

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ST. GEORGE STATION FERRY, BUS, TRAIN TERMINAL  
**Address** : 1 RICHMOND TERRACE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0109.000 / 2420 **Yr Built/Renovated** : 1950 / 2013  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Exterior Architecture	\$604,600	\$1,555,600
Interior Architecture	\$150,600	\$492,100
Electrical	\$113,500	
Mechanical		\$47,200
<b>Total</b>	<b>\$868,700</b>	<b>\$2,094,900</b>
Priority A	\$604,600	\$1,555,600
Priority B	\$113,500	\$223,200
Priority C	\$150,600	\$316,100
<b>Total</b>	<b>\$868,700</b>	<b>\$2,094,900</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$49,100	\$30,500	\$5,800	
Interior Architecture				
Electrical	\$30,100	\$46,000	\$37,200	\$27,200
Mechanical	\$112,800	\$59,200	\$147,400	\$58,600
Elevators/Escalators	\$15,200	\$15,200	\$15,200	\$15,200
<b>Total</b>	<b>\$207,300</b>	<b>\$150,900</b>	<b>\$205,600</b>	<b>\$101,000</b>
Priority A	\$49,100	\$30,500	\$5,800	
Priority B	\$158,100	\$120,400	\$199,800	\$101,000
Priority C				
<b>Total</b>	<b>\$207,300</b>	<b>\$150,900</b>	<b>\$205,600</b>	<b>\$101,000</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 STATION FERRY, BUS, TRAIN TERMINAL**

**Asset # : 2420**

Architecture	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
<b>Exterior</b>								
<b>Exterior Walls</b>								
Concrete Masonry Unit	4%			LIFE	**	5	\$8,600	A
Glass Block	2%			LIFE	**	5	\$4,300	A
Masonry: Brick	35%			LIFE	**	5	\$120,300	A
Metal/Glass Curt Wall	35%			LIFE	**	5	\$225,600	A
Metal Panel	22%			2042	**	5-10	\$519,900	A
Metal Coiling Doors	2%			2035	**	5	\$21,500	A
<b>Windows</b>								
Aluminum	90%			2038	**	5	\$11,500	A
Metal Louvers	5%			2031	**	10	\$4,000	A
Steel	5%	Now	\$31,700	2047	**	5	\$4,000	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bulkheads</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Slips</i>								
<b>Parapets</b>								
Masonry: Brick	20%			LIFE	**	5	\$3,900	A
Metal Panel	10%			2042	**	5	\$7,600	A
Metal Rail	70%			2035	**	5-10	\$248,400	A
<b>Roof</b>								
Asphalt Macadam	15%			2017		5	\$53,400	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Bus Lane Above Main Concourse</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Bus Lane Above Main Concourse</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Elevated Steel And Concrete Bus Ramps Not Included In This Survey</i>								
Cast in Place Concrete	10%	Now	\$17,400	LIFE	**			A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	15%			2035	**	10	\$146,900	A
Modified Bitumen	38%			2027	**	10	\$203,000	A
Paver: Asphalt	10%			2031	**	10	\$80,100	A
Sloped Glazing	5%			LIFE	**	5	\$356,100	A
Not Accessible	5%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Fuel Service / Oil Room Wing</i>								
<i>Explanation : This Is A New Green Roof Covered With Tall Grassy Vegetation</i>								
Under Construction	2%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Elevated Bridge To Former Brooklyn Slips Building</i>								
<i>Explanation : Partial Demolition In Progress</i>								

**Interior**

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**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>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>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	20%			LIFE	**	5	\$124,600	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	\$213,700	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	\$6,700	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	\$4,500	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	\$77,900	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	\$9,700	C
Concrete Masonry Unit	10%			LIFE	**	5	\$7,800	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	\$40,900	C
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%			2035	**	5	\$23,500	B
Exposed Concrete	20%			LIFE	**	5	\$7,300	B
Exposed Struc: Steel	10%			LIFE	**			B
Gypsum Board	40%			LIFE	**	5	\$117,300	B
Metal Panel	20%			LIFE	**	5	\$58,700	B

<b>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>	
<b>Over 600 Volts</b>								
<b>Service Equipment</b>								
Air Circuit Breaker	100%			2042	**	3	\$1,000	B

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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>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>	
<b>Over 600 Volts</b>								
Transformers								
Dry Type	100%			2035	**	3	\$1,500	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : Two 2000 Kva 4160hv-208y/120lv</i>							
Feeders								
Cable	100%			2038	**	1		B
Raceway								
Conduit	90%			2042	**	1		B
Tray	10%			2035	**	1		B
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2042	**	5	\$7,300	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : Two 4000 Amps, Six 3200 Amps And Two 2000 Amps Main Disconnect Switch</i>							
Switchgear / Switchboard								
Fused Disc Sw	20%			2042	**	5	\$200	B
Molded Case Bkrs	80%			2042	**	5	\$5,900	B
Raceway								
Conduit	90%			2042	**	1		B
Tray	10%			2035	**	1		B
Panelboards								
Fused Disc Sw	10%			2038	**	5	\$600	B
Molded Case Bkrs	90%			2038	**	5	\$6,600	B
Wiring								
Thermoplastic	100%			2042	**	1		B
Motor Controllers								
Locally Mounted	50%			2035	**	5	\$900	B
Motor Control Center	50%			2035	**	5	\$3,800	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Mechanical Room</i>							
	<i>Explanation : All Controllers Hooked Up With Vfd And Connected To Bms</i>							
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$4,100	B
<b>Stand-by Power</b>								
Transfer Switches								
Automatic	50%			2035	**	1	\$42,900	B
Automatic	50%			2042	**	1	\$42,900	B
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							

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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>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>	
<b>Stand-by Power</b>								
<b>Generators</b>								
Diesel	50%			2031	**	1	\$54,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : 1000 Kw, Rudox Diesel Genset</i>								
Diesel	50%			2037	**	1	\$54,100	B
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 400 Kw</i>								
<b>Batteries</b>								
Lead/Acid	50%			2016		5	\$5,200	B
Lead/Acid	50%			2017		5	\$5,200	B
<b>Fuel Storage</b>								
Day Tank	25%			2038	**	5	\$8,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 250 Gals</i>								
Day Tank	25%			2047	**	5	\$8,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 250 Gals</i>								
Main Tank	50%			2050	**	5	\$2,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : One 4000 Gals</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	65%			2027	**	10	\$113,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
HID	35%			2027	**	10	\$2,200	B
<b>Egress Lighting</b>								
Emergency, Service	50%			2027	**	1		B
Exit, Service	50%			2027	**	1		B
<b>Exterior Lighting</b>								
Fluorescent	5%			2027	**	10	\$1,300	B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Pedestrian Ramp</i>								
<i>Explanation : Compact Spiral Bulbs</i>								
HID	95%			2027	**	10	\$800	B
<b>Lightning Protection</b>								
<b>Arresters/Cabling</b>								
Generic	100%			2050	**	5	\$5,600	B

**Alarm**

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

**Asset # : 2420**

<b>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>	<b>Priority Code</b>

**Alarm**

Security System								
No Component	70%							D
Generic	30%			2027	**	1	\$31,300	B
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2027	**	1-3	\$51,600	B

<b>Mechanical</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>	<b>Priority Code</b>

**Heating**

Energy Source								
Interruptible Gas/Dual Fuel	100%			2048	**	1		B
Conversion Equipment								
Hot Water Boiler	90%			2039	**	1	\$84,700	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	\$8,800	B
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Concourses</i>					
			<i>Explanation : Gas Fired Radiant Heaters In Ceiling</i>					
Distribution								
Hot Wtr Piping/Pump	100%			2044	**	4	\$14,100	B
Terminal Devices								
Air Handler	60%			2030	**	1	\$70,600	B
Convactor/Radiator	40%			2039	**	1	\$24,600	B

**Air Conditioning**

Energy Source								
Electricity	100%			2044	**	1		B
Conversion Equipment								
Absorption Chiller/Direct Fire	100%			2030	**	1	\$206,000	B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Mechanical Room</i>					
			<i>Explanation : 2 Units - Lithium Bromide Refrigerant</i>					
Distribution								
Chilled Wtr Pipe/Pump	100%			2048	**	4	\$14,100	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	**	1	\$117,700	B
Heat Rejection								
Water Cool Tower	100%			2026	**	2	\$191,600	B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : 4 Cooling Towers Service Both Chillers</i>					

