : Moderate, Area Affected : 25%								
Location : Bents 10 And 19								
Pile Caps								
Timber	10%	4+	\$23,400	LIFE	* *	4	\$6,500	A
Rotting/Splitting, Extent : Severe, Area Affected : 80%								
Location : At North And South Ends Of Caps								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : At North And South Ends Of Caps								
Explanation : Rotting, Splitting								
Timber	90%			LIFE	* *	4	\$58,400	A
Rotting/Splitting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Piles and Bracing								
Timber	40%			LIFE	* *	4-5	\$14,800	A
Rotting/Splitting, Extent : Light, Area Affected : 100%								
Location : Piles Throughout								
Timber	30%	4+	\$132,300	LIFE	* *	4-5	\$11,100	A
Rotting/Splitting, Extent : Moderate, Area Affected : 85%								
Location : Above Mhw Throughout								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Above Mhw Throughout								
Explanation : Rotting, Splitting								
Not Accessible	30%							D
Deck Elements								

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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**FERRY DOCKS CONCRETE PIER**  
**Asset # : 1815**

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

Deck Elements

Railing

Steel

100%

2020

B

*Corrosion, Extent : Light, Area Affected : 10%**Location : Throughout**Displaced Elements, Extent : Light, Area Affected : 50%**Location : East Rail At Inshore Half Of The Pier*

*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 02-Jun-2008 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1 **Lot** : 70 **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Piers	\$142,000	\$175,400
<b>Total</b>	<b>\$142,000</b>	<b>\$175,400</b>
Priority A		\$175,400
Priority B	\$142,000	
<b>Total</b>	<b>\$142,000</b>	<b>\$175,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Piers	\$21,300		\$4,500	
<b>Total</b>	<b>\$21,300</b>		<b>\$4,500</b>	
Priority A	\$21,300			
Priority B			\$4,500	
<b>Total</b>	<b>\$21,300</b>		<b>\$4,500</b>	



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

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

\*\* 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 Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck								
Concrete	2%	Now	\$21,300	LIFE	* *	5	\$1,500	A
	<i>Exposed Reinforcement, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Underdeck East Side, Edge</i>							
Concrete	98%			LIFE	* *	5	\$74,500	A
Pile Caps								
Concrete	25%			LIFE	* *	5	\$700	A
Timber	75%			LIFE	* *	4	\$240,500	A
Piles and Bracing								
Timber	75%			LIFE	* *	4-5	\$137,100	A
Not Accessible	25%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Encased</i>							
Fender Piles								
Timber	10%	Now	\$113,600	2034	* *	4	\$3,600	B
	<i>Broken, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Timber	25%			2028	* *	4	\$9,100	B
Timber	5%	4+	\$28,400	2028	* *	4	\$1,800	B
	<i>Worn, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Not Accessible	60%							D
Deck Elements								
Railing								
Steel	100%			2018				B
Coping/Curb								
Timber	100%			LIFE	* *			B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 31,500 **Project Type** : FERRIES  
**Date of Survey** : 02-Jun-2008 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1 **Lot** : 70 **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Piers	\$110,100	
<b>Total</b>	<b>\$110,100</b>	
Priority B	\$110,100	
<b>Total</b>	<b>\$110,100</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Piers	\$70,700		\$32,800	\$200
<b>Total</b>	<b>\$70,700</b>		<b>\$32,800</b>	<b>\$200</b>
Priority A	\$39,800			
Priority B	\$30,900		\$32,800	\$200
Priority C				
<b>Total</b>	<b>\$70,700</b>		<b>\$32,800</b>	<b>\$200</b>



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

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

\*\* 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**

Piers		Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural									
Deck									
Concrete	1%	Now	\$16,800	LIFE	**	5	\$500	A	
Exposed Reinforcement, Extent : Severe, Area Affected : 100%									
Location : East Side									
Concrete	49%			LIFE	**	5	\$23,500	A	
Not Accessible	50%							D	
Firewalls									
Concrete	70%			LIFE	**	5	\$2,000	C	
Not Accessible	30%							D	
Pile Caps									
Timber	100%			LIFE	**	4	\$202,500	A	
Piles and Bracing									
Timber	2%	4+	\$23,000	LIFE	**	4-5	\$2,300	A	
Broken, Extent : Moderate, Area Affected : 50%									
Location : Throughout									
Timber	38%			LIFE	**	4-5	\$43,900	A	
Not Accessible	60%							D	
Fender									
Buffer									
Rubber	100%			2028	**	4-5	\$24,900	B	
Facing									
Timber	2%	Now	\$24,900	2034	**	3	\$700	B	
Broken, Extent : Severe, Area Affected : 100%									
Location : All									
No Component	98%							D	
Wales and Chocks									
Timber	90%			2028	**	4	\$46,500	B	
Timber	5%	Now	\$23,600	2034	**	4	\$2,600	B	
Broken, Extent : Severe, Area Affected : 100%									
Location : Throughout									
Timber	5%	4+	\$11,800	2028	**	4	\$2,600	B	
Worn, Extent : Moderate, Area Affected : 100%									
Location : Throughout									
Piles									
Timber	10%	Now	\$74,700	2034	**	4	\$2,400	B	
Broken, Extent : Severe, Area Affected : 100%									
Location : Throughout									
Timber	50%			2028	**	4	\$11,900	B	
Not Accessible	40%							D	
Deck Elements									
Coping/Curb									
Concrete	4%			LIFE	**			B	
Concrete	1%	2-4	\$6,000	LIFE	**			B	
Broken, Extent : Moderate, Area Affected : 50%									
Location : North End									
Timber	95%			LIFE	**			B	

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

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

\*\* 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**

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

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 : 02-Jun-2008 Landmark Status : NONE  
Areas Surveyed :  
Block : 1 Lot : 70 BIN :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers	\$208,200	\$117,800
<b>Total</b>	<b>\$208,200</b>	<b>\$117,800</b>
Priority A	\$44,600	\$117,800
Priority B	\$163,500	
<b>Total</b>	<b>\$208,200</b>	<b>\$117,800</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$17,200		\$29,100	
<b>Total</b>	<b>\$17,200</b>		<b>\$29,100</b>	
Priority A				
Priority B	\$17,200		\$29,100	
Priority C				
<b>Total</b>	<b>\$17,200</b>		<b>\$29,100</b>	



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

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

\*\* 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 Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck								
Concrete	60%			LIFE	**	5	\$56,000	A
	<i>Cracking, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Throughout</i>							
Not Accessible	40%							D
Firewalls								
Concrete	70%			LIFE	**	5	\$3,900	C
Not Accessible	30%							D
Pile Caps								
Concrete	2%			LIFE	**	5	\$100	A
Timber	98%			LIFE	**	4	\$385,800	A
Piles and Bracing								
Steel	2%			LIFE	**	5	\$15,400	A
	<i>Corrosion, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Timber	2%	4+	\$44,600	LIFE	**	4-5	\$4,500	A
	<i>Rotting/Splitting, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Timber	36%			LIFE	**	4-5	\$80,800	A
Not Accessible	60%							D
Fender								
Buffer								
Rubber	100%			2028	**	4-5	\$36,400	B
Wales and Chocks								
Timber	45%			2028	**	4	\$33,900	B
Timber	5%	4+	\$17,200	2028	**	4	\$3,800	B
	<i>Worn, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Not Accessible	50%							D
Piles								
Timber	10%	4+	\$54,500	2028	**	4	\$3,500	B
	<i>Worn, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Timber	10%	Now	\$109,000	2034	**	4	\$3,500	B
	<i>Broken, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Timber	40%			2028	**	4	\$13,900	B
Not Accessible	40%							D
Deck Elements								
Coping/Curb								
Concrete	5%			LIFE	**			B
Timber	95%			LIFE	**			B

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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 / 4340 **Yr Built/Renovated** : 1906 / 2000  
**Area Sq Ft** : 31,800 **Project Type** : FERRIES  
**Date of Survey** : 13-May-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 36 **Lot** : 18 **BIN** :

**CAPITAL**

Total

Priority

Total

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers	\$16,500	\$25,500	\$8,900	
<b>Total</b>	<b>\$16,500</b>	<b>\$25,500</b>	<b>\$8,900</b>	
Priority A				
Priority B	\$16,200	\$25,500		
Priority C	\$300		\$8,900	
<b>Total</b>	<b>\$16,500</b>	<b>\$25,500</b>	<b>\$8,900</b>	



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

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

\*\* 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 Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural									
Deck									
	Concrete	5%			LIFE	* *	5	\$2,400	A
	Not Accessible	95%							D
Deck Surface									
	Concrete	100%			2031	* *	5	\$17,800	C
Cracking, Extent : Light, Area Affected : 2%									
Location : Throughout									
Surface Wearing/Scaling, Extent : Light, Area Affected : 10%									
Location : Throughout									
Pile Caps									
	Concrete	2%			LIFE	* *	5		A
Spalling, Extent : Moderate, Area Affected : 5%									
Location : Offshore Structure South Face									
	Not Accessible	98%							D
Piles and Bracing									
	Concrete	5%			LIFE	* *	5	\$4,100	A
	Not Accessible	95%							D
Fender									
Wales and Chocks									
	Timber	75%			2031	* *	4	\$62,900	B
Other Observation, Extent : Light, Area Affected : 10%									
Location : Above Mlw Elevation Throughout									
Explanation : Weathering									
	No Component	25%							D
Piles									
	Timber	35%			2031	* *	4	\$13,600	B
Other Observation, Extent : Light, Area Affected : 10%									
Location : Above Mlw Elevation Throughout									
Explanation : Weathering									
	Timber	5%	2-4	\$16,200	2031	* *	4	\$1,300	B
Loose Connections, Extent : Moderate, Area Affected : 25%									
Location : Single Pile Along Offshore Of Pier									
Missing Pile, Extent : Severe, Area Affected : 1%									
Location : 2 Missing Piles Offshore Face									
	No Component	25%							D
	Not Accessible	35%							D
Pile Cluster									
	Timber	35%	4+	\$300	2023	\$16,200	4	\$600	C
Loose Cable Ties, Extent : Moderate, Area Affected : 50%									
Location : Northeast Cluster									
	Not Accessible	65%							D
Deck Elements									
Railing									
	Steel	100%			2021				B
Corrosion, Extent : Light, Area Affected : 5%									
Location : Throughout									

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

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

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

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : ST. GEORGE FERRY TERMINAL / NORTH WHARF  
**Address** : NORTH SIDE OF TERMINAL BUILDING  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0195.000 / 13901 **Yr Built/Renovated** :  
**Area Sq Ft** : 34,500 **Project Type** : FERRIES  
**Date of Survey** : 02-Jun-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Piers		\$356,400
<b>Total</b>		<b>\$356,400</b>
Priority A		\$356,400
<b>Total</b>		<b>\$356,400</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers				
<b>Total</b>				
Priority A				
<b>Total</b>				



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE FERRY TERMINAL / NORTH WHARF**

**Asset # : 13901**

Piers		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural									
Deck									
	Concrete	100%			LIFE	* *	5	\$52,600	A
Cracking, Extent : Light, Area Affected : 10%									
Location : Isolated Throughout									
Pile Caps									
	Concrete	100%			LIFE	* *	5	\$1,900	A
Cracking, Extent : Light, Area Affected : 10%									
Location : Isolated Throughout									
Piles and Bracing									
	Steel	70%			LIFE	* *	5	\$303,800	A
Corrosion, Extent : Light, Area Affected : 25%									
Location : Above Mlw									
	Not Accessible	30%							D
Coping/Curb									
	Concrete	20%			LIFE	* *			C
Cracking, Extent : Light, Area Affected : 10%									
Location : North End									
	No Component	80%							D
Deck Elements									
Railing									
	Fencing	90%			2026	* *	3		B
	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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : ST. GEORGE FERRY TERMINAL / SOUTH WHARF  
**Address** : SOUTH SIDE OF TERMINAL BUILDING  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0194.000 / 13900 **Yr Built/Renovated** :  
**Area Sq Ft** : 35,300 **Project Type** : FERRIES  
**Date of Survey** : 02-Jun-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Piers	\$57,100	\$288,600
<b>Total</b>	<b>\$57,100</b>	<b>\$288,600</b>
Priority A		\$288,600
Priority B	\$57,100	
<b>Total</b>	<b>\$57,100</b>	<b>\$288,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Piers	\$400	\$16,200	\$11,700	
<b>Total</b>	<b>\$400</b>	<b>\$16,200</b>	<b>\$11,700</b>	
Priority A	\$400			
Priority B		\$16,200		
Priority C			\$11,700	
<b>Total</b>	<b>\$400</b>	<b>\$16,200</b>	<b>\$11,700</b>	