**Ventilation**

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

**Asset # : 2420**

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	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$106,100	B
Exhaust Fans								
Interior	60%			2030	* *	2	\$3,500	B
Roof	40%			2030	* *	2	\$2,300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	* *	1		B
Water Heater								
Electric	100%			2021	\$28,000	4	\$1,700	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Various Locations</i>						
		<i>Explanation : 5 Small Units</i>						
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sewage Ejector(s)								
Electric	100%			2030	* *	4	\$1,600	B
Backflow Preventer								
Generic	100%			2030	* *	1	\$11,700	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 : Three Units, Two Passenger, One Freight</i>						
Escalators								
Under 20' Rise	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1-2</i>						
		<i>Explanation : One Unit</i>						
Fire Suppression								
Standpipe								
Generic	100%			2048	* *	1-5	\$96,000	B
Sprinkler								
Generic	100%			2048	* *	1-2	\$53,300	B

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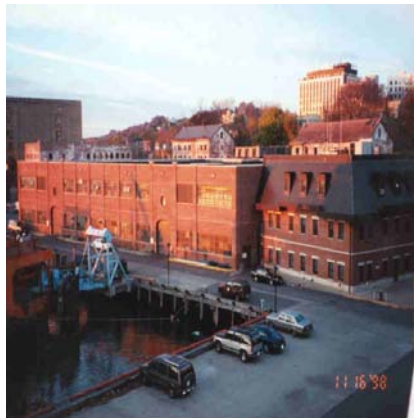
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : VESSEL MAINTENANCE FACILITY  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND      **Agency's Number** : N/A  
**Program / Asset #** : DOT0141.000 / 4379      **Yr Built/Renovated** : 1992 /  
**Area Sq Ft** : 85,000      **Project Type** : FERRIES  
**Date of Survey** : 05-Jul-2011      **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1      **Lot** : 70      **BIN** : 5132949

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

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



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

Architecture	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	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$33,400	A
Masonry: Brick	83%	4+	\$316,900	LIFE	**	5	\$110,800	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	8%			2042	**	5-10	\$73,400	A
Metal Coiling Doors	2%			2035	**	5	\$8,300	A
Pre-Cast Concrete	2%			LIFE	**	5	\$8,700	A
Windows								
Aluminum	100%	Now	\$142,400	2030	**	5	\$9,000	A
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Facade, West Facade</i>								
<i>Glazing Clouded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Around Window Frames Throughout</i>								
Parapets								
Masonry: Brick	85%	Now	\$66,000	LIFE	**	5	\$6,000	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Metal Panel	10%	Now	\$2,600	2042	**	5	\$1,400	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Coping</i>								
Pre-Cast Concrete	5%	Now	\$2,400	LIFE	**	5	\$2,200	A
<i>Open Joints, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	5%			2035	**	10	\$10,000	A
Single Ply Membrane	95%	Now	\$65,800	2022	\$329,200			A
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Lower Roof On South Side</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Third Floor And Machine Shop</i>								

## Interior

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**  
**VESSEL MAINTENANCE FACILITY**  
**Asset # : 4379**

<b>Architecture</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>	
<b>Interior</b>								
<b>Floors</b>								
Carpet	3%			2018	\$41,400	3	\$5,100	C
Cast in Place Concrete	78%	2-4	\$87,700	LIFE	**	5	\$194,600	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	4%			2031	**	5	\$4,600	C
Vinyl Tile	15%	2-4	\$27,600	2027	**	3	\$6,400	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Ceramic Tile	5%			2031	**	5	\$2,300	C
Concrete Masonry Unit	85%			LIFE	**	5	\$15,800	C
Gypsum Board	10%	2-4	\$1,800	LIFE	**	5	\$2,800	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%	Now	\$17,500	2035	**	5	\$5,700	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	\$5,300	B
Exposed Concrete	60%			LIFE	**	5	\$10,700	B
<b>Electrical</b>								
<b>System Component Type</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority Code</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>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2032	**	5	\$400	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	\$400	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	\$2,000	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>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>	
Under 600 Volts								
Wiring								
Thermoplastic	100%			2032	* *	1		B
Motor Controllers								
Locally Mounted	100%			2027	* *	5	\$600	B
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$1,200	B
Lighting								
Interior Lighting								
Fluorescent	70%			2030	* *	10	\$48,900	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	\$11,700	10	\$700	B
Egress Lighting								
Emergency, Battery	50%			2022	\$13,100	10	\$9,200	B
Exit, Service	50%			2022	\$5,300	1		B
Exterior Lighting								
HID	100%			2027	* *	10	\$300	B
<b>Mechanical</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>	
Heating								
Energy Source								
Fuel Oil No 2	100%			2032	* *	5	\$23,600	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	\$351,600	2042	* *	1	\$67,900	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	\$100,900	2022	\$504,400	4	\$3,800	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**

<b>Mechanical</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>	
<b>Heating</b>								
<b>Terminal Devices</b>								
Air Handler	60%	Now	\$70,100	2017	\$233,700	1	\$25,500	B
<i>Broken, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Air Handler</i>								
<i>Not Energy Efficient, Extent : Light, Area Affected : 10%</i>								
<i>Location : System Needs Balancing</i>								
Fan Coil Unit/Heat	40%	Now	\$432,600	2032	**	1	\$8,900	B
<i>Leak Evident, Extent : Light, Area Affected : 5%</i>								
<i>Location : Heating Coils In Second Floor Units</i>								
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Air Conditioning</b>								
<b>Energy Source</b>								
Electricity	100%			2038	**	1		B
<b>Conversion Equipment</b>								
Ext Pkg Unit - Cooling	20%			2022	\$66,700	2	\$900	B
Window/Wall Unit	10%			2020	\$14,800	1		B
No Component	70%							D
<b>Ventilation</b>								
<b>Distribution</b>								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$42,500	B
<b>Exhaust Fans</b>								
Roof	60%	Now	\$3,400	2027	**	2	\$1,100	B
<i>Damaged, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Office Space</i>								
Wall Unit	40%			2027	**	2	\$900	B
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Galv Iron/Steel	100%			2027	**	1		B
<b>Water Heater</b>								
Oil Fired	100%			2020	\$22,400	1	\$2,200	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 117 Gallons</i>								
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	**	1		B
<b>Storm Drain Piping</b>								
Cast Iron	100%			LIFE	**	1		B
<b>Sewage Ejector(s)</b>								
Electric	100%			2027	**	4	\$1,600	B
<b>Fixtures</b>								
Generic	100%							B
<b>Vertical Transport</b>								

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

<b>Mechanical</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>	
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	\$38,400	B
Sprinkler								
Generic	100%			2032	* *	1-2	\$21,300	B

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : WEST MIDTOWN FERRY TERMINAL / PIER 79  
**Address** : HUDSON RIVER AT 39 STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0214.000 / 14635 **Yr Built/Renovated** : 2005 /  
**Area Sq Ft** : 20,200 **Project Type** : FERRIES  
**Date of Survey** : 06-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 665 **Lot** : 14 **BIN** :

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

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



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

Architecture	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	
Exterior								
Exterior Walls								
Metal/Glass Curt Wall	80%	2-4	\$597,500	LIFE	**	5	\$372,400	A
	<i>Water Penetration, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Metal Panel	13%			2048	**	5-10	\$221,900	A
Metal Coiling Doors	2%			2039	**	5	\$15,500	A
Stucco Cement	5%			2035	**	5	\$31,000	A
Parapets								
Metal Rail	100%			2039	**	5-10	\$843,400	A
Roof								
Cast in Place Concrete	20%	Now	\$13,800	LIFE	**			A
	<i>Water Penetration, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Spray-on Foam	80%			2027	**	5	\$226,300	A
Interior								
Floors								
Carpet	35%			2021	\$1,312,000	3	\$162,700	C
Cast in Place Concrete	5%			LIFE	**	5	\$33,900	C
Ceramic Tile	50%	Now	\$569,100	2031	**	5	\$77,500	C
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
	<i>Poor Subfloor Evident, Extent : Severe, Area Affected : 75%</i>							
	<i>Location : Throughout</i>							
Vinyl Tile	10%			2027	**	3	\$11,600	C
Interior Walls								
Ceramic Tile	5%			2031	**	5	\$10,600	C
Concrete Masonry Unit	5%	2-4	\$11,100	LIFE	**	5	\$4,200	C
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
Glass: Special Gauge	40%	Now	\$511,300	LIFE	**	1		C
	<i>Water Penetration, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Gypsum Board	10%			LIFE	**	5	\$12,700	C
Metal Panel	40%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	10%			2039	**	5	\$29,800	B
Embossed Metal	30%	Now	\$148,900	LIFE	**	5	\$40,200	B
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Gypsum Board	60%	Now	\$171,400	LIFE	**	5	\$223,500	B
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							

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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>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>	
<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 Dfiscconnect Switch</i>						
<hr/>								
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>						
<hr/>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2042	**	5	\$100	B
<hr/>								
Raceway								
Conduit	100%			2042	**	1		B
<hr/>								
Panelboards								
Fused Disc Sw	10%			2038	**	5		B
Molded Case Bkrs	90%			2030	**	5	\$500	B
<hr/>								
Wiring								
Thermoplastic	100%			2042	**	1		B
<hr/>								
Motor Controllers								
Locally Mounted	100%			2035	**	5	\$100	B
<hr/>								
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							D
<hr/>								
<b>Stand-by Power</b>								
Transfer Switches								
Automatic	100%			2035	**	1	\$6,200	B
<hr/>								
Generators								
Diesel	100%			2031	**	1	\$7,800	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : One 134 Kw</i>						
<hr/>								
Batteries								
Lead/Acid	100%			2016	\$600	5	\$700	B
<hr/>								
Fuel Storage								
Main Tank	100%			2050	**	5	\$600	B
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	20%			2027	**	10	\$3,700	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Lobby, Facade And Waiting Area</i>						
		<i>Explanation : T-5 Lamps</i>						
<hr/>								
Fluorescent	75%			2027	**	10	\$13,900	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-8 Lamps</i>						
<hr/>								
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>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>	<b>Priority Code</b>
<b>Lighting</b>								
Egress Lighting								
Emergency, Service	70%			2027	**	1		B
Exit, LED	30%			2050	**	1		B
Exterior Lighting								
Fluorescent	20%			2027	**	10	\$400	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
<b>Lightning Protection</b>								
Arresters/Cabling								
Generic	100%			2050	**	5	\$600	B
<b>Alarm</b>								
Security System								
No Component	30%							D
Generic	70%			2027	**	1	\$5,300	B
Fire/Smoke Detection								
Generic	100%			2027	**	1-3	\$12,500	B
<b>Mechanical</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%			2048	**	1		B
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2044	**	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2030	**	2	\$1,200	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>					
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,300	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>					
<b>Plumbing</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**  
**Asset # : 14635**

<b>Mechanical</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>	
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2048	* *	1		B
Water Heater Electric	100%			2021	\$3,000	4	\$200	B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer Generic	100%			2030	* *	1	\$1,200	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 : 1st : 2nd Floor</i>						
		<i>Explanation : One Unit</i>						
<b>Fire Suppression</b>								
Sprinkler Generic	100%			2048	* *	1-2	\$5,700	B
Fire Pump Generic	100%			2035	* *	1	\$3,800	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : WHITEHALL FERRY TERMINAL  
**Address** : SOUTH & WHITEHALL STREETS @ PETER MINUIT PLAZA  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0106.000 / 2418 **Yr Built/Renovated** : 2005 /  
**Area Sq Ft** : 206,998 **Project Type** : FERRIES  
**Date of Survey** : 29-Jun-2011 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3  
**Block** : 2 **Lot** : 1 **BIN** : 1085792

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$17,600	\$23,300		
Interior Architecture	\$25,700		\$2,700	\$14,900
Electrical	\$22,500	\$33,700	\$26,100	\$27,900
Mechanical	\$73,900	\$141,400	\$104,000	\$115,100
Elevators/Escalators	\$32,600	\$32,600	\$32,600	\$32,600
<b>Total</b>	<b>\$172,300</b>	<b>\$230,900</b>	<b>\$165,400</b>	<b>\$190,500</b>
Priority A	\$17,600	\$23,300		
Priority B	\$129,000	\$207,700	\$162,700	\$190,500
Priority C	\$25,700		\$2,700	
<b>Total</b>	<b>\$172,300</b>	<b>\$230,900</b>	<b>\$165,400</b>	<b>\$190,500</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**  
**WHITEHALL FERRY TERMINAL**  
**Asset # : 2418**

Architecture	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	
<b>Exterior</b>								
Exterior Walls								
Metal, Corrugated	7%			2048	**	1		A
Metal Panel	15%			2048	**	5-10	\$256,000	A
Metal Panel	5%			2042	**	5-10	\$85,300	A
Pre-Cast Concrete	3%			LIFE	**	5	\$24,200	A
Window Wall	70%			2048	**	5	\$651,700	A
Parapets								
Concrete Masonry Unit	10%			LIFE	**	5	\$5,300	A
Metal Rail	90%			2039	**	5-10	\$759,100	A
Roof								
Modified Bitumen	80%			2027	**	10	\$169,700	A
Plaza Roof: Stone Panels	20%	Now	\$17,600	2042	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Upper And Lower Viewing Decks</i>								
<i>Explanation : Loose Pavers</i>								
<b>Interior</b>								
Floors								
Cast in Place Concrete	25%			LIFE	**	5	\$169,400	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Ferry Exit Concourses</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At Slips</i>								
<i>Explanation : Movable Steel Boarding Bridges And Gallows Not Included In Survey</i>								
Ceramic Tile	3%			2031	**	5	\$9,300	C
Ceramic Tile	10%			2031	**	5	\$31,000	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Entrance</i>								
<i>Explanation : 12x12 Tile</i>								
Granite Panels	15%			LIFE	**	5	\$34,900	C
Terrazzo	40%	Now	\$109,200	LIFE	**	5	\$96,800	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Main Waiting Room</i>								
Vinyl Tile	7%			2027	**	3	\$8,100	C
Interior Walls								
Concrete Masonry Unit	60%			LIFE	**	5	\$50,700	C
Glass: Special Gauge	10%			LIFE	**	1		C
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Main Waiting Room</i>								
<i>Explanation : Double Glazed Wall And Sliding Boarding Doors</i>								
Gypsum Board	20%			LIFE	**	5	\$25,300	C
Metal Panel	10%	4+	\$5,500	LIFE	**			C
<i>Deformed/Dented, Extent : Light, Area Affected : 5%</i>								
<i>Location : Circular Sheet Metal Column Bases Throughout Waiting Area</i>								

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

Architecture	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	Priority Code

## Interior

## Ceilings

AcousTileSusp.Lay-In	10%			2039	**	5	\$29,800	B
Exposed Struc: Steel	15%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$37,200	B
Metal Panel	65%			LIFE	**	5	\$242,100	B

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	Priority Code

## Under 600 Volts

## Service Equipment

Fused Disc Sw	97%			2048	**	5	\$900	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	\$800	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	\$900	B
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## Raceway

Conduit	100%			2048	**	1		B
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## Panelboards

Fused Disc Sw	30%			2044	**	5	\$1,400	B
Molded Case Bkrs	70%			2044	**	5	\$3,800	B

## Wiring

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

Locally Mounted	20%			2039	**	5	\$300	B
Motor Control Center	80%			2039	**	5	\$4,500	B

## Ground

## Grounding Devices

Generic	100%			LIFE	**	5	\$3,000	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	\$63,700	B
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**DEPARTMENT OF TRANSPORTATION - 841**  
**WHITEHALL FERRY TERMINAL**  
**Asset # : 2418**