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

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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 Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck								
Concrete	49%			LIFE	* *	5	\$26,400	A
	<i>Cracking, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Isolated Throughout</i>							
Concrete	1%	Now	\$400	LIFE	* *	5	\$500	A
	<i>Defec Exp. Joints, Extent : Severe, Area Affected : 70%</i>							
	<i>Location : North Side Of Asset In Parking Lot</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : North Side Of Asset In Parking Lot</i>							
	<i>Explanation : Expansion Joint Exposed Up To 5 Inches Wide And Possible Safety Hazard</i>							
Not Accessible	50%							D
Deck Surface Asphalt	30%			2031	* *	5	\$9,600	C
	<i>Cracking, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Isolated Throughout</i>							
Concrete	70%			2031	* *	5	\$13,800	C
	<i>Cracking, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Isolated Throughout</i>							
Pile Caps								
Concrete	90%			LIFE	* *	5	\$1,800	A
Timber	10%			LIFE	* *	4	\$22,700	A
Piles and Bracing								
Steel	65%			LIFE	* *	5	\$288,600	A
	<i>Corrosion, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Throughout Tidal Zone</i>							
Timber	10%			LIFE	* *	4-5	\$12,900	A
Not Accessible	25%							D
Fender								
Wales and Chocks								
Timber	75%			2031	* *	4	\$44,400	B
No Component	25%							D
Piles								
Timber	10%	0-2	\$57,100	2037	* *	4	\$1,800	B
	<i>Broken, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : At North End Of Wharf</i>							
Timber	15%			2031	* *	4	\$4,100	B
No Component	25%							D
Not Accessible	50%							D
Deck Elements								
Coping/Curb								
Timber	90%			LIFE	* *			B
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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : ST. GEORGE FERRY TERMINAL FUEL PIER  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0192.020 / 13895 **Yr Built/Renovated** :  
**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

**Total**

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Piers		\$1,500	\$11,500	
<b>Total</b>		<b>\$1,500</b>	<b>\$11,500</b>	
Priority A			\$11,500	
Priority B		\$1,500		
<b>Total</b>		<b>\$1,500</b>	<b>\$11,500</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE FERRY TERMINAL FUEL PIER**  
**Asset # : 13895**

Piers		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck								
Concrete	30%			LIFE	* *	5	\$3,800	A
	<i>Cracking, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Deck Surface Stringers</i>							
Steel	40%			2026	* *	5	\$22,900	A
Not Accessible	30%							D
Pile Caps								
Concrete	70%			LIFE	* *	5	\$300	A
Not Accessible	30%							D
Piles and Bracing								
Concrete	35%			LIFE	* *	5	\$7,600	A
Not Accessible	65%							D
Fender Piles								
Timber	10%			2035	* *	4	\$4,400	B
	<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Isolated On Piles Located Along West Face Only</i>							
No Component	85%							D
Not Accessible	5%							D
Deck Elements								
Railing								
Steel	10%			2021				B
Fiberglass	70%			2026	* *			B
No Component	20%							D

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : BULKHEAD  
**Address** : WHITEHALL FERRY TERMINAL  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0127.020 / 1808 **Yr Built/Renovated** :  
**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 2014	FY 2015	FY 2016	FY 2017
Bulkheads		\$1,800		
<b>Total</b>		<b>\$1,800</b>		
Priority B		\$1,800		
Priority C				
<b>Total</b>		<b>\$1,800</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPARTMENT OF TRANSPORTATION - 841**  
**BULKHEAD**  
**Asset # : 1808**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural									
	Gravity Wall								
	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	\$2,200	B
	Surface Wearing/Scaling, Extent : Light, Area Affected : 5%								
	Location : Isolated								
	Concrete	40%			2035	* *	5	\$1,500	B

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : BULKHEAD @ PIER 26  
**Address** : BETWEEN HUBERT & N. MOORE STS.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0127.030 / 1809 **Yr Built/Renovated** :  
**Linear Ft** : 661 **Project Type** : FERRIES  
**Date of Survey** : 15-Jun-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 184 **Lot** : 8 **BIN** :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bulkheads		\$230,500
<b>Total</b>		<b>\$230,500</b>
Priority B		\$230,500
<b>Total</b>		<b>\$230,500</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$15,100			
<b>Total</b>	<b>\$15,100</b>			
Priority A	\$15,100			
<b>Total</b>	<b>\$15,100</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BULKHEAD @ PIER 26**  
**Asset # : 1809**

Bulkheads		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Stone	25%			LIFE	**	5	\$11,500	A
Stone	5%	4+	\$15,100	LIFE	**	5	\$2,300	A
Broken, Extent : Severe, Area Affected : 50%								
Location : Broken Block At Station 0+00, 0+41, 0+92, And 2+00 (from North)								
Missing Block Seal, Extent : Light, Area Affected : 35%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Throughout 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	\$230,500			B
No Component	60%							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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bulkheads	\$917,700	
<b>Total</b>	<b>\$917,700</b>	
Priority A	\$596,400	
Priority B	\$321,300	
<b>Total</b>	<b>\$917,700</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bulkheads	\$32,800	\$700		
<b>Total</b>	<b>\$32,800</b>	<b>\$700</b>		
Priority A	\$28,800			
Priority B	\$4,000	\$700		
<b>Total</b>	<b>\$32,800</b>	<b>\$700</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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**  
**Asset # : 1792**

Bulkheads		Current Repair		Future Replacement		Maintenance				
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code		
Structural										
Gravity Wall	Concrete	6%	4+	\$28,800	LIFE	* *	5	\$100	A	
		Erosion, Extent : Severe, Area Affected : 100%								
		Location : At Vertical Joints Station 0+00 To 3+90 (from North)								
	Concrete	46%			LIFE	* *	5	\$1,000	A	
		Erosion, Extent : Light, Area Affected : 30%								
Timber Crib w/Stone		Location : In Tidal Zone Station 0+00 To 3+90 (from North)								
	Timber Crib w/Stone	7%			LIFE	* *	4	\$1,100	A	
		Rotting/Splitting, Extent : Light, Area Affected : 30%								
		Location : Tidal Zone Station 3+90 To 4+35 (from North)								
		Other Observation, Extent : Moderate, Area Affected : 10%								
Timber Crib w/Stone		Location : Tidal Zone Station 3+90 To 4+35 (from North)								
	Timber Crib w/Stone	18%	Now	\$313,700	LIFE	* *	4	\$2,800	A	
		Other Observation, Extent : Severe, Area Affected : 100%								
		Location : Station 5+20 To 6+35 (from North)								
		Explanation : Collapsed, Missing								
No Component	13%								D	
	Not Accessible	10%							D	
Pile Supported Wall										
Timber	Timber	13%	Now	\$237,000	LIFE	* *	4	\$500	A	
		Other Observation, Extent : Severe, Area Affected : 100%								
		Location : Station 4+35 To 5+20 (from North)								
		Explanation : Collapsed, Missing								
	No Component	87%								D
Piles and Bracing										
Timber	Timber	13%	Now	\$45,700	2037	* *	4	\$10,400	A	
		Rotting/Splitting, Extent : Severe, Area Affected : 100%								
		Location : Station 4+35 To 5+20 (from North)								
	No Component	87%								D
	Backfill									
Fill										
Stone	Stone	31%	Now	\$50,100	LIFE	* *	5	\$200	B	
		Loss of Backfill, Extent : Severe, Area Affected : 100%								
		Location : Station 4+35 To 6+35 (from North)								
	Not Accessible	69%								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**  
**DOT HARPER ST. FLEET FACILITY TIMBER BULKHEAD**

**Asset # : 1792**

Bulkheads		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill								
Surface								
Asphalt	11%			2025	* *	5	\$700	B
	Cracking, Extent : Light, Area Affected : 5%							
	Location : Station 0+00 To 4+35 (from North)							
Topsoil	31%	Now	\$4,000	2022	\$10,000	5	\$400	B
	Missing Part, Extent : Severe, Area Affected : 100%							
	Location : Station 4+35 To 6+35 (from North)							
Topsoil	31%			2020	\$10,000	5	\$800	B
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Station 0+00 To 4+35 (from North)							
	Explanation : Vegetation							
Not Accessible	27%							D
Fender								
Piles								
Timber	100%	Now	\$112,200	2037	* *	4	\$12,800	B
	Broken, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
	Missing Part, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
Wales and Chocks								
Timber	100%	Now	\$159,000	2037	* *	4	\$29,000	B
	Missing Part, Extent : Severe, Area Affected : 100%							
	Location : Throughout							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : FERRY DOCKS RIP-RAP DEBRIS  
**Address** : CITY ISLAND  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0128.016 / 1816 **Yr Built/Renovated** :  
**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

**Total**

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
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Bulkheads

**Total**

Priority A

Priority B

Priority C

**Total**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FERRY DOCKS RIP-RAP DEBRIS**  
**Asset # : 1816**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural									
	Gravity Wall								
	Stone	75%			LIFE	* *	5	\$2,900	A
	No Component	25%							D
Revetment									
	Stone	25%			LIFE	* *	5	\$100	C
	No Component	75%							D
Backfill									
	Fill								
	Sand	100%			2042	* *	5	\$100	B