<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>Stand-by Power</b>								
Generators								
Diesel	100%			2035	* *	1	\$80,200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Penthouse</i>								
<i>Explanation : One 700 Kva Catterpillar Genset</i>								
<hr/>								
Batteries								
Lead/Acid	100%			2017	\$600	5	\$7,700	B
<hr/>								
Fuel Storage								
Main Tank	100%			2057	* *	5	\$6,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Ground Floor</i>								
<i>Explanation : 2600 Gallon Tank</i>								
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	70%			2030	* *	10	\$132,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
<hr/>								
HID	30%			2030	* *	10	\$2,000	B
<hr/>								
Egress Lighting								
Exit, Service	100%			2030	* *	1		B
<hr/>								
Exterior Lighting								
HID	100%			2027	* *	10	\$600	B
<hr/>								
<b>Lightning Protection</b>								
Arresters/Cabling								
Generic	100%			2057	* *	5	\$6,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Steel Type</i>								
<hr/>								
<b>Alarm</b>								
Fire/Smoke Detection								
No Component	30%							D
Generic	70%			2030	* *	1-3	\$89,300	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>
<b>Heating</b>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Hot Water Boiler	90%			2035	**	1	\$92,100	B
		<i>Other Observation, Extent : Light, Area Affected : 90%</i>						
		<i>Location : 3rd Floor M. E. R.</i>						
		<i>Explanation : 1 Unit</i>						
Radiant Heater	10%			2027	**	2	\$9,600	B
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Street Side Of Main Lobby</i>						
		<i>Explanation : Gas Fired Radiant Heater In Main Lobby Ceiling</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2038	**	4	\$10,200	B
Terminal Devices								
Air Handler	90%			2027	**	1	\$115,200	B
Fan Coil Unit/Heat	10%			2027	**	1	\$6,700	B
Air Conditioning								
Energy Source								
Natural Gas	100%			2048	**	1		B
Conversion Equipment								
Absorption Chiller/Direct Fire	100%			2027	**	1	\$224,000	B
		<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 3rd Floor M. E. R.</i>						
Distribution								
Chilled Wtr Pipe/Pump	100%			2042	**	4	\$10,200	B
Terminal Devices								
Air Handler/Cool/Ht	100%			2027	**	1	\$128,000	B
Heat Rejection								
Water Cool Tower	100%			2023	\$563,200	2	\$208,300	B
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$115,400	B
Exhaust Fans								
Interior	80%			2027	**	2	\$5,100	B
Roof	20%			2027	**	2	\$1,300	B
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	**	1		B
Water Heater								
Gas Fired	100%			2020	\$45,600	2	\$3,000	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	\$1,600	B
Backflow Preventer								
Generic	100%			2027	**	1	\$12,700	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**  
**WHITEHALL FERRY TERMINAL**  
**Asset # : 2418**

<b>Mechanical</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>	
Plumbing								
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : (2) 1-4 (1) 1-3 (1) 1-2</i>						
		<i>Explanation : 4 Units</i>						
Escalators								
Over 20' Rise	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1-2</i>						
		<i>Explanation : 5 Units</i>						
Fire Suppression								
Standpipe								
Generic	100%			2042	* *	1-5	\$104,400	B
Sprinkler								
Generic	100%			2042	* *	1-2	\$58,000	B
Fire Pump								
Generic	100%			2031	* *	1	\$38,700	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ARTERIAL & FLEET SERVICES BOILER HOUSE  
**Address** : 32-11 HARPER STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**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

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

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

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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 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	\$10,000	LIFE	**	5	\$3,100	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
Masonry: Brick	90%	Now	\$159,800	LIFE	**	5	\$11,200	A
<i>Diagonal Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : South Facade. North Facade</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 50%</i>								
<i>Location : North Facade, South Facade, West Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : South Facade</i>								
Wood Overhead Doors	5%	Now	\$18,600	2043	**	5	\$1,600	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade, South Facade, West Facade</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade, South Facade, West Facade</i>								
Windows								
Steel	100%	Now	\$224,900	2048	**	5	\$28,400	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : East Facade, North Facade, South Facade, West Facade</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	95%	Now	\$298,900	LIFE	**	5	\$5,500	A
<i>Diagonal Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	5%	Now	\$2,900	LIFE	**	5	\$1,800	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Coping</i>								
<i>Open Joints, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Coping</i>								
Roof								
Not Accessible	100%							D
Interior								

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 BOILER HOUSE**

**Asset # : 2812**

<b>Architecture</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>	<b>Priority Code</b>

**Interior**

**Floors**

Cast in Place Concrete	100%	Now	\$14,300	LIFE	**	5	\$10,600	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Boiler Room</i>								

**Interior Walls**

Masonry: Brick	100%			LIFE	**			C
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**Ceilings**

Exposed Concrete	100%			LIFE	**	5-10	\$6,000	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>								

<b>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>	<b>Priority Code</b>

**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	\$68,100	2053	**	5		B
<i>On Extended Life, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								

**Raceway**

Conduit	95%	2-4	\$17,300	2053	**	1		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
Conduit	5%			2033	**	1		B

**Panelboards**

Fused Toggle Switch	90%	0-2	\$15,500	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

**Wiring**

Braided Cloth	85%	2-4	\$12,500	2048	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
Thermoplastic	10%			2023	\$1,500	1		B
Thermoplastic	5%			2033	**	1		B

**Ground**

**Grounding Devices**

Not Accessible	100%							D
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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 BOILER HOUSE**

**Asset # : 2812**

<b>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>	<b>Priority Code</b>

**Lighting**

Interior Lighting								
Fluorescent	20%			2018	\$800	10	\$600	B
HID	10%			2018	\$500	10		B
Incandescent	70%			2018	\$2,900	2	\$100	B
Exterior Lighting								
HID	100%			2018	\$300	10		B

<b>Mechanical</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>	<b>Priority Code</b>

**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	\$3,700	1	\$1,600	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	\$9,100	1		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.*

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ARTERIAL & FLEET SERVICES 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

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$4,100		\$5,500	
Interior Architecture	\$100			\$100
Electrical	\$5,200		\$100	
Mechanical	\$100	\$100	\$4,200	\$100
<b>Total</b>	<b>\$9,500</b>	<b>\$100</b>	<b>\$9,900</b>	<b>\$300</b>
Priority A	\$4,100		\$5,500	
Priority B	\$5,300	\$100	\$4,300	\$100
Priority C	\$100			\$100
<b>Total</b>	<b>\$9,500</b>	<b>\$100</b>	<b>\$9,900</b>	<b>\$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 GAS HOUSE**

**Asset # : 564**

<b>Architecture</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>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	95%	Now	\$58,400	LIFE	**	5	\$6,800	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	\$3,400	LIFE	**	5	\$1,200	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>								
<b>Windows</b>								
Glass Block	100%			LIFE	**	5	\$500	A
<b>Parapets</b>								
Masonry: Brick	95%	Now	\$36,000	LIFE	**	5	\$2,200	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	\$800	LIFE	**	5	\$700	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping</i>								
<b>Roof</b>								
Modified Bitumen	100%			2028	**	10	\$5,500	A
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	65%			LIFE	**	5	\$4,200	C
Vinyl Tile	35%			2031	**	3	\$500	C
<b>Interior Walls</b>								
Concrete Masonry Unit	25%			LIFE	**	5		C
Masonry: Brick	75%			LIFE	**			C
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
Exposed Concrete	100%			LIFE	**	5	\$500	B

<b>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>	

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>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>	
<b>Under 600 Volts</b>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	* *	5	\$100	B
Raceway								
Conduit	100%			2023	\$2,700	1		B
Panelboards								
Fused Toggle Switch	40%	2-4	\$2,300	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	\$2,900	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	\$2,000	10	\$900	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	\$1,800	2		B
Exterior Lighting								
HID	100%			2018	\$100	10		B

<b>Mechanical</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>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2033	* *	1		B
Conversion Equipment								
Furnace	100%			2023	\$2,300	1	\$1,000	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	\$3,800	1		B
<b>Ventilation</b>								
Exhaust Fans								
Wall Unit	100%			2023	\$2,800	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**

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



Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ARTERIAL & FLEET SERVICES GUARD HOUSE  
**Address** : 32-11 HARPER STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0092.150 / 174 **Yr Built/Renovated** : 1997 /  
**Area Sq Ft** : 96 **Project Type** : HIGHWAYS  
**Date of Survey** : 14-Sep-2011 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1790 **Lot** : 1 **BIN** : 4444576