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bulkheads	\$112,700	
<b>Total</b>	<b>\$112,700</b>	
Priority A	\$112,700	
<b>Total</b>	<b>\$112,700</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bulkheads	\$53,200	\$200		\$18,800
<b>Total</b>	<b>\$53,200</b>	<b>\$200</b>		<b>\$18,800</b>
Priority A	\$12,700			\$18,800
Priority B	\$40,400	\$200		
Priority C				
<b>Total</b>	<b>\$53,200</b>	<b>\$200</b>		<b>\$18,800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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 Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Piles and Bracing								
Timber	100%			2025	* *	4	\$37,600	A
	Rotting/Splitting, Extent : Light, Area Affected : 20%							
	Location : In Tidal Zone							
Revetment								
Stone	70%			LIFE	* *	5	\$1,100	C
No Component	30%							D
Sheet Piles								
Timber	50%			LIFE	* *	4	\$2,400	A
	Rotting/Splitting, Extent : Light, Area Affected : 30%							
	Location : In Tidal Zone							
Timber	45%	4+	\$96,600	LIFE	* *	4	\$2,100	A
	Rotting/Splitting, Extent : Moderate, Area Affected : 50%							
	Location : Tidal Zone							
Timber	5%	2-4	\$16,100	LIFE	* *	4	\$200	A
	Rotting/Splitting, Extent : Severe, Area Affected : 50%							
	Location : Tidal Zone							
Wales								
Timber	70%			LIFE	* *	4	\$2,600	A
	Rotting/Splitting, Extent : Light, Area Affected : 10%							
	Location :							
Timber	15%	4+	\$6,400	LIFE	* *	4	\$600	A
	Rotting/Splitting, Extent : Moderate, Area Affected : 75%							
	Location : In Tidal Zone							
Timber	15%	2-4	\$6,400	LIFE	* *	4	\$600	A
	Rotting/Splitting, Extent : Severe, Area Affected : 75%							
	Location : In Tidal Zone At Southeast							
Backfill								
Fill								
Sand	20%	Now	\$12,600	2052	* *	5		B
	Settlement, Extent : Severe, Area Affected : 100%							
	Location : Sinkholes Station 0+00 To 0+85 And 1+99 To 3+10 (from South)							
Stone	20%	Now	\$15,200	LIFE	* *	5		B
	Erosion, Extent : Severe, Area Affected : 50%							
	Location : Fill Loss Behind Bulkhead Throughout							
Not Accessible	60%							D
Surface								
Sand	40%	Now	\$12,600	2037	* *	2-5	\$200	B
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Throughout							
	Explanation : Sinkholes Inshore Of Sheetpile Bulkhead							
Sand	60%			2035	* *	2-5	\$500	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : ST. GEORGE FERRY TERMINAL / CONCRETE BULKHEAD  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0131.020 / 1798 **Yr Built/Renovated** :  
**Linear Ft** : 2,940 **Project Type** : FERRIES  
**Date of Survey** : 01-Jun-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bulkheads	\$358,400	
<b>Total</b>	<b>\$358,400</b>	
Priority A	\$310,800	
Priority B	\$47,600	
<b>Total</b>	<b>\$358,400</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bulkheads	\$59,600	\$200	\$13,200	
<b>Total</b>	<b>\$59,600</b>	<b>\$200</b>	<b>\$13,200</b>	
Priority A	\$26,900			
Priority B	\$25,200	\$200	\$13,200	
Priority C	\$7,500			
<b>Total</b>	<b>\$59,600</b>	<b>\$200</b>	<b>\$13,200</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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 Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Coping/Curb								
Timber	4%	2-4	\$6,000	LIFE	* *	5	\$100	C
	Rotting/Splitting, Extent : Light, Area Affected : 40%							
	Location : Station 9+40 To 10+50 ( From South)							
Timber	1%	Now	\$1,500	LIFE	* *	5		C
	Broken, Extent : Severe, Area Affected : 100%							
	Location : East Of South Wharf For 30 Ft ( Station 9+10 To 9+40 From South)							
No Component	95%							D
Gravity Wall								
Concrete	30%			LIFE	* *	5	\$2,900	A
	Cracking, Extent : Light, Area Affected : 15%							
	Location : Throughout							
	Erosion, Extent : Light, Area Affected : 20%							
	Location : Throughout							
	Spalling, Extent : Light, Area Affected : 15%							
	Location : Top Of Wall							
Concrete	7%	4+	\$151,200	LIFE	* *	5	\$700	A
	Cracking, Extent : Moderate, Area Affected : 5%							
	Location : Throughout							
	Erosion, Extent : Moderate, Area Affected : 30%							
	Location : Under Slips 4, 5, And 6							
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : Top Of Wall							
Stone	16%			LIFE	* *	5	\$32,600	A
	Broken, Extent : Light, Area Affected : 2%							
	Location : Block Corners Throughout							
	Missing Block Seal, Extent : Light, Area Affected : 30%							
	Location : Throughout							
	Spalling, Extent : Moderate, Area Affected : 15%							
	Location : Station 1+79 To 4+95 ( From South)							
Stone	1%	2-4	\$26,900	LIFE	* *	5	\$2,000	A
	Displaced Elements, Extent : Moderate, Area Affected : 10%							
	Location : Throughout From Station 4+50 To 7+00							
Not Accessible	46%							D
Revetment								
Stone	8%			LIFE	* *	5	\$1,200	C
No Component	92%							D
Sheet Piles								
Steel	1%	Now	\$159,600	LIFE	* *			A
	Corrosion, Extent : Severe, Area Affected : 100%							
	Location : Between Slips 3 And 4							
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**

**Asset # : 1798**

Bulkheads		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Backfill								
Surface								
Asphalt	85%			2031	* *	5	\$23,300	B
	Cracking, Extent : Light, Area Affected : 30%							
	Location : Throughout And Station 0+00 To 7+45 ( From South)							
Asphalt Pavers	2%			2031	* *	5	\$600	B
Concrete	9%			2031	* *	5	\$2,500	B
Topsoil	4%			2020	\$5,800	5	\$500	B
Fender								
Piles								
Timber	5%	Now	\$25,200	2037	* *	4	\$2,900	B
	Rotting/Splitting, Extent : Moderate, Area Affected : 2%							
	Location : From Station 9+10 To 11+15 ( From South)							
No Component	90%							D
Not Accessible	5%							D
Wales and Chocks								
Timber	10%	Now	\$47,600	2035	* *	4	\$13,100	B
	Rotting/Splitting, Extent : Moderate, Area Affected : 10%							
	Location : From Station 9+10 To 11+15 ( From South)							
No Component	90%							D

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 06-Apr-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 665 **Lot** : 999 **BIN** :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Bulkheads		\$134,600
<b>Total</b>		<b>\$134,600</b>
Priority B		\$134,600
<b>Total</b>		<b>\$134,600</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$38,400			
<b>Total</b>	<b>\$38,400</b>			
Priority A	\$17,900			
Priority B	\$20,500			
Priority C				
<b>Total</b>	<b>\$38,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BULKHEAD @ PIER 79**  
**Asset # : 4339**

Bulkheads		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Relieving Platform Top Concrete	30%	4+	\$17,900	LIFE	* *	5	\$700	A
Erosion, Extent : Light, Area Affected : 10%								
Location : Offshore Face Positioned In Tidal Zone								
Not Accessible	70%							D
Coping/Curb Timber	20%			LIFE	* *	5	\$100	C
Rotting/Splitting, Extent : Light, Area Affected : 5%								
Location : Isolated Throughout								
No Component	80%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt	30%			2033	* *	5	\$2,200	B
Not Accessible	70%							D
Deck Elements								
Railing								
Guard Rail	10%	4+	\$5,100	LIFE	* *			B
Cracking, Extent : Light, Area Affected : 5%								
Location : Isolated Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Isolated Throughout								
Explanation : Small And Medium Spalls								
Steel	15%	4+	\$2,000	2019	\$101,000			B
Other Observation, Extent : Light, Area Affected : 10%								
Location : Isolated Throughout								
Explanation : Coating Loss And Minor Corrosion								
Steel	5%	0-2	\$13,500	2020	\$33,700			B
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Isolated								
Explanation : Broken At Baseplate Or Fastener To Posts								
No Component	70%							D

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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 2014 - 2017	FY 2018 - 2023
Bulkheads	\$510,900	
<b>Total</b>	<b>\$510,900</b>	
Priority A	\$510,900	
<b>Total</b>	<b>\$510,900</b>	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$6,400	\$1,700		
<b>Total</b>	<b>\$6,400</b>	<b>\$1,700</b>		
Priority A				
Priority B	\$6,400	\$1,700		
<b>Total</b>	<b>\$6,400</b>	<b>\$1,700</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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**

**Asset # : 1791**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		Code
Structural									
	Gravity Wall								
	Concrete	10%	0-2	\$112,300	LIFE	* *	5	\$100	A
		Erosion, Extent : Severe, Area Affected : 100%							
		Location : Station 0+00 To 0+30, 0+62 To 0+67, 2+70 To 2+80 ( from North) And At South End							
	Concrete	35%	Now	\$393,000	LIFE	* *	5	\$400	A
		Missing Part, Extent : Severe, Area Affected : 66%							
		Location : Stations 1+13 To 2+12 (from North)							
		Spalling, Extent : Severe, Area Affected : 33%							
		Location : Southern 50 Ft							
	Concrete	10%	4+	\$5,600	LIFE	* *	5	\$100	A
		Erosion, Extent : Moderate, Area Affected : 25%							
		Location : Throughout Above Mhw							
		Spalling, Extent : Moderate, Area Affected : 75%							
		Location : Throughout Above Mhw							
	Concrete	45%			LIFE	* *	5	\$600	A
		Erosion, Extent : Light, Area Affected : 75%							
		Location : Throughout On Wall Face							
Backfill									
	Fill								
	Stone	5%	Now	\$2,800	LIFE	* *	5		B
		Loss of Backfill, Extent : Severe, Area Affected : 100%							
		Location : Station 1+13 To 1+90 (from North)							
	Topsoil	3%	Now	\$1,300	2062	* *			B
		Other Observation, Extent : Severe, Area Affected : 100%							
		Location : Station 1+13 To 1+90 (from North)							
		Explanation : Loss Of Backfill							
	Not Accessible	92%							D
Surface									
	Asphalt	93%			2025	* *	5	\$3,300	B
		Cracking, Extent : Light, Area Affected : 10%							
		Location : Throughout							
		Settlement, Extent : Light, Area Affected : 2%							
		Location : North End							
	Asphalt	7%	Now	\$2,200	2037	* *	5	\$100	B
		Missing Part, Extent : Severe, Area Affected : 100%							
		Location : Station 1+13 To 2+10 (from North)							
		Settlement, Extent : Severe, Area Affected : 5%							
		Location : Sinkhole At Sta 0+65							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bulkheads	\$253,100	\$1,410,100
<b>Total</b>	<b>\$253,100</b>	<b>\$1,410,100</b>
Priority A	\$253,100	\$70,800
Priority B		\$1,339,300
<b>Total</b>	<b>\$253,100</b>	<b>\$1,410,100</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bulkheads	\$25,200			\$7,000
<b>Total</b>	<b>\$25,200</b>			<b>\$7,000</b>
Priority A	\$300			
Priority B	\$24,900			\$7,000
<b>Total</b>	<b>\$25,200</b>			<b>\$7,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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 Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Gravity Wall								
Conc w/Stone Face	10%	Now	\$196,500	LIFE	* *	5	\$14,200	A
	Missing Block Seal, Extent : Severe, Area Affected : 50%							
	Location : At Stations 2+40 To 2+60, 2+80 To 3+00, 3+20 To 3+40, 5+35 To 5+55 From North End And Isolated Throughout							
Conc w/Stone Face	40%			LIFE	* *	5	\$113,300	A
	Cracking, Extent : Light, Area Affected : 2%							
	Location : Throughout							
Concrete	5%			LIFE	* *	5-10	\$600	A
	Erosion, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
Not Accessible	45%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	48%			2032	* *	5	\$8,600	B
	Settlement, Extent : Light, Area Affected : 10%							
	Location : Throughout							
Asphalt Pavers	1%	Now	\$10,800	2038	* *	5	\$100	B
	Settlement, Extent : Severe, Area Affected : 20%							
	Location : Station 5+45 From North							
Asphalt Pavers	1%	4+	\$10,800	2038	* *	5	\$100	B
	Settlement, Extent : Moderate, Area Affected : 40%							
	Location : Stations 15+00 And 16+17 From North							
Concrete	30%			2032	* *	5	\$5,400	B
	Cracking, Extent : Moderate, Area Affected : 70%							
	Location : Throughout							
	Settlement, Extent : Moderate, Area Affected : 70%							
	Location : Throughout							
Not Accessible	20%							D
Deck Elements								
Railing								
Steel	79%			2021	\$1,322,600			B
	Other Observation, Extent : Light, Area Affected : 15%							
	Location : Throughout							
	Explanation : Coating Loss							
Steel	1%	Now	\$3,300	2021	\$16,700			B
	Other Observation, Extent : Severe, Area Affected : 10%							
	Location : Station 4+83 From North							
	Explanation : Broken							
No Component	20%							D

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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  
**Program / Asset #** : DOT0130.011 / 1793 **Yr Built/Renovated** :  
**Linear Ft** : 520 **Project Type** : HIGHWAYS  
**Date of Survey** : 15-Dec-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 625 **Lot** : 2 **BIN** :

**CAPITAL**

Total

Priority

Total

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$58,100		\$6,800	\$400
<b>Total</b>	<b>\$58,100</b>		<b>\$6,800</b>	<b>\$400</b>
Priority A	\$27,700			
Priority B	\$30,100		\$6,800	\$400
Priority C	\$200			
<b>Total</b>	<b>\$58,100</b>		<b>\$6,800</b>	<b>\$400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**DOT ASPHALT PLANT RELIEVING PLATFORM**  
**Asset # : 1793**

Bulkheads		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Relieving Platform Top Concrete	10%	4+	\$16,000	LIFE	* *	5	\$200	A
	Spalling, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Concrete	90%			LIFE	* *	5-10	\$2,900	A
Coping/Curb								
Timber	100%			LIFE	* *	5	\$500	C
Piles and Bracing								
Concrete	10%			LIFE	* *	5	\$500	A
Steel	15%			LIFE	* *	5	\$19,700	A
	Corrosion, Extent : Moderate, Area Affected : 30%							
	Location : Splash Zone							
Not Accessible	75%							D
Pile Caps								
Concrete	10%			LIFE	* *	5	\$300	A
Not Accessible	90%							D
Backfill								
Surface								
Asphalt	15%			2032	* *	5	\$700	B
Topsoil	10%			2021	\$2,600	5	\$200	B
Not Accessible	75%							D
	Other Observation, Extent : Light, Area Affected : 0%							
	Location :							
	Explanation : Relieving Platform Surface Covered With Crushed Stone.							
Fender								
Piles								
Timber	25%			2032	* *	4	\$2,500	B
	Worn, Extent : Moderate, Area Affected : 30%							
	Location : Throughout							
Timber	15%	Now	\$13,400	2038	* *	4	\$1,500	B
	Broken, Extent : Severe, Area Affected : 100%							
	Location : Throughout							
Timber	15%	2-4	\$13,400	2038	* *	4	\$1,500	B
	Worn, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
Not Accessible	45%							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**  
**DOT ASPHALT PLANT RELIEVING PLATFORM**  
**Asset # : 1793**

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Wales and Chocks								
Timber	47%			2032	* *	4	\$10,800	B
	<i>Worn, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Timber	1%	Now	\$1,300	2038	* *	4	\$200	B
	<i>Broken, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Timber	2%	2-4	\$2,100	2036	* *	4	\$500	B
	<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Not Accessible	50%							D

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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 2014 - 2017	FY 2018 - 2023
Bulkheads	\$117,800	
<b>Total</b>	<b>\$117,800</b>	
Priority A	\$117,800	
<b>Total</b>	<b>\$117,800</b>	

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads				\$100
<b>Total</b>				<b>\$100</b>
Priority B				\$100
<b>Total</b>				<b>\$100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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**

**Asset # : 1794**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Structural									
Sheet Piles									
Steel	35%	Now	\$58,900	LIFE		* *		A	
	Broken, Extent : Severe, Area Affected : 100%								
	Location : Broken/missing								
Steel	35%	4+	\$58,900	LIFE		* *		A	
	Corrosion, Extent : Severe, Area Affected : 75%								
	Location : Splash Zone								
Not Accessible	30%							D	
Backfill									
Fill									
Not Accessible	100%							D	
Surface									
Concrete	50%			2032		* *	5	\$100	B
Topsoil	50%			2022		\$800	5	\$100	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bulkheads	\$453,100	\$41,500
<b>Total</b>	<b>\$453,100</b>	<b>\$41,500</b>
Priority B		\$41,500
Priority C	\$453,100	
<b>Total</b>	<b>\$453,100</b>	<b>\$41,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bulkheads		\$1,600		
<b>Total</b>		<b>\$1,600</b>		
Priority B		\$1,600		
Priority C				
<b>Total</b>		<b>\$1,600</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**DOT FACILITY BULKHEAD**  
**Asset # : 1795**

Bulkheads		Current Repair			Future Replacement		Maintenance		
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural									
	Revetment								
	Asphalt remnants	20%			LIFE	* *	5	\$100	C
	Stone	80%	Now	\$453,100	LIFE	* *	5	\$3,300	C
	Other Observation, Extent : Severe, Area Affected : 80%								
	Location : West Of Station 0+75								
	Explanation : Insufficient Armor / Slope Exceeds 1:1								
Backfill									
	Fill								
	Not Accessible	100%							D
	Surface								
	Topsoil	100%			2020	\$41,500	5	\$3,200	B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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 #** : DOT0130.030 / 1796 **Yr Built/Renovated** :  
**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 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$5,600			
<b>Total</b>	<b>\$5,600</b>			
Priority A	\$5,600			
<b>Total</b>	<b>\$5,600</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**DOT FACILITY/STEEL BULKHEAD UNDER WILLIAMSBURG BRIDGE**  
**Asset # : 1796**

Bulkheads		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Sheet Piles								
Steel	20%			LIFE	* *	10		A
	Corrosion, Extent : Light, Area Affected : 25%							
	Location : Throughout							
Not Accessible	80%							D
Wales								
Steel	100%			LIFE	* *	5	\$10,300	A
	Corrosion, Extent : Moderate, Area Affected : 100%							
	Location : Throughout							
Pile Caps								
Concrete	65%			LIFE	* *	5	\$900	A
	Recent Replace Evident, Extent : Light, Area Affected : 100%							
	Location : Throughout							
No Component	35%							D
Backfill								
Fill								
Under Construction	100%							D
Surface								
Under Construction	100%							D

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : GRAVITY WALL AT HALLETS COVE  
**Address** : 30TH DRIVE TO JUST SOUTH OF 31 AVENUE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0196.000 / 14022 **Yr Built/Renovated** :  
**Linear Ft** : 515 **Project Type** : HIGHWAYS  
**Date of Survey** : 09-Apr-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 499 **Lot** : 51 **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bulkheads		\$171,600
<b>Total</b>		<b>\$171,600</b>
Priority B		\$171,600
<b>Total</b>		<b>\$171,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bulkheads	\$1,700		\$400	\$1,400
<b>Total</b>	<b>\$1,700</b>		<b>\$400</b>	<b>\$1,400</b>
Priority A	\$1,700			
Priority B			\$400	\$1,400
<b>Total</b>	<b>\$1,700</b>		<b>\$400</b>	<b>\$1,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAVITY WALL AT HALLETS COVE**  
**Asset # : 14022**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural									
	Gravity Wall								
	Concrete	100%			LIFE	* *	5-10	\$3,400	A
		Cracking, Extent : Light, Area Affected : 2%							
		Location : Throughout							
		Spalling, Extent : Light, Area Affected : 2%							
		Location : Throughout							
Backfill									
	Fill								
	Not Accessible	100%							D
	Surface								
	Concrete	60%			2032	* *	5	\$2,900	B
	Topsoil	40%			2021	\$10,100	5	\$800	B
Deck Elements									
	Railing								
	Aluminum	100%			2022	\$171,600			B
	Parapet								
	Concrete	100%			2024	* *			B

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 21-Apr-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1474 **Lot** : 60 **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bulkheads	\$1,043,300	\$161,700
<b>Total</b>	<b>\$1,043,300</b>	<b>\$161,700</b>
Priority A	\$1,043,300	\$80,200
Priority B		\$81,500
<b>Total</b>	<b>\$1,043,300</b>	<b>\$161,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bulkheads	\$18,900	\$1,100		
<b>Total</b>	<b>\$18,900</b>	<b>\$1,100</b>		
Priority A	\$18,900			
Priority B		\$1,100		
<b>Total</b>	<b>\$18,900</b>	<b>\$1,100</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RELIEVING PLATFORM**  
**Asset # : 4341**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority Code</b>
<b>Structural</b>								
Relieving Platform Top Concrete	20%	4+	\$18,900	LIFE	* *	5	\$700	A
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Along Top Edge</i>								
Under Construction	80%							D
<b>Pile Supported Wall</b>								
Conc w/Stone Face	25%	2-4	\$199,100	LIFE	* *	5	\$20,000	A
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughouht Above Granite Fascia Panels</i>								
<i>Explanation : Erosion On Concrete</i>								
Conc w/Stone Face	10%	Now	\$637,100	LIFE	* *	5	\$8,000	A
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Along Bottom Half Of Wall</i>								
<i>Explanation : Missing Granite Fascia Panel</i>								
Conc w/Stone Face	65%	4+	\$207,100	LIFE	* *	5	\$52,100	A
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Above Granite Fascia Panels</i>								
<i>Explanation : Erosion</i>								
Piles and Bracing Not Accessible	100%							D
<b>Backfill</b>								
<b>Fill</b>								
Not Accessible	20%							D
Under Construction	80%							D
<b>Surface</b>								
Asphalt Pavers	20%			2035	* *	5	\$2,300	B
Under Construction	80%							D
<b>Deck Elements</b>								
<b>Railing</b>								
Aluminum	20%			2020	\$81,500			B
Under Construction	80%							D

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bulkheads		\$166,600
<b>Total</b>		<b>\$166,600</b>
Priority B		\$166,600
<b>Total</b>		<b>\$166,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bulkheads	\$31,600		\$1,300	\$1,100
<b>Total</b>	<b>\$31,600</b>		<b>\$1,300</b>	<b>\$1,100</b>
Priority A	\$12,800			
Priority B	\$18,700		\$1,300	\$1,100
<b>Total</b>	<b>\$31,600</b>		<b>\$1,300</b>	<b>\$1,100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RELIEVING PLATFORM**  
**Asset # : 4342**

Bulkheads		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Relieving Platform Top Concrete/Stone	2%	4+	\$2,100	LIFE	**			A
	Erosion, Extent : Moderate, Area Affected : 10%							
	Location : Isolated At Top Of Bulkhead Throughout							
	Spalling, Extent : Moderate, Area Affected : 10%							
	Location : Isolated At Top Of Bulkhead Throughout							
Concrete/Stone	2%	Now	\$4,100	LIFE	**			A
	Missing Part, Extent : Severe, Area Affected : 20%							
	Location : At Stations 3+50 And 4+30 From North							
Concrete/Stone	96%			LIFE	**	10		A
	Cracking, Extent : Light, Area Affected : 5%							
	Location : Throughout							
Piles and Bracing Not Accessible	100%							D
Lowlevel Pile Caps Timber	5%	Now	\$6,600	LIFE	**			A
	Rotting/Splitting, Extent : Severe, Area Affected : 50%							
	Location : Along Bulkhead Face Throughout							
Not Accessible	95%							D
Backfill								
Fill								
Not Accessible	45%							D
Under Construction	55%							D
Surface								
Asphalt	45%			2032	**	5	\$2,300	B
Under Construction	55%							D
Fender								
Piles								
Timber	20%	Now	\$18,700	2038	**	4	\$2,100	B
	Broken, Extent : Severe, Area Affected : 100%							
	Location : Throughout							
	Rotting/Splitting, Extent : Severe, Area Affected : 10%							
	Location : Throughout							
Timber	25%			2032	**	4	\$2,700	B
No Component	10%							D
Not Accessible	45%							D
Deck Elements								
Railing								
Steel	35%			2021	\$166,600			B
Under Construction	65%							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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : **REVTMENT - 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** : **23-Mar-2010** **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** : **2186** **Lot** : **9** **BIN** :

**CAPITAL****Total**

Priority

**Total**

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Bulkheads	\$23,400			
<b>Total</b>	<b>\$23,400</b>			
Priority B	\$4,100			
Priority C	\$19,300			
<b>Total</b>	<b>\$23,400</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**REVTMENT - RIPRAP BULKHEAD**  
**Asset # : 13798**

Bulkheads		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Structural								
Revetment								
Stone	95%	4+	\$9,400	LIFE	* *	5	\$1,400	C
	Erosion, Extent : Moderate, Area Affected : 85%							
	Location : Throughout							
	Other Observation, Extent : Moderate, Area Affected : 5%							
	Location : Throughout							
	Explanation : Non-engineered; Inadequate Placement, Protection; Concrete Debris							
Stone	5%	0-2	\$9,900	LIFE	* *	5	\$100	C
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : At Southern Asset Boundary							
	Explanation : Non-engineered; Inadequate Placement, Protection							
Backfill								
Fill								
Topsoil	20%	4+	\$1,200	2049	* *			B
	Other Observation, Extent : Moderate, Area Affected : 30%							
	Location : Northern 150 Ft Of Asset							
	Explanation : Erosion Above Rip Rap Revetment							
Not Accessible	80%							D
Surface								
Topsoil	100%	4+	\$2,900	2019	\$14,500	5	\$600	B
	Erosion, Extent : Moderate, Area Affected : 20%							
	Location : Northern 150 Ft Of Asset							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** : 31-Mar-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Bulkheads	\$596,800	
<b>Total</b>	<b>\$596,800</b>	
Priority A	\$423,300	
Priority B	\$173,500	
<b>Total</b>	<b>\$596,800</b>	