**CAPITAL**

**Total**  
 Priority  
**Total**

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture		\$200	\$700	
Interior Architecture		\$100		
Electrical				
Mechanical			\$200	
<b>Total</b>		<b>\$300</b>	<b>\$900</b>	
Priority A		\$200	\$700	
Priority B			\$200	
Priority C		\$100		
<b>Total</b>		<b>\$300</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**  
**ARTERIAL & FLEET SERVICES GUARD HOUSE**

**Asset # : 174**

<b>Architecture</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**

Exterior Walls								
Window Wall	100%			2043	**	5	\$1,400	A
Roof								
Roll Roofing	100%			2022	\$1,100	5	\$500	A

**Interior**

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

<b>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>	

**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
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								

<b>Mechanical</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>	

**Heating**

Energy Source								
Electricity	100%			2043	**	1		B
Conversion Equipment								
Radiant Heater	100%			2023	\$400	2		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Office</i>								
<i>Explanation : 1 Unit</i>								

**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.*

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ARTERIAL & FLEET SERVICES 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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Exterior Architecture	\$1,158,900	\$58,400
Interior Architecture	\$357,800	
Electrical	\$41,800	\$188,000
Mechanical		\$554,100
<b>Total</b>	<b>\$1,558,500</b>	<b>\$800,600</b>
Priority A	\$1,158,900	\$58,400
Priority B	\$94,500	\$742,200
Priority C	\$305,100	
<b>Total</b>	<b>\$1,558,500</b>	<b>\$800,600</b>

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

**Asset # : 2412**

Architecture	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	
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$501,100	LIFE	**	5	\$58,400	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade, North Facade</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North Facade, South Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
<i>Resting Masonry Supt, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Above Overhead Doors</i>								
Metal Coiling Doors	10%			2028	**	5	\$21,500	A
Pre-Cast Concrete	5%	Now	\$21,500	LIFE	**	5	\$11,200	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Window Sills</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Building Base</i>								
Windows								
Aluminum	25%			2039	**	5	\$4,100	A
Glass Block	75%			LIFE	**	5	\$7,700	A
Parapets								
Masonry: Brick	95%	Now	\$300,000	LIFE	**	5	\$27,400	A
<i>Diagonal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : East Facade</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade, South Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Interior Face</i>								
Pre-Cast Concrete	5%	Now	\$9,800	LIFE	**	5	\$9,100	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping</i>								
<i>Open Joints, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping</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**  
**ARTERIAL & FLEET SERVICES MAIN GARAGE**

**Asset # : 2412**

Architecture	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	
<b>Exterior</b>								
<b>Roof</b>								
Asphalt Shingle	65%	Now	\$113,300	2032	**			A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Ridge</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Garage Area</i>								
Modified Bitumen	30%	Now	\$88,600	2028	**			A
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Garage Area At Highway Columns</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Garage Area</i>								
Skylight, Plastic	5%	Now	\$155,900	2036	**	1		A
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Garage Area</i>								
<i>Water Penetration, Extent : Light, Area Affected : 25%</i>								
<i>Location : Garage Area</i>								
<b>Interior</b>								
<b>Floors</b>								
Asphalt Macadam	90%	Now	\$244,300	2028	**	5	\$21,200	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Uneven Substrate, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	2%			2032	**	5	\$1,900	C
Vinyl Tile	8%	Now	\$60,700	2033	**	3	\$2,800	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Office Areas</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Office Areas</i>								
<b>Interior Walls</b>								
Cast in Place Concrete	5%	Now	\$14,000	LIFE	**			C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Columns</i>								
Concrete Masonry Unit	30%	Now	\$29,400	LIFE	**	5	\$2,800	C
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Wall Dividing Garage Areas</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Wall Dividing Garage Areas</i>								
Masonry: Brick	65%			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  
ARTERIAL & FLEET SERVICES MAIN GARAGE**

**Asset # : 2412**

<b>Architecture</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>	
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$7,200	2028	**	5	\$2,400	B
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Toilets</i>								
Exposed Struc: Steel	20%			LIFE	**			B
Exposed Struc: Wood	60%			LIFE	**			B
<i>Water Penetration, Extent : Light, Area Affected : 20%</i>								
<i>Location : Garage Area</i>								
Plaster	15%	Now	\$52,700	LIFE	**	5	\$8,800	B
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : East And North Areas Of Garage</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East And North Areas Of Garage</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Garage</i>								

<b>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>	
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2023	\$106,000	5	\$1,700	B
Raceway								
Conduit	50%			2033	**	1		B
Conduit	50%			2023	\$16,900	1		B
Panelboards								
Fused Toggle Switch	5%	2-4	\$3,700	2048	**	5		B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Painting Work Shop</i>								
Molded Case Bkrs	55%			2031	**	5	\$900	B
Molded Case Bkrs	40%			2022	\$29,800	5	\$700	B
Wiring								
Braided Cloth	40%	2-4	\$12,100	2048	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	60%			2033	**	1		B
Motor Controllers								
Locally Mounted	50%			2028	**	5	\$200	B
Locally Mounted	50%			2021	\$10,800	5	\$200	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.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTERIAL & FLEET SERVICES MAIN GARAGE**

**Asset # : 2412**

<b>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>	<b>Priority Code</b>
<b>Lighting</b>								
Interior Lighting Fluorescent	10%			2018	\$8,000	10	\$5,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
HID	50%			2023	\$52,200	10	\$1,000	B
HID	40%			2018	\$41,800	10	\$800	B
Egress Lighting Exit, Service	100%			2018	\$8,700	1		B
Exterior Lighting HID	100%			2018	\$10,700	10	\$200	B
<b>Mechanical</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	\$72,900	1	\$31,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 50 Direct Fired Unit Heaters</i>								
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2031	* *	1		B
Conversion Equipment Window/Wall Unit	10%			2018	\$12,300	1		B
No Component	90%							D
<b>Ventilation</b>								
Exhaust Fans Wall Unit	100%			2023	\$90,200	2	\$1,900	B
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2023	\$178,200	1		B
Water Heater Electric	100%			2016	\$9,200	4	\$500	B
Sanitary Piping Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		B
Fixtures Generic	100%							B
<b>Fire Suppression</b>								
Standpipe Generic	100%			2023	\$212,900	1-5	\$31,700	B

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ARTERIAL & FLEET SERVICES OFFICE & STOREHOUSE  
**Address** : 32-11 HARPER STREET  
**Borough** : QUEENS Agency's Number : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Exterior Architecture	\$336,900	
Interior Architecture	\$210,000	\$17,300
Electrical		\$114,800
<b>Total</b>	<b>\$546,900</b>	<b>\$132,100</b>
Priority A	\$336,900	
Priority B	\$95,900	\$114,800
Priority C	\$114,100	\$17,300
<b>Total</b>	<b>\$546,900</b>	<b>\$132,100</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$20,600		\$28,700	\$1,900
Interior Architecture	\$8,600	\$800	\$5,900	\$13,500
Electrical	\$5,100		\$11,100	
Mechanical	\$700	\$800	\$17,500	\$700
<b>Total</b>	<b>\$35,000</b>	<b>\$1,600</b>	<b>\$63,200</b>	<b>\$16,100</b>
Priority A	\$20,600		\$28,700	\$1,900
Priority B	\$13,800	\$800	\$31,900	\$700
Priority C	\$500	\$800	\$2,700	\$13,500
<b>Total</b>	<b>\$35,000</b>	<b>\$1,600</b>	<b>\$63,200</b>	<b>\$16,100</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**  
**ARTERIAL & FLEET SERVICES OFFICE & STOREHOUSE**