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Bulkheads	\$78,000	\$700		
<b>Total</b>	<b>\$78,000</b>	<b>\$700</b>		
Priority A	\$13,100			
Priority B	\$38,200	\$700		
Priority C	\$26,700			
<b>Total</b>	<b>\$78,000</b>	<b>\$700</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Coping/Curb								
Timber	100%	Now	\$26,700	LIFE	* *	5	\$200	C
	<i>Displaced Elements, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Piles and Bracing								
No Component	40%							D
Not Accessible	60%							D
Sheet Piles								
Steel	25%			LIFE	* *			A
	<i>Rusted Steel Surface, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Tidal Zone. Multiple Holes Thru Sheeting</i>							
Steel	15%	Now	\$423,300	LIFE	* *			A
	<i>Corrosion, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Tidal Zone</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Tidal Zone</i>							
	<i>Explanation : Hole With Active Fill Loss</i>							
Not Accessible	60%							D
Pile Caps								
Concrete	100%	4+	\$13,100	LIFE	* *	5	\$1,300	A
	<i>Cracking, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Horizontal Crack Sta 0+90 (length = 20'0"); General Outboard Face Map</i>							
	<i>Cracking</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : Sta. 0+65 (from South); Length = 10'0"</i>							
	<i>Other Observation, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Along Top Of Outboard Face</i>							
	<i>Explanation : Impact Spalls</i>							
Backfill								
Fill								
Topsoil	30%	Now	\$30,600	2061	* *			B
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Sta 3+10 To 4+50</i>							
	<i>Explanation : Fill Loss Through Deteriorated Steel Sheet Pile</i>							
Not Accessible	70%							D
Surface								
Topsoil	70%			2020	\$17,900	5	\$1,400	B
Topsoil	30%	Now	\$7,700	2021	\$7,700	5	\$300	B
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Sta 3+10 To 4+50</i>							
	<i>Explanation : Fill Loss</i>							
Fender								
Piles								
Timber	100%	Now	\$89,200	2036	* *	4	\$10,200	B
	<i>Displaced Elements, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							

Note : 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**  
**BULKHEAD NORTH OF UNIVERSITY HEIGHTS BRIDGE**  
**Asset # : 14496**

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		Code

Fender

Wales and Chocks

Timber

100%

Now

\$84,300

2036

\* \*

4

\$23,100

B

*Displaced Elements, Extent : Severe, Area Affected : 100%**Location : Throughout*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE  
**Address** : SOUTH STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0192.000 / 13891 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,000 **Project Type** : FERRIES  
**Date of Survey** : 12-May-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Marinas/Docks	\$103,800	\$37,400
<b>Total</b>	<b>\$103,800</b>	<b>\$37,400</b>
Priority A	\$103,800	\$37,400
<b>Total</b>	<b>\$103,800</b>	<b>\$37,400</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Marinas/Docks	\$34,500	\$400	\$7,600	\$2,800
<b>Total</b>	<b>\$34,500</b>	<b>\$400</b>	<b>\$7,600</b>	<b>\$2,800</b>
Priority A	\$22,600			
Priority B	\$11,900	\$400	\$7,600	\$2,800
<b>Total</b>	<b>\$34,500</b>	<b>\$400</b>	<b>\$7,600</b>	<b>\$2,800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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 Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Access Walkways								
Gangways								
Aluminum	75%			2052	* *	1-3	\$24,800	B
Aluminum	25%	Now	\$11,600	2048	* *	1-3	\$8,200	B
Handrail Damage, Extent : Severe, Area Affected : 10%								
Location : Security Gate Dislodged At Top Of Southern Gangway								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Shore Access Gangway Dislodged From Connections And Out Of Alignment								
Explanation : Displacement								
Floating Docks								
Fenders								
Rubber	100%			2021		1-2		C
Worn, Extent : Light, Area Affected : 20%								
Location : Above Waterline Throughout								
Barge								
Steel	75%			2035	* *	5		A
Corrosion, Extent : Light, Area Affected : 10%								
Location : Above Waterline And In Splash Zone								
Other Observation, Extent : Light, Area Affected : 2%								
Location : At Gangway Landings								
Explanation : Abrasion								
Not Accessible	25%							D
Deck Elements								
Railing								
Steel	100%			2021				A
Electrical								
Conduit								
PVC	95%			2019	\$35,600			A
PVC	5%	Now	\$1,900	2020	\$1,900			A
Other Observation, Extent : Severe, Area Affected : 100%								
Location : At Gangway Landing At Southern Barge								
Explanation : Broken								
Lighting Fixture								
Incandescent	20%	Now	\$20,800	2017	\$20,800			A
Other Observation, Extent : Severe, Area Affected : 100%								
Location : On South Barge And At Transition Gangway								
Explanation : Broken/ Missing								
Incandescent	80%			2017	\$83,000			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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : CITY ISLAND FERRY DOCK  
**Address** : FORDHAM STREET  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0128.000 / 13923 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,000 **Project Type** : FERRIES  
**Date of Survey** : 10-Jun-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Marinas/Docks	\$597,400	\$470,300
<b>Total</b>	<b>\$597,400</b>	<b>\$470,300</b>
Priority A	\$597,400	\$470,300
<b>Total</b>	<b>\$597,400</b>	<b>\$470,300</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Marinas/Docks	\$63,500	\$500		\$3,700
<b>Total</b>	<b>\$63,500</b>	<b>\$500</b>		<b>\$3,700</b>
Priority A	\$63,500	\$500		\$3,700
<b>Total</b>	<b>\$63,500</b>	<b>\$500</b>		<b>\$3,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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 Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Access Walkways								
Deck								
Timber	45%			2020	\$38,500	5	\$1,000	A
	Surface Wearing/Scaling, Extent : Light, Area Affected : 100%							
	Location : Throughout Top Of Deck							
Timber	5%	4+	\$4,300	2022	\$4,300	5	\$100	A
	Rotting, Extent : Moderate, Area Affected : 50%							
	Location : Throughout Timber Curb							
Not Accessible	50%							D
Pile Caps								
Timber	60%			2042	* *	4		A
	Splitting, Extent : Light, Area Affected : 10%							
	Location : Isolated Throughout							
Not Accessible	40%							D
Piles and Bracing								
Timber	7%	4+	\$3,300	2042	* *	4-5	\$400	A
	Rotting, Extent : Moderate, Area Affected : 100%							
	Location : Above Mhw							
Timber	73%			2042	* *	4-5	\$8,200	A
Not Accessible	20%							D
Fender								
Piles								
Timber	35%	2-4	\$350,600	2027	* *			A
	Other Observation, Extent : Moderate, Area Affected : 40%							
	Location : Throughout							
	Explanation : Rotting, Splitting							
Timber	15%	Now	\$150,300	2027	* *			A
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
	Explanation : Broken							
Timber	20%			2020	\$200,300			A
Not Accessible	30%							D
Wales and Chocks								
Timber	35%	Now	\$39,800	2023	\$79,500			A
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
	Explanation : Rotting, Splitting							
Timber	50%	2-4	\$56,800	2023	\$113,600			A
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Explanation : Rotting, Splitting							
Timber	15%			2023	\$34,100			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.

Maintenance \$ are aggregated over a ten-year period. Site 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 Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Gallows Frames								
Tower Frames								
Steel	5%	4+	\$15,800	2031		* *		A
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Connection Hardware							
	Explanation : Corrosion							
Timber	5%	4+	\$9,200	2031		* *		A
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Gallows Frames Foundation Piles							
	Explanation : Rotting							
Timber	90%			2031		* *		A
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Throughout							
	Explanation : Splitting							
Movable Ramps								
Bearings								
Timber	100%			2031		* *		A
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Steel Collars							
	Explanation : Corrosion							
Deck and Railing								
Timber Deck on Steel	40%			2031		* *		A
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : Throughout Steel Deck Framing And Isolated On Rail							
	Explanation : Corrosion							
Timber Deck on Steel	60%	4+	\$30,700	2031		* *		A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout Top Of Deck							
	Explanation : Surface Wearing							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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  
**Program / Asset #** : DOT0197.000 / 14118 **Yr Built/Renovated** : 1996 / 2007  
**Area Sq Ft** : 6,178 **Project Type** : FERRIES  
**Date of Survey** : 11-Apr-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Marinas/Docks		\$615,700
<b>Total</b>		<b>\$615,700</b>
Priority A		\$615,700
<b>Total</b>		<b>\$615,700</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Marinas/Docks	\$100	\$900	\$4,800	\$19,600
<b>Total</b>	<b>\$100</b>	<b>\$900</b>	<b>\$4,800</b>	<b>\$19,600</b>
Priority A		\$800	\$2,700	\$19,500
Priority B	\$100	\$100	\$2,100	\$100
<b>Total</b>	<b>\$100</b>	<b>\$900</b>	<b>\$4,800</b>	<b>\$19,600</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**E90TH ST FERRY LANDING**  
**Asset # : 14118**

Marinas/Docks		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
Access Walkways								
Deck								
Timber	55%			2021	\$206,700	5	\$5,500	A
Not Accessible	45%							D
Gangways								
Aluminum	100%			2043	* *	1-3	\$6,900	B
Pile Caps								
Timber	40%			2043	* *	4	\$500	A
Not Accessible	60%							D
Piles and Bracing								
Timber	60%			2043	* *	4-5	\$18,200	A
Not Accessible	40%							D
Deck Elements								
Railing								
Steel	100%			2021	\$408,900			A
Electrical								
Lighting Fixture								
Incandescent	100%			2017	\$19,500			A
Fender								
Piles								
Timber	50%			2024	* *			A
Not Accessible	50%							D
Wales and Chocks								
Timber	100%			2024	* *			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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : EAST 34TH ST FERRY LANDING  
**Address** : EAST 34TH STREET @ THE EAST RIVER  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0199.000 / 14193 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,175 **Project Type** : FERRIES  
**Date of Survey** : 06-Mar-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Marinas/Docks		\$905,500
<b>Total</b>		<b>\$905,500</b>
Priority A		\$905,500
<b>Total</b>		<b>\$905,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Marinas/Docks	\$5,200	\$200	\$7,800	\$200
<b>Total</b>	<b>\$5,200</b>	<b>\$200</b>	<b>\$7,800</b>	<b>\$200</b>
Priority A	\$5,000		\$3,100	
Priority B	\$200	\$200	\$4,700	\$200
<b>Total</b>	<b>\$5,200</b>	<b>\$200</b>	<b>\$7,800</b>	<b>\$200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 34TH ST FERRY LANDING**  
**Asset # : 14193**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Gangways								
Aluminum	100%			2049	* *	1-3	\$15,600	B
Floating Docks								
Anchor Piles								
Steel	50%			2049	* *	3-5		A
	<i>Missing Coating, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Along Guides</i>							
Not Accessible	50%							D
Fenders								
Rubber	100%			2022		1-2		C
Barge								
Steel	20%			2036	* *	5	\$6,200	A
Not Accessible	80%							D
Deck Elements								
Railing								
Steel	98%			2022	\$813,500			A
Steel	2%	Now	\$5,000	2022	\$16,600			A
	<i>Broken, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : At South Barge Berth S.2</i>							
Electrical								
Conduit								
Steel	60%			2022	\$75,400			A
PVC	40%			2020	\$29,200			A
Lighting Fixture								
Incandescent	100%			2018	\$34,600			A
Movable Ramps								
Deck and Railing								
Steel	100%			2036	* *			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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : HART ISLAND FERRY DOCK  
**Address** : HART ISLAND  
**Borough** : BRONX  
**Program / Asset #** : DOT0193.000 / 13892  
**Area Sq Ft** : 1,000  
**Date of Survey** : 10-Jun-2011  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** :

**Agency's Number** : N/A  
**Yr Built/Renovated** :  
**Project Type** : FERRIES  
**Landmark Status** : NONE

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Marinas/Docks	\$1,031,200	\$386,600
<b>Total</b>	<b>\$1,031,200</b>	<b>\$386,600</b>
Priority A	\$1,031,200	\$386,600
<b>Total</b>	<b>\$1,031,200</b>	<b>\$386,600</b>

EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Marinas/Docks	\$17,800			
<b>Total</b>	<b>\$17,800</b>			
Priority A	\$17,800			
<b>Total</b>	<b>\$17,800</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HART ISLAND FERRY DOCK**  
**Asset # : 13892**