**Asset # : 2406**

Architecture	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		
Exterior									
Exterior Walls									
Masonry: Brick	75%	Now	\$246,700	LIFE	**	5	\$21,600	A	
<i>Horizontal Cracks, Extent : Severe, Area Affected : 25%</i>									
<i>Location : West Facade, East Facade</i>									
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 100%</i>									
<i>Location : West Facade, East Facade</i>									
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>									
<i>Location : North Facade</i>									
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 10%</i>									
<i>Location : West Facade</i>									
<i>Resting Masonry Supt, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Throughout</i>									
Masonry: Granite	5%	Now	\$16,100	LIFE	**	5	\$1,100	A	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Bases Of Piers Along South Facade</i>									
Metal Sect. OHD	5%			2028	**	5	\$4,500	A	
Pre-Cast Concrete	5%	Now	\$4,500	LIFE	**	5	\$4,700	A	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : North Facade, Widow Sills</i>									
Stucco Cement	10%			2028	**	5	\$7,200	A	
Windows									
Aluminum	50%			2039	**	5	\$3,800	A	
Glass Block	50%			LIFE	**	5	\$2,300	A	
Parapets									
Masonry: Brick	95%	Now	\$40,200	LIFE	**	5	\$2,400	A	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Throughout</i>									
<i>Misaligned/Bowing, Extent : Severe, Area Affected : 25%</i>									
<i>Location : West Facade</i>									
Metal Panel	5%			2043	**	5	\$500	A	
Roof									
Modified Bitumen	95%			2028	**	10	\$22,600	A	
Skylight, Metal/Glass	5%	Now	\$50,000	2033	**			A	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Over Mens Locker Room</i>									
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Over Mens Locker Room</i>									

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

**Asset # : 2406**

<b>Architecture</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>	
<b>Interior</b>								
<b>Floors</b>								
Carpet	5%			2019	\$13,000	3	\$2,100	C
Cast in Place Concrete	45%			LIFE	**	5	\$21,200	C
Ceramic Tile	5%			2032	**	5	\$1,100	C
Vinyl Tile	25%			2018	\$43,300	3	\$2,000	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 9x9 Tiles</i>								
Vinyl Tile	10%			2023	\$17,300	3	\$800	C
Wood	10%			2038	**	5	\$4,000	C
<b>Interior Walls</b>								
Masonry: Brick	60%	Now	\$70,800	LIFE	**			C
<i>Diagonal Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Storage Space</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Storage Space</i>								
Plaster	20%			LIFE	**	5	\$600	C
Plywood/Hardboard	10%			LIFE	**			C
SGFT/Glazed Masonry	10%			LIFE	**			C
<b>Ceilings</b>								
AcousTileSusp.Lay-In	30%			2028	**	5	\$6,400	B
Exposed Concrete	20%			LIFE	**	5	\$700	B
Exposed Struc: Wood	25%	Now	\$95,900	LIFE	**			B
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Storage Area</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Storage Area</i>								
Gypsum Board	10%			LIFE	**	5	\$2,700	B
Plaster	15%	Now	\$8,000	LIFE	**	5	\$2,000	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Mens Locker Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Mens Locker Room</i>								

<b>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>	
<b>Under 600 Volts</b>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2023	\$60,600	5	\$300	B
<b>Raceway</b>								
Conduit	50%			2023	\$9,700	1		B
Conduit	50%			2033	**	1		B
<b>Panelboards</b>								
Molded Case Bkrs	80%			2031	**	5	\$200	B
Molded Case Bkrs	20%			2022	\$4,600	5	\$100	B

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**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>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>	
<b>Under 600 Volts</b>								
<b>Wiring</b>								
Braided Cloth	20%	2-4	\$4,900	2048	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	80%			2033	**	1		B
<b>Motor Controllers</b>								
Locally Mounted	100%			2021	\$8,100	5	\$100	B
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	90%			2023	\$54,200	10	\$11,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
HID	5%			2018	\$3,900	10		B
Incandescent	5%			2018	\$3,000	2		B
<b>Exterior Lighting</b>								
HID	100%			2018	\$4,000	10		B
<b>Mechanical</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>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	100%			2033	**	1		B
<b>Conversion Equipment</b>								
Furnace	100%			2023	\$16,600	1	\$7,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 30 Direct Fired Unit Heaters</i>								
<b>Air Conditioning</b>								
<b>Energy Source</b>								
Electricity	100%			2031	**	1		B
<b>Conversion Equipment</b>								
Window/Wall Unit	60%			2018	\$16,800	1		B
No Component	40%							D
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
Brass/Copper	100%			2033	**	1		B
<b>Water Heater</b>								
Electric	100%			2021	\$2,100	4	\$100	B
<b>Sanitary Piping</b>								
Cast Iron	100%			LIFE	**	1		B
<b>Storm Drain Piping</b>								
Cast Iron	100%			LIFE	**	1		B
<b>Fixtures</b>								
Generic	100%							B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTERIAL & FLEET SERVICES OFFICE & STOREHOUSE**  
**Asset # : 2406**

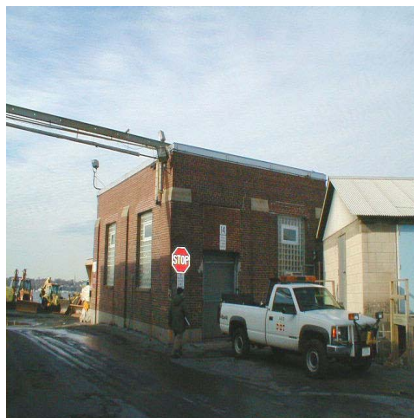
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : **ARTERIAL & FLEET SERVICES STORAGE 1**  
Address : **32-11 HARPER STREET**  
Borough : **QUEENS** Agency's Number : **N/A**  
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 2016 - 2019	FY 2020 - 2025
Exterior Architecture	\$55,100	
<b>Total</b>	<b>\$55,100</b>	
Priority A	\$55,100	
<b>Total</b>	<b>\$55,100</b>	

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

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

Architecture		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	
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$55,100	LIFE	**	5	\$9,600	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Corners</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Facade, West Facade</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	10%			2028	**	5	\$3,500	A
Pre-Cast Concrete	5%	Now	\$3,600	LIFE	**	5	\$1,800	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Window Sills, Building Base</i>								
Windows								
Glass Block	100%			LIFE	**	5	\$2,600	A
Parapets								
Masonry: Brick	95%	Now	\$16,800	LIFE	**	5	\$1,500	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Corners</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2043	**	5	\$300	A
Roof								
Modified Bitumen	95%			2028	**	10	\$7,900	A
Skylight, Metal/Glass	5%	Now	\$11,600	2033	**			A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Main Roof</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Main Roof</i>								
Interior								
Floors								
Cast in Place Concrete	80%			LIFE	**	5	\$7,700	C
Vinyl Tile	20%			2018		3	\$300	C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 9x9 Tiles</i>								
Interior Walls								
Masonry: Brick	100%			LIFE	**			C
Ceilings								
Exposed Struc: Wood	100%			LIFE	**			B

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

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPARTMENT OF TRANSPORTATION - 841  
ARTERIAL & FLEET SERVICES STORAGE 1**

**Asset # : 2407**

<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	\$2,700	1		B
Panelboards								
Fused Disc Sw	20%			2031	* *	5		B
Fused Toggle Switch	80%	2-4	\$4,600	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	\$2,100	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	\$1,900	5		B
<b>Lighting</b>								
Interior Lighting								
Fluorescent	95%			2023	\$5,600	10	\$2,600	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Using T-12 Lamps</i>						
HID	5%			2018	\$100	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	\$3,400	1	\$1,500	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	\$4,200	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 STORAGE 1**

**Asset # : 2407**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</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>Code</b>
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BAYRIDGE GARAGE  
**Address** : 8501 FIFTH AVENUE @ 85TH ST.  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0203.000 / 14316 **Yr Built/Renovated** : 1972 /  
**Area Sq Ft** : 88,950 **Project Type** : HIGHWAYS  
**Date of Survey** : 07-Mar-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2,3,4  
**Block** : 6036 **Lot** : 1 **BIN** : 3153196

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

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

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

Architecture	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	
Exterior								
Exterior Walls								
Cast in Place Concrete	35%			LIFE	**	5	\$112,200	A
Concrete Masonry Unit	10%	Now	\$25,000	LIFE	**	5	\$2,000	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade</i>								
Masonry: Brick	16%			LIFE	**	5	\$10,300	A
Masonry: Granite	2%			LIFE	**	5	\$1,000	A
Metal Panel	15%			2035	**	5-10	\$33,100	A
Metal Coiling Doors	2%			2038	**	5	\$2,000	A
Pre-Cast Concrete	10%			LIFE	**	5	\$20,800	A
Window Wall	10%			2045	**	5	\$12,000	A
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West And South Sides</i>								
<i>Explanation : Sections Of The First Floor Are Occupied By A Bank And Stores</i>								
Windows								
Metal Louvers	25%			2034	**	10	\$3,000	A
No Component	75%							D
Parapets								
Cast in Place Concrete	85%			LIFE	**	5	\$50,600	A
Metal Rail	5%			2038	**	5-10	\$2,600	A
Metal: Cage/Fence	10%	4+	\$1,100	2030	**	5	\$900	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Facade</i>								
Roof								
Traffic Topping	95%	Now	\$67,300	2030	**			A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Level 4</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Level 4</i>								
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.