Marinas/Docks		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	
Access Walkways									
Deck									
Timber	100%			2020		5		A	
	Surface Wearing/Scaling, Extent : Light, Area Affected : 40%								
	Location : Throughout Top Of Deck								
Pile Caps									
Timber	100%			2042	* *	4		A	
	Splitting, Extent : Light, Area Affected : 5%								
	Location : Isolated Throughout								
Piles and Bracing									
Timber	70%			2042	* *	4-5		A	
	Splitting, Extent : Light, Area Affected : 20%								
	Location : Throughout								
Not Accessible	30%							D	
Fender									
Facing									
Timber	20%	Now	\$15,400	2022	\$25,600			A	
	Other Observation, Extent : Severe, Area Affected : 50%								
	Location : Throughout								
	Explanation : Missing, Broken								
Timber	30%	2-4	\$23,100	2022	\$38,500			A	
	Other Observation, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
	Explanation : Rotting, Splitting								
Timber	30%			2017	\$38,500			A	
	Other Observation, Extent : Light, Area Affected : 30%								
	Location : Throughout								
	Explanation : Abrasion								
No Component	20%							D	
Piles									
Timber	30%	Now	\$366,000	2027	* *			A	
	Other Observation, Extent : Severe, Area Affected : 40%								
	Location : Throughout								
	Explanation : Broken, Rotting								
Timber	40%	2-4	\$488,000	2027	* *			A	
	Other Observation, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
	Explanation : Rotting, Splitting								
Timber	10%			2020	\$122,000			A	
Not Accessible	20%							D	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HART ISLAND FERRY DOCK**  
**Asset # : 13892**

Marinas/Docks		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
Fender								
Wales and Chocks								
Timber	60%	Now	\$60,100	2023	\$120,300			A
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : Throughout							
	Explanation : Rotting, Splitting							
Timber	40%	2-4	\$40,100	2023	\$80,200			A
	Other Observation, Extent : Moderate, Area Affected : 40%							
	Location : Throughout							
	Explanation : Rotting, Splitting							
Gallows Frames								
Tower Frames								
Steel	2%	4+	\$6,300	2025		* *		A
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Steel Connection Plates And Hardware							
	Explanation : Corrosion							
Timber	98%			2031		* *		A
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Throughout							
	Explanation : Cracking, Splitting							
Movable Ramps								
Bearings								
Timber	100%			2031		* *		A
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : Steel Collars							
	Explanation : Corrosion							
Deck and Railing								
Timber Deck on Steel	50%			2031		* *		A
	Other Observation, Extent : Light, Area Affected : 10%							
	Location : Timber Deck And Timber Stringers							
	Explanation : Weathering							
Timber Deck on Steel	50%	4+	\$11,500	2031		* *		A
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : Timber Beams Beneath Timber Deck							
	Explanation : Corrosion							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : ST. GEORGE FERRY TERMINAL FERRY SLIP 1  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0192.010 / 13894 **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** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Marinas/Docks	\$308,600	\$6,810,200
<b>Total</b>	<b>\$308,600</b>	<b>\$6,810,200</b>
Priority A	\$308,600	\$6,810,200
<b>Total</b>	<b>\$308,600</b>	<b>\$6,810,200</b>

**EXPENSE**


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**Total**


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Priority

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**Total**


Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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**

**Asset # : 13894**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Facing								
Timber	5%	0-2	\$33,200	2022	\$33,200			A
	Other Observation, Extent : Severe, Area Affected : 30%							
	Location : Isolated Throughout							
	Explanation : Loose Connections							
Timber	10%	2-4	\$66,500	2022	\$66,500			A
	Other Observation, Extent : Moderate, Area Affected : 40%							
	Location : Throughout							
	Explanation : Abrasion							
Timber	80%			2020	\$531,800			A
	Other Observation, Extent : Light, Area Affected : 30%							
	Location : Throughout							
	Explanation : Abrasion							
Timber	5%	Now	\$33,200	2022	\$33,200			A
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Throughout							
	Explanation : Missing							
Piles								
Timber	5%	Now	\$96,300	2027	* *			A
	Other Observation, Extent : Severe, Area Affected : 75%							
	Location : Inshore Piles							
	Explanation : Broken							
Timber	65%			2023	\$3,130,400			A
Not Accessible	30%							D
Wales and Chocks								
Timber	95%			2023	\$3,015,100			A
Timber	5%	Now	\$79,300	2026	* *			A
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Inshore Fenders							
	Explanation : Broken Or Missing							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : ST. GEORGE FERRY TERMINAL FERRY SLIPS 3 - 6  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0192.030 / 13896 **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	FY 2014 - 2017	FY 2018 - 2023
Marinas/Docks	\$5,142,500	\$16,886,400
<b>Total</b>	<b>\$5,142,500</b>	<b>\$16,886,400</b>
Priority A	\$5,142,500	\$16,886,400
<b>Total</b>	<b>\$5,142,500</b>	<b>\$16,886,400</b>

**EXPENSE**

Total

Priority

Total



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Facing								
Timber	70%			2017	\$1,861,400			A
	Other Observation, Extent : Light, Area Affected : 30%							
	Location : Throughout							
	Explanation : Abrasion							
Timber	20%	4+	\$159,500	2020	\$531,800			A
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Explanation : Abrasion							
Timber	5%	0-2	\$39,900	2020	\$133,000			A
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Explanation : Loose Connections							
Timber	5%	Now	\$39,900	2020	\$133,000			A
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Throughout							
	Explanation : Missing, Broken							
Piles								
Timber	23%	0-2	\$2,215,300	2027	* *			A
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : Offshore Clusters							
	Explanation : Broken							
Timber	40%			2023	\$7,705,500			A
	Other Observation, Extent : Moderate, Area Affected : 10%							
	Location : At Top Of Piles							
	Explanation : Splitting							
Timber	2%	Now	\$115,600	2023	\$385,300			A
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Slip 4 North Fender Rack At Offshore And Isolated Throughout							
	Explanation : Broken Piles							
Not Accessible	35%							D
Wales and Chocks								
Timber	40%			2023	\$5,078,000			A
Timber	23%	0-2	\$584,000	2023	\$2,919,900			A
	Other Observation, Extent : Moderate, Area Affected : 35%							
	Location : Throughout							
	Explanation : Rotting, Splitting							
Timber	2%	Now	\$127,000	2027	* *			A
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Throughout							
	Explanation : Broken							
Not Accessible	35%							D
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.

Maintenance \$ are aggregated over a ten-year period. Site 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Gallows Frames								
Tower Frames								
Steel	100%			2031		* *		A
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Coating Loss and Corrosion								
Movable Ramps								
Bearings								
Not Accessible	100%							D
Deck and Railing								
Steel	70%			2031		* *		A
Other Observation, Extent : Light, Area Affected : 5%								
Location : Throughout								
Explanation : Coating Loss. Ramp Surfaces Are 50/50 Asphalt/ Steel								
Not Accessible	30%							D

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*



Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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 2014	FY 2015	FY 2016	FY 2017
Marinas/Docks	\$600	\$100	\$100	\$2,000
<b>Total</b>	<b>\$600</b>	<b>\$100</b>	<b>\$100</b>	<b>\$2,000</b>
Priority B	\$600	\$100	\$100	\$2,000
<b>Total</b>	<b>\$600</b>	<b>\$100</b>	<b>\$100</b>	<b>\$2,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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 Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Gangways								
Aluminum	100%	4+	\$600	2048	* *	1-3	\$6,600	B
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Inshore End Of Gangway</i>							
	<i>Explanation : 2 Of 10 Collar Clamps On Inshore Bearing Rod Broken</i>							
Floating Docks								
Anchor Piles								
Steel	60%			2042	* *	3-5		A
	<i>Corrosion, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Above Mlw</i>							
	<i>Missing Coating, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Above Mlw</i>							
Not Accessible	40%							D
Deck								
Steel	100%			2021				A
	<i>Corrosion, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Throughout</i>							
Fenders								
Rubber	100%			2021		1-2		C
Railing								
Steel	100%			2021				A
	<i>Missing Coating, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Throughout</i>							
Barge								
Steel	50%			2035	* *	5		A
	<i>Corrosion, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Band At Waterline</i>							
Not Accessible	50%							D
Electrical								
Conduit								
Steel	40%			2021				A
PVC	60%			2019				A
Lighting Fixture								
Incandescent	100%			2017				A
Fender								
Piles								
Timber	60%			2023				A
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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : ST. GEORGE FERRY TERMINAL SLIP 8 & 69TH STREET  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0192.050 / 13898 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,000 **Project Type** : FERRIES  
**Date of Survey** : 19-May-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Marinas/Docks	\$1,852,400	\$729,600
<b>Total</b>	<b>\$1,852,400</b>	<b>\$729,600</b>
Priority A	\$1,852,400	\$729,600
<b>Total</b>	<b>\$1,852,400</b>	<b>\$729,600</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Marinas/Docks	\$14,300			
<b>Total</b>	<b>\$14,300</b>			
Priority A	\$14,300			
<b>Total</b>	<b>\$14,300</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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**  
**Asset # : 13898**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Piles								
Timber	40%	Now	\$561,000	2027		* *		A
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : Throughout Both Slips							
	Explanation : Mechanical Damage							
Timber	40%	0-2	\$561,000	2027		* *		A
	Other Observation, Extent : Moderate, Area Affected : 30%							
	Location : Throughout							
	Explanation : Mechanical Damage							
Not Accessible	20%							D
Wales and Chocks								
Timber	40%	Now	\$243,200	2027		* *		A
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Explanation : Splitting/ Rotting							
Timber	50%	2-4	\$304,000	2023	\$608,000			A
	Other Observation, Extent : Light, Area Affected : 40%							
	Location : Throughout							
	Explanation : Splitting/ Rotting							
Timber	10%			2020	\$121,600			A
Gallows Frames								
Tower Frames								
Timber	100%	2-4	\$183,200	2037		* *		A
	Other Observation, Extent : Light, Area Affected : 50%							
	Location : 69th Street Slip							
	Explanation : Splitting/ Rotting							
Movable Ramps								
Deck and Railing								
Steel	50%	0-2	\$14,300	2035		* *		A
	Other Observation, Extent : Severe, Area Affected : 5%							
	Location : Base Of Ramp At Slip 8							
	Explanation : Break In Frame And Broken Weld In Rail							
Timber	50%			2031		* *		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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, & PHANTOM  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0192.060 / 13899 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,000 **Project Type** : FERRIES  
**Date of Survey** : 10-May-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Marinas/Docks	\$86,000	\$967,500
<b>Total</b>	<b>\$86,000</b>	<b>\$967,500</b>
Priority A	\$86,000	\$967,500
<b>Total</b>	<b>\$86,000</b>	<b>\$967,500</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Marinas/Docks	\$28,200			
<b>Total</b>	<b>\$28,200</b>			
Priority A	\$28,200			
<b>Total</b>	<b>\$28,200</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Access Walkways									
Deck									
Concrete	100%			2031	**	5		A	
	Cracking, Extent : Light, Area Affected : 10%								
	Location : Throughout All Slips								
Piles and Bracing									
Steel	50%			2042	**	5-10		A	
	Corrosion, Extent : Moderate, Area Affected : 40%								
	Location : In Tidal Zone And Splash Zone Throughout All Berths								
	Missing Coating, Extent : Light, Area Affected : 40%								
	Location : All Three Ramps								
Not Accessible	50%							D	
Fender									
Facing									
Timber	8%	4+	\$10,900	2022	\$18,200			A	
	Other Observation, Extent : Moderate, Area Affected : 30%								
	Location : Throughout Above Mlw Elevation								
	Explanation : Abrasion								
Timber	75%			2020	\$170,900			A	
	Other Observation, Extent : Light, Area Affected : 30%								
	Location : Throughout								
	Explanation : Abrasion								
Timber	10%	4+	\$13,700	2020	\$22,800			A	
	Other Observation, Extent : Moderate, Area Affected : 60%								
	Location : Above Mlw Elevation And Along Tops Of Panels								
	Explanation : Checking/splitting								
Timber	2%	Now	\$2,700	2022	\$4,600			A	
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : One Timber At Berth B-1 And One At Berth B-2								
	Explanation : Broken								
Not Accessible	5%							D	
Piles									
Steel	10%	4+	\$33,100	2023	\$66,200			A	
	Corrosion, Extent : Severe, Area Affected : 10%								
	Location : At Hardware Connections In Tidal Zone								
Steel	20%	4+	\$13,200	2023	\$132,400			A	
	Corrosion, Extent : Moderate, Area Affected : 30%								
	Location : Above Mlw Elevation Throughout All Slips								
	Missing Coating, Extent : Moderate, Area Affected : 40%								
	Location : Above Mlw Elevation Throughout All Slips								
Steel	30%			2023	\$198,700			A	
	Missing Coating, Extent : Light, Area Affected : 20%								
	Location : Above Splash Zone Throughout All Slips								
Not Accessible	40%							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 SLIPS B-1, B-2, & PHANTOM**  
**Asset # : 13899**

Marinas/Docks		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
Fender								
Wales and Chocks								
Timber	20%	4+	\$36,100	2023	\$72,200			A
	Other Observation, Extent : Moderate, Area Affected : 40%							
	Location : Throughout							
	Explanation : Splitting							
Timber	78%			2023	\$281,400			A
Timber	2%	Now	\$3,600	2027	* *			A
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Isolated Throughout							
	Explanation : Broken/ Missing							
Gallows Frames								
Tower Frames								
Steel	100%			2035	* *			A
	Other Observation, Extent : Light, Area Affected : 30%							
	Location : Isolated Throughout And At Support Brackets Slip B-1							
	Explanation : Corrosion							
Movable Ramps								
Deck and Railing								
Steel	99%			2031	* *			A
	Other Observation, Extent : Light, Area Affected : 40%							
	Location : Isolated Throughout Slips B-1 And B-2 And Entirety Of Phantom							
	Explanation : Coating Loss And Corrosion							
Steel	1%	4+	\$900	2031	* *			A
	Other Observation, Extent : Severe, Area Affected : 100%							
	Location : Damaged Pin At Connection Of Finger Plates Slip B-1							
	Explanation : Damaged Joint							

Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Marinas/Docks	\$58,400	\$708,000
<b>Total</b>	<b>\$58,400</b>	<b>\$708,000</b>
Priority A	\$58,400	\$708,000
<b>Total</b>	<b>\$58,400</b>	<b>\$708,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Marinas/Docks	\$7,600	\$700	\$8,100	\$7,300
<b>Total</b>	<b>\$7,600</b>	<b>\$700</b>	<b>\$8,100</b>	<b>\$7,300</b>
Priority A	\$200		\$3,100	\$6,500
Priority B	\$200	\$200	\$4,400	\$200
Priority C	\$7,200	\$600	\$700	\$600
<b>Total</b>	<b>\$7,600</b>	<b>\$700</b>	<b>\$8,100</b>	<b>\$7,300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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 Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Access Walkways								
Deck								
Steel	55%			2049	* *			A
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : At Bottom Of Gangways							
No Component	45%							D
Gangways								
Aluminum	100%			2049	* *	1-3	\$14,400	B
	Other Observation, Extent : Light, Area Affected : 5%							
	Location : Support Bracket Hardware At Pier Connection Of Slip A Gangway							
	Explanation : Corrosion							
Floating Docks								
Anchor Piles								
Steel	45%			2049	* *	3-5	\$9,700	A
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Above Mlw Elevation And Spud Piles At Slip E							
	Missing Coating, Extent : Moderate, Area Affected : 10%							
	Location : Above Mlw Elevation							
Not Accessible	55%							D
Fenders								
Rubber	25%			2021	\$2,300	1-2	\$1,500	C
Rubber	75%	4+	\$7,000	2023	\$7,000	1-2	\$4,100	C
	Worn, Extent : Moderate, Area Affected : 40%							
	Location : Isolated At Fenders All Slips At North Side							
Barge								
Steel	40%			2032	* *	5	\$13,000	A
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Isolated On Barge Surface, And Along Sides Of Barges Above 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	\$708,000			A
Electrical								
Conduit								
PVC	100%			2019	\$21,800			A
Lighting Fixture								
Incandescent	100%			2017	\$58,400			A
Fender								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Piles								
Timber	45%			2027	* *			A
	<i>Other Observation, Extent : Light, Area Affected : 30%</i>							
	<i>Location : North Side Of Pier 11</i>							
	<i>Explanation : Worn</i>							
No Component	25%							D
Not Accessible	30%							D
Movable Ramps								
Deck and Railing								
Steel	100%			2036	* *			A
	<i>Other Observation, Extent : Light, Area Affected : 75%</i>							
	<i>Location : On Gears Beneath Landings</i>							
	<i>Explanation : Corrosion</i>							

Note : 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.

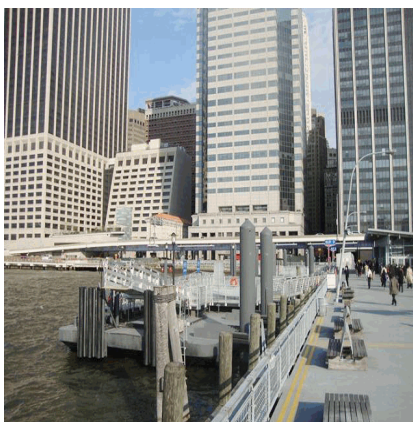
Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**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** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Marinas/Docks		\$558,000
<b>Total</b>		<b>\$558,000</b>
Priority A		\$558,000
<b>Total</b>		<b>\$558,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Marinas/Docks	\$2,700	\$400	\$4,700	\$39,400
<b>Total</b>	<b>\$2,700</b>	<b>\$400</b>	<b>\$4,700</b>	<b>\$39,400</b>
Priority A	\$600		\$1,600	\$39,000
Priority B	\$100	\$100	\$2,900	\$100
Priority C	\$2,000	\$200	\$200	\$200
<b>Total</b>	<b>\$2,700</b>	<b>\$400</b>	<b>\$4,700</b>	<b>\$39,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Access Walkways									
Deck									
Steel	53%			2049	**			A	
	Corrosion, Extent : Light, Area Affected : 5%								
	Location : On Gangway Supports And At Bottom Of Gangways								
No Component	45%							D	
Not Accessible	2%							D	
Gangways									
Aluminum	100%			2049	**	1-3	\$9,600	B	
Floating Docks									
Anchor Piles									
Steel	45%			2049	**	3-5	\$4,900	A	
	Corrosion, Extent : Light, Area Affected : 10%								
	Location : Above Mlw Elevation								
	Missing Coating, Extent : Moderate, Area Affected : 10%								
	Location : Above Mlw Elevation								
Not Accessible	55%							D	
Fenders									
Rubber	50%	2-4	\$1,900	2023	\$1,900	1-2	\$1,100	C	
	Worn, Extent : Moderate, Area Affected : 30%								
	Location : Fenders On East Side Of Slip D								
Rubber	50%			2021	\$1,900	1-2	\$1,200	C	
Barge									
Steel	40%			2032	**	5	\$8,800	A	
	Corrosion, Extent : Light, Area Affected : 10%								
	Location : Isolated On Barge Surface At Slip D, And Along Sides Of Barges Above The Waterline								
Not Accessible	60%							D	
Deck Elements									
Railing									
Steel	100%			2022	\$558,000			A	
Electrical									
Conduit									
PVC	100%			2019	\$12,900			A	
Lighting Fixture									
Incandescent	100%			2017	\$34,600			A	
Fender									
Piles									
Timber	30%			2027	**			A	
	Other Observation, Extent : Light, Area Affected : 30%								
	Location : In Tidal Zone								
	Explanation : Worn								
No Component	50%							D	
Not Accessible	20%							D	
Movable Ramps									

Note : 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**  
**WALL STREET FERRY PIER SLIPS B & D SOUTH SIDE PIER 11**  
**Asset # : 14265**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Movable Ramps								
Deck and Railing								
Steel	1%	4+	\$500	2038	* *			A
	<i>Other Observation, Extent : Moderate, Area Affected : 1%</i> <i>Location : Grating At Edge Of West Side Of Slip B Landing</i> <i>Explanation : Broken Element</i>							
Steel	99%			2032	* *			A
	<i>Other Observation, Extent : Light, Area Affected : 75%</i> <i>Location : On Gears Beneath Landing</i> <i>Explanation : Corrosion</i>							

*Note : 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 : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER  
**Address** : WEST 39TH STREET & 12TH AVENUE @THE HUDSON RIVER  
**Borough** : MANHATTAN **Agency's Number** : 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** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Marinas/Docks	\$233,600	\$851,000
<b>Total</b>	<b>\$233,600</b>	<b>\$851,000</b>
Priority A	\$233,600	\$851,000
<b>Total</b>	<b>\$233,600</b>	<b>\$851,000</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Marinas/Docks	\$44,900	\$2,000	\$14,000	\$31,400
<b>Total</b>	<b>\$44,900</b>	<b>\$2,000</b>	<b>\$14,000</b>	<b>\$31,400</b>
Priority A	\$35,500			\$29,400
Priority B	\$500	\$500	\$12,700	\$500
Priority C	\$8,900	\$1,400	\$1,300	\$1,400
<b>Total</b>	<b>\$44,900</b>	<b>\$2,000</b>	<b>\$14,000</b>	<b>\$31,400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* 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 Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Access Walkways									
Deck									
Steel	15%			2043	* *			A	
No Component	85%							D	
Gangways									
Aluminum	100%			2043	* *	1-3	\$41,800	B	
Piles and Bracing									
Steel	50%			2043	* *	5-10	\$900	A	
	Corrosion, Extent : Light, Area Affected : 10%								
	Location : Above Mlw								
	Missing Coating, Extent : Light, Area Affected : 15%								
	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 : Light, Area Affected : 15%								
	Location : Above Mlw								
Not Accessible	50%							D	
Fenders									
Rubber	60%			2021	\$12,400	1-2	\$8,200	C	
Rubber	40%	2-4	\$8,300	2023	\$8,300	1-2	\$4,800	C	
	Worn, Extent : Moderate, Area Affected : 50%								
	Location : At Contact Point With Ferries								
Railing									
Steel	99%			2021	\$776,900			A	
Steel	1%	Now	\$800	2021	\$7,800			A	
	Broken, Extent : Moderate, Area Affected : 100%								
	Location : Chain At North End Of Terminal, Slip 6								
	Missing Components, Extent : Moderate, Area Affected : 100%								
	Location : Chain At South End Of Terminal, Slip 1								
Barge									
Steel	50%			2032	* *	5	\$58,800	A	
	Corrosion, Extent : Light, Area Affected : 2%								
	Location : Isolated Throughout Top And Sides Of Barges								
	Displaced Component, Extent : Light, Area Affected : 10%								
	Location : Up To 2 Inch At Connections Between Center Barge And North & South Barges. Ferry Side Beyond Railing.								
	Other Observation, Extent : Light, Area Affected : 1%								
	Location : On Side Of Barge, Northeast Corner								
	Explanation : Impact Damage In Center Barge								
Not Accessible	50%							D	
Electrical									
Conduit									
Steel	100%			2021	\$66,200			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**  
**WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER**  
**Asset # : 14195**

Marinas/Docks		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
Electrical								
Lighting Fixture								
Incandescent	100%			2017	\$233,600			A
Electrical/Mech.								
Power Supply/Bollards								
Steel	100%			2021	\$13,200			A
Fender								
Piles								
Timber	20%			2024	* *			A
	Other Observation, Extent : Moderate, Area Affected : 50%							
	Location : Throughout							
	Explanation : Wear							
Timber	25%	Now	\$28,900	2028	* *			A
	Other Observation, Extent : Severe, Area Affected : 50%							
	Location : At North Dolphin							
	Explanation : Broken Piles							
Timber	5%	2-4	\$5,800	2028	* *			A
	Other Observation, Extent : Moderate, Area Affected : 25%							
	Location : At South Dolphin							
	Explanation : Abrasion Damage And Broken Wire Rope							
Not Accessible	50%							D
Movable Ramps								
Deck and Railing								
Steel	100%			2032	* *			A