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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**

<b>Architecture</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>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	25%	Now	\$59,700	LIFE	**	5	\$66,200	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Near Basement Entrance</i>								
Ceramic Tile	2%			2034	**	5	\$2,400	C
Traffic Topping	70%	Now	\$199,400	2030	**	5	\$53,000	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	\$29,300	2035	**	3	\$1,400	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>								
<b>Interior Walls</b>								
Cast in Place Concrete	70%			LIFE	**	10	\$20,300	C
Ceramic Tile	2%			2034	**	5	\$200	C
Concrete Masonry Unit	20%			LIFE	**	5	\$1,900	C
Masonry: Brick	8%			LIFE	**	10	\$300	C
<b>Ceilings</b>								
Exposed Concrete	100%	Now	\$73,900	LIFE	**	5	\$18,900	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Level 4</i>								

<b>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>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2025	\$5,300	5	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 800 Amperes</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2025	\$30,300	5	\$2,300	B
<b>Raceway</b>								
Conduit	100%			2025	\$37,500	1		B
<b>Panelboards</b>								
Fused Disc Sw	20%			2024	\$5,700	5	\$400	B
Molded Case Bkrs	80%			2024	\$22,900	5	\$1,900	B
<b>Wiring</b>								
Thermoplastic	100%			2025	\$27,800	1		B
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							D

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**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	\$67,300	2035	* *			B
	<i>Inadequate Ltg Level, Extent : Moderate, Area Affected : 100%</i> <i>Location : Throughout The Building</i>							
Fluorescent	50%			2020	\$74,800	10	\$37,100	B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : Throughout The Building</i> <i>Explanation : T-12 Lamps</i>							
Incandescent	5%			2020	\$7,500	2	\$100	B
<b>Egress Lighting</b>								
Exit, Service	100%			2025	\$11,100	1		B
<b>Exterior Lighting</b>								
Fluorescent	50%			2020	\$8,200	10	\$4,100	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%			2020	\$2,300	10	\$100	B
<b>Alarm</b>								
<b>Security System</b>								
No Component	80%							D
Generic	20%			2020	\$51,000	1	\$6,600	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>							
<b>Fire/Smoke Detection</b>								
No Component	80%							D
Generic, Analog	20%			2020	\$174,600			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%			2035	* *	1		B
<b>Conversion Equipment</b>								
Radiant Heater	5%	0-2	\$200	2035	* *	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%			2033	* *	1		B

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

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
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	5%			2018	\$7,900	1		B
No Component	95%							D
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2035	* *	1		B
No Component	95%							D
Water Heater								
Electric	5%			2018	\$600	4		B
No Component	95%							D
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Submersible	100%			2016	\$6,300	4	\$2,500	B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Level 1 - Roof</i>							
	<i>Explanation : 2 Units</i>							
Fire Suppression								
Standpipe								
Generic	100%			2035	* *	1-5	\$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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BRIDGES IRON SHOP  
**Address** : 59 ADAMS STREET UNDER MANHATTAN BRIDGE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0216.000 / 14714 **Yr Built/Renovated** : 1910 /  
**Area Sq Ft** : 50,000 **Project Type** : HIGHWAYS  
**Date of Survey** : 20-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 39 **Lot** : 1 **BIN** :

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$14,300		\$6,100	
Interior Architecture			\$23,900	\$2,400
Electrical	\$1,700	\$900	\$1,600	\$900
Mechanical	\$44,300	\$6,000	\$33,200	\$6,100
<b>Total</b>	<b>\$60,200</b>	<b>\$6,900</b>	<b>\$64,800</b>	<b>\$9,400</b>
Priority A	\$14,300		\$6,100	
Priority B	\$46,000	\$6,900	\$58,300	\$7,100
Priority C			\$400	\$2,400
<b>Total</b>	<b>\$60,200</b>	<b>\$6,900</b>	<b>\$64,800</b>	<b>\$9,400</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**  
**BRIDGES IRON SHOP**  
**Asset # : 14714**

<b>Architecture</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>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Concrete Masonry Unit	95%	2-4	\$145,600	LIFE	**	5	\$46,600	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Metal Sect. OHD	5%			2038	**	5	\$12,300	A
<b>Windows</b>								
Steel	100%	2-4	\$156,700	2041	**	5	\$65,900	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<b>Parapets</b>								
Cast Stone/Terra Cotta	10%	2-4	\$5,000	LIFE	**	5	\$3,200	A
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	90%	2-4	\$9,300	LIFE	**	5	\$4,200	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Plaza Roof: Stone Panels	100%	Now	\$265,900	2035	**			A
<i>Miss/Damaged Flashings, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	90%			LIFE	**	5	\$264,200	C
Ceramic Tile	5%			2034	**	5	\$3,400	C
Vinyl Tile	5%			2030	**	3	\$1,300	C
<b>Interior Walls</b>								
Ceramic Tile	5%			2034	**	5	\$1,400	C
Concrete Masonry Unit	95%	0-2	\$54,500	LIFE	**	5	\$10,400	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	70%			2038	**	5	\$47,000	B
Exposed Struc: Steel	30%			LIFE	**	10	\$40,300	B

<b>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>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Not Accessible	100%							D
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2035	**	5	\$200	B
<b>Raceway</b>								
Conduit	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**  
**BRIDGES IRON SHOP**  
**Asset # : 14714**

<b>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>	<b>Priority Code</b>
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
Fused Disc Sw	10%			2033	**	5	\$100	B
Molded Case Bkrs	90%			2033	**	5	\$1,200	B
<b>Wiring</b>								
Thermoplastic	100%			2035	**	1		B
<b>Motor Controllers</b>								
Locally Mounted	80%			2030	**	5	\$300	B
Locally Mounted	20%			2038	**	5	\$100	B
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$1,500	B
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	60%			2025	\$49,700	10	\$24,700	B
		<i>T-12 Lamps, Extent : Moderate, Area Affected : 60%</i>						
		<i>Location : Throughout The Building</i>						
HID	35%			2025	\$8,100	10	\$500	B
Incandescent	5%			2025	\$4,100	2	\$100	B
<b>Egress Lighting</b>								
Emergency, Battery	100%			2025	\$15,400	10	\$10,800	B
<b>Exterior Lighting</b>								
HID	100%			2025	\$2,500	10	\$200	B
<b>Alarm</b>								
<b>Security System</b>								
No Component	50%							D
Generic	50%			2033	**	1	\$9,300	B
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2033	**			B
<b>Mechanical</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>	<b>Priority Code</b>
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	100%			2045	**	1		B
<b>Conversion Equipment</b>								
Furnace	50%			2030	**	1	\$11,100	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 2 Units</i>						
Radiant Heater	50%			2030	**	2	\$10,400	B
<b>Distribution</b>								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$39,600	B
<b>Terminal Devices</b>								
Air Handler	50%			2030	**	1	\$13,900	B
Fan Coil Unit/Heat	50%			2030	**	1	\$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**  
**BRIDGES IRON SHOP**  
**Asset # : 14714**

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

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

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

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



Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BRONX COMMISSIONER OFFICE  
**Address** : 1400 WILLIAMSBRIDGE ROAD @ ROBERTS AVE.  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0215.000 / 14713 **Yr Built/Renovated** : 1926 / 2014  
**Area Sq Ft** : 17,760 **Project Type** : HIGHWAYS  
**Date of Survey** : 09-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,3  
**Block** : 4074 **Lot** : 1 **BIN** : 2044091