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Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3  
**Address** : SOUTH STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0190.000 / 13889 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,000 **Project Type** : FERRIES  
**Date of Survey** : 31-May-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2014 - 2017	FY 2018 - 2023
Marinas/Docks	\$3,354,500	\$11,760,800
<b>Total</b>	<b>\$3,354,500</b>	<b>\$11,760,800</b>
Priority A	\$3,354,500	\$11,760,800
<b>Total</b>	<b>\$3,354,500</b>	<b>\$11,760,800</b>

**EXPENSE**


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**Total**


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Priority

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**Total**


Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* 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		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code	
Access Walkways									
Deck									
Concrete	30%			2031	* *	5		A	
	Cracking, Extent : Light, Area Affected : 5%								
	Location : Isolated Throughout								
Concrete	15%			2025	* *	5		A	
	Cracking, Extent : Moderate, Area Affected : 100%								
	Location : Service Apron Slip 2								
Timber	5%			2020		5		A	
Not Accessible	50%							D	
Piles and Bracing									
Steel	40%			2042	* *	5-10		A	
	Corrosion, Extent : Light, Area Affected : 30%								
	Location : Above Mlw								
Not Accessible	60%							D	
Fender									
Facing									
Timber	5%	Now	\$59,800	2020	\$99,700			A	
	Other Observation, Extent : Severe, Area Affected : 100%								
	Location : Throughout								
	Explanation : Missing, Broken								
Timber	20%	2-4	\$239,300	2020	\$398,900			A	
	Other Observation, Extent : Moderate, Area Affected : 40%								
	Location : Throughout								
	Explanation : Abrasion								
Timber	75%			2017	\$1,495,700			A	
	Other Observation, Extent : Light, Area Affected : 30%								
	Location : Throughout								
	Explanation : Abrasion								
Piles									
Timber	5%	Now	\$361,200	2027	* *			A	
	Other Observation, Extent : Severe, Area Affected : 40%								
	Location : Offshore Clusters								
	Explanation : Broken								
Timber	10%	4+	\$722,400	2027	* *			A	
	Other Observation, Extent : Moderate, Area Affected : 30%								
	Location : Pile Tops Throughout								
	Explanation : Splitting								
Timber	45%			2023	\$6,501,500			A	
Not Accessible	40%							D	
Wales and Chocks									
Timber	10%	2-4	\$476,100	2027	* *			A	
	Other Observation, Extent : Moderate, Area Affected : 40%								
	Location : Isolated Throughout								
	Explanation : Splitting								
Timber	50%			2023	\$4,760,700			A	
Not Accessible	40%							D	

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\*\* 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		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Gallows Frames								
Tower Frames								
Steel	100%			2031		* *		A
Other Observation, Extent : Light, Area Affected : 2%								
Location : Isolated Throughout								
Explanation : Coating Damage								
Movable Ramps								
Bearings								
Not Accessible	100%							D
Deck and Railing								
Steel	69%			2031		* *		A
Other Observation, Extent : Light, Area Affected : 2%								
Location : Throughout								
Explanation : Coating Loss On Railing								
Steel	1%			2031		* *		A
Other Observation, Extent : Light, Area Affected : 66%								
Location : Slips 2 And 3. Slip 1 Is All Steel								
Explanation : 50/50 Asphalt Surface/ Steel Grating								
Not Accessible	30%							D

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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.*

Print Date : 22-Oct-2012

**DEPARTMENT OF TRANSPORTATION - FY 2013**

**Asset Name** : YANKEE STADIUM FERRY LANDING  
**Address** : OFFSHORE OF YANKEE STADIUM PARKING LOT NO 3. EXIT 6 OFF I87  
**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** :

<b>CAPITAL</b>	<b>FY 2014 - 2017</b>	<b>FY 2018 - 2023</b>
Marinas/Docks		\$265,900
<b>Total</b>		<b>\$265,900</b>
Priority A		\$265,900
<b>Total</b>		<b>\$265,900</b>

<b>EXPENSE</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
Marinas/Docks	\$100	\$300	\$2,300	\$10,400
<b>Total</b>	<b>\$100</b>	<b>\$300</b>	<b>\$2,300</b>	<b>\$10,400</b>
Priority A			\$600	\$10,300
Priority B	\$100	\$100	\$1,700	\$100
Priority C	\$100	\$300	\$100	\$100
<b>Total</b>	<b>\$100</b>	<b>\$300</b>	<b>\$2,300</b>	<b>\$10,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**YANKEE STADIUM FERRY LANDING**  
**Asset # : 14196**

Marinas/Docks		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
Access Walkways								
Gangways								
Steel	100%			2043	* *	1-3	\$5,500	B
	Corrosion, Extent : Light, Area Affected : 15%							
	Location : At Underside And Along Surface Of East And West Gangways							
Floating Docks								
Anchor Piles								
Steel	50%			2043	* *	3-5	\$1,800	A
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Above Waterline							
	Other Observation, Extent : Light, Area Affected : 20%							
	Location : Above Waterline							
	Explanation : Abrasion							
Not Accessible	50%							D
Deck								
Steel	100%			2021	\$2,400			A
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Surface And Underside Of Elevated Platform							
Fenders								
Rubber	25%			2021	\$400	1-2	\$300	C
	Worn, Extent : Light, Area Affected : 2%							
	Location : Rubber Tires At West Side							
Rubber	25%			2022	\$400	1-2	\$300	C
	Worn, Extent : Light, Area Affected : 2%							
	Location : North Face Of Barge							
Timber	25%			2021	\$300	3	\$600	C
	Worn, Extent : Light, Area Affected : 10%							
	Location : South Face Of Barge							
No Component	25%							D
Barge								
Steel	60%			2032	* *	5	\$4,700	A
	Corrosion, Extent : Light, Area Affected : 10%							
	Location : Along Sides Of Barge Above The W. L. And Isolated At Barge Surface							
	Other Observation, Extent : Moderate, Area Affected : 100%							
	Location : Barge Listing To The Southwest							
	Explanation : Listing							
Not Accessible	40%							D
Deck Elements								
Railing								
Steel	100%			2021	\$265,900			A
	Corrosion, Extent : Light, Area Affected : 5%							
	Location : Isolated Throughout							
Electrical								
Conduit								
Steel	100%			2022	\$13,600			A
Lighting Fixture								
Sodium	100%			2017	\$8,000			A

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## DEPARTMENT OF TRANSPORTATION - 841

## Project : HIGHWAYS

CAPITAL		FY 2014 - 2017		FY 2018 - 2023
Miscellaneous Buildings		342,400		94,700
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Miscellaneous Buildings	235,500	17,600	17,400	16,500

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
545	ARTERIAL & FLEET SERVICES SHED 2	1,000	0	14,800
546	ARTERIAL & FLEET SERVICES SHED 3	1,000	0	14,800
547	ARTERIAL & FLEET SERVICES SHED 4	1,000	0	14,800
548	ARTERIAL & FLEET SERVICES GUARD HOUSE 1	96	0	1,400
550	HARLEM RIVER BRIDGE SHOP GARAGE 2	6,520	102,100	16,800
552	KENT AVENUE BRIDGE COMPLEX GARAGE 2	3,476	54,400	8,900
553	KENT AVENUE BRIDGE COMPLEX GARAGE 3	5,466	85,600	14,100
565	ARTERIAL & FLEET SERVICES STORAGE 2	1,073	0	15,900
566	ARTERIAL & FLEET SERVICES TRAILER 1	300	0	4,500
567	ARTERIAL & FLEET SERVICES TRAILER 2	224	0	3,300
568	ARTERIAL & FLEET SERVICES TRAILER 3	480	0	7,100
569	ARTERIAL & FLEET SERVICES TRAILER 4	480	0	7,100
570	ARTERIAL & FLEET SERVICES SHED 1	600	0	8,900
1014	GLENDALE YARD BLDG. 6	831	0	12,300
1015	GLENDALE YARD BLDG. 5	913	0	13,500
1016	GLENDALE YARD BLDG. 8	600	0	8,900
1017	GLENDALE YARD BLDG. 9	288	0	4,300
1023	KENT AVENUE BRIDGE COMPLEX GARAGE 4	2,699	42,300	6,900
1024	KEW LOOP YARD GARAGE	5,500	86,100	14,200
1025	HAMILTON AVE. ASPHALT PLANT STORAGE	1,472	0	21,800
1026	HAMILTON AVE. ASPHALT PLANT STORAGE	96	0	1,400
1027	FLATLANDS AVENUE YARD GARAGE 7	105	0	1,600
1037	FLATLANDS AVENUE YARD GARAGE 3	480	0	7,100
1038	FLATLANDS AVENUE YARD GARAGE 4	1,000	0	14,800
1039	FLATLANDS AVENUE YARD GARAGE 5	1,000	0	14,800
1040	FLATLANDS AVENUE YARD GARAGE 6	576	0	8,600
2728	KENT AVENUE BRIDGE COMPLEX GARAGE 5	891	0	13,200
14124	BROOKLYN ARTERIAL HWYS GARAGE	4,250	66,600	10,900

## Project : WATERWAY BRIDGES

CAPITAL		FY 2014 - 2017		FY 2018 - 2023
Special Systems		254,000,000		0
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Special Systems	13,744,000	13,967,000	14,214,000	14,478,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
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Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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**DEPARTMENT OF TRANSPORTATION - 841**

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2462	MANHATTAN BRIDGE MANHATTAN BRIDGE/EAST RIVER	1,203,814	0	14,569,000
2463	WILLIAMSBURG BRIDGE WILLIAMSBURG BR/EAST RIVER	741,020	0	15,527,000
2464	QUEENSBORO BRIDGE QUEENSBORO BR/EAST RIVER	1,287,107	0	13,977,000
2815	BROOKLYN BRIDGE BROOKLYN BRIDGE/I-278 BQE	633,015	254,000,000	12,330,000

**Project : FERRIES**

CAPITAL	FY 2014 - 2017		FY 2018 - 2023	
Special Systems	27,100,000		0	
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Special Systems	4,250,000	7,800,000	6,650,000	5,950,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
1018	FERRY-JOHN F. KENNEDY		2,500,000	2,750,000
1021	FERRY-ANDREW J. BARBIERI		6,400,000	5,350,000
1022	FERRY-SAMUEL I. NEWHOUSE		3,200,000	2,500,000
4307	FERRY-ALICE AUSTEN		1,000,000	1,150,000
4308	FERRY-JOHN A. NOBLE		2,600,000	2,750,000
4538	FERRY-MOLINARI		3,000,000	2,500,000
4539	FERRY-MARCHI		5,400,000	4,900,000
4540	FERRY-SPIRIT		3,000,000	2,750,000

**Project : ELECTRIC CONTROL**

CAPITAL	FY 2014 - 2017		FY 2018 - 2023	
Special Systems	43,000,000		0	
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Special Systems	23,458,000	23,458,000	23,458,000	23,458,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2829	STREET LIGHTING SYSTEM		43,000,000	93,832,000

**Project : HIGHWAYS**

CAPITAL	FY 2014 - 2017		FY 2018 - 2023	
Special Systems	2,297,190,000		0	
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Special Systems	0	0	0	0

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2841	STREETS AND HIGHWAYS PRIMARY		401,050,000	0
2842	STREETS AND HIGHWAYS SECONDARY		546,960,000	0
2843	STREETS AND HIGHWAYS LOCAL		1,272,230,000	0
2844	STREETS AND HIGHWAYS ARTERIAL		40,000,000	0
2845	STREETS AND HIGHWAYS STEP		36,950,000	0

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## DEPARTMENT OF TRANSPORTATION - 841

Project : TRAFFIC

CAPITAL		FY 2014 - 2017		FY 2018 - 2023
Special Systems		14,745,000		0
EXPENSE	FY 2014	FY 2015	FY 2016	FY 2017
Special Systems	33,619,000	33,619,000	33,619,000	33,619,000
ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2830	TRAFFIC LIGHT SYSTEM		14,745,000	134,476,000

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\*\* Replacement cost estimated to be beyond ten years is not included in this report.