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Interior Architecture	\$189,800		\$33,400	\$14,900
Electrical	\$8,000	\$300	\$400	\$500
Mechanical	\$6,200	\$1,600	\$2,600	\$1,600
<b>Total</b>	<b>\$204,000</b>	<b>\$2,000</b>	<b>\$36,300</b>	<b>\$17,100</b>
Priority B	\$18,100	\$2,000	\$36,300	\$2,100
Priority C	\$186,000			\$14,900
<b>Total</b>	<b>\$204,000</b>	<b>\$2,000</b>	<b>\$36,300</b>	<b>\$17,100</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**  
**BRONX COMMISSIONER OFFICE**  
**Asset # : 14713**

Architecture	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	
<b>Exterior</b>								
Exterior Walls Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Building Covered With Netting</i>								
<hr/>								
Windows Wood	100%	Now	\$307,400	2033	**	5	\$144,400	A
<i>Air Infiltration, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Parapets Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Building Covered With Netting</i>								
<hr/>								
Roof Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Work In Progress</i>								
<hr/>								
<b>Interior</b>								
<b>Floors</b>								
Carpet	30%	Now	\$102,000	2024	\$255,000	3	\$31,600	C
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	5%			LIFE	**	5	\$15,400	C
Ceramic Tile	5%	Now	\$25,800	2034	**	5	\$1,800	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Marble Panels	5%	2-4	\$48,200	LIFE	**	5	\$2,600	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Terrazzo	5%	2-4	\$15,500	LIFE	**	5	\$2,700	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	50%	0-2	\$84,900	2025	\$283,100	3	\$13,200	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</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**  
**BRONX COMMISSIONER OFFICE**  
**Asset # : 14713**

<b>Architecture</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>	
<b>Interior</b>								
<b>Interior Walls</b>								
Ceramic Tile	5%	0-2	\$34,000	2034	**	5	\$1,600	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Gypsum Board	85%	Now	\$43,500	LIFE	**	5	\$33,200	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	5%			LIFE	**	10	\$1,000	C
Marble Panels	5%	2-4	\$49,200	LIFE	**			C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	95%			2038	**	5	\$66,700	B
Exposed Concrete	5%			LIFE	**	5-10	\$4,400	B
<b>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>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2025	\$3,100	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1- 600 Amps Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2025	\$60,600	5	\$500	B
<b>Raceway</b>								
Conduit	90%			2025	\$17,500	1		B
Conduit	10%			2045	**	1		B
<b>Panelboards</b>								
Fused Disc Sw	5%			2024	\$1,100	5		B
Molded Case Bkrs	70%			2024	\$16,100	5	\$300	B
Molded Case Bkrs	25%			2041	**	5	\$100	B
<b>Wiring</b>								
Braided Cloth	30%	2-4	\$7,400	2050	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	40%			2025	\$9,800	1		B
Thermoplastic	30%			2045	**	1		B
<b>Motor Controllers</b>								
Locally Mounted	100%			2023	\$8,100	5	\$100	B
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$500	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**  
**BRONX COMMISSIONER OFFICE**  
**Asset # : 14713**

<b>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>	

**Alarm**

Security System								
No Component	50%							D
Generic	50%			2030	**	1	\$3,300	B
Fire/Smoke Detection								
Generic, Analog	100%			2020	\$174,300			B

<b>Mechanical</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>	

**Heating**

Energy Source								
Natural Gas	100%			2045	**	1		B
Conversion Equipment								
Hot Water Boiler	100%			2030	**	1	\$8,800	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Units</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2024	\$84,600	4	\$1,300	B
Terminal Devices								
Convactor/Radiator	100%			2023	\$159,000	1	\$5,700	B

**Air Conditioning**

Energy Source								
Electricity	100%			2033	**	1		B
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2020	\$8,600	1	\$1,200	B
<i>On Extended Life, Extent : Light, Area Affected : 15%</i>								
<i>Location : 1st Floor A C Room</i>								
<i>R-22 Refrigerant, Extent : Light, Area Affected : 15%</i>								
<i>Location : Top Of Staircase, Roof</i>								
Ext Pkg Unit - Cooling	20%			2020	\$15,500	2	\$200	B
<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>								
<i>Location : Roof, Top Of Staircase</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Roof, Top Of Staircase</i>								
<i>Explanation : On Extended Life</i>								
No Component	65%							D
Terminal Devices								
Direct Expansion	15%			2020	\$2,700	1		B
<i>On Extended Life, Extent : Severe, Area Affected : 15%</i>								
<i>Location : 1st Floor A C Room</i>								
No Component	85%							D

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Estimates are rounded to the nearest hundred dollars.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**BRONX COMMISSIONER OFFICE**  
**Asset # : 14713**

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	Priority Code
Air Conditioning								
Heat Rejection								
Air Condenser Unit	15%	0-2	\$1,800	2035	* *	2	\$1,500	B
		<i>Other Observation, Extent : Severe, Area Affected : 15%</i>						
		<i>Location : Roof, Top Of Staircase</i>						
		<i>Explanation : Obsolete Unit</i>						
No Component	85%							D
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	\$6,300	B
No Component	60%							D
Exhaust Fans								
Interior	15%			2020	\$2,800	2	\$100	B
Roof	25%			2020	\$3,300	2	\$100	B
No Component	60%							D
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	* *	1		B
Water Heater								
Gas Fired	100%			2023	\$3,900	2	\$300	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.

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : CASTLETON DEPOT  
**Address** : 5 DUBOIS AVENUE @ HURST ST.  
**Borough** : STATEN ISLAND      **Agency's Number** : N/A  
**Program / Asset #** : DOT0220.000 / 14718      **Yr Built/Renovated** : 1980 / 2013  
**Area Sq Ft** : 32,500      **Project Type** : HIGHWAYS  
**Date of Survey** : 06-Mar-2014      **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 215      **Lot** : 100      **BIN** : 5104536

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$19,800		\$8,000	
Interior Architecture	\$8,700		\$500	\$100
Electrical	\$500		\$400	
Mechanical	\$4,000	\$3,200	\$2,600	\$2,900
<b>Total</b>	<b>\$33,100</b>	<b>\$3,200</b>	<b>\$11,500</b>	<b>\$3,000</b>
Priority A	\$19,800		\$8,000	
Priority B	\$6,200	\$3,200	\$3,000	\$2,900
Priority C	\$7,100		\$500	\$100
<b>Total</b>	<b>\$33,100</b>	<b>\$3,200</b>	<b>\$11,500</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**  
**CASTLETON DEPOT**  
**Asset # : 14718**

<b>Architecture</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>	
<b>Exterior</b>								
Exterior Walls								
Fiberglass Panel	35%			2040	**	5	\$67,000	A
Masonry: Brick	50%	0-2	\$146,000	LIFE	**	5	\$25,500	A
<i>Diagonal Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2055	**	5-10	\$17,500	A
Metal Sect. OHD	10%			2038	**	5	\$16,000	A
<b>Windows</b>								
Aluminum	100%			2050	**	5	\$6,900	A
<b>Parapets</b>								
Cast Stone/Terra Cotta	10%			LIFE	**	5-10	\$7,700	A
Masonry: Brick	90%			LIFE	**	5-10	\$16,700	A
<b>Roof</b>								
Single Ply Membrane	80%			2035	**	10	\$33,200	A
Skylight, Metal/Glass	20%			2055	**	10	\$27,700	A
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	95%	0-2	\$81,700	LIFE	**	5	\$90,600	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Quarry Tile	1%			2038	**	5	\$700	C
Vinyl Tile	4%			2030	**	3	\$700	C
<b>Interior Walls</b>								
Ceramic Tile	1%			2034	**	5	\$200	C
Concrete Masonry Unit	96%			LIFE	**	5	\$13,600	C
Metal Panel	1%			LIFE	**	10	\$100	C
Plaster	1%			LIFE	**	5-10	\$200	C
SGFT/Glazed Masonry	1%			LIFE	**	10	\$100	C
<b>Ceilings</b>								
AcousTileSusp.Lay-In	3%	0-2	\$1,000	2038	**	5	\$700	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Embossed Metal	1%			LIFE	**	5	\$400	B
Exposed Concrete	1%			LIFE	**	5-10	\$500	B
Exposed Struc: Steel	95%			LIFE	**	10	\$82,900	B

<b>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>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2035	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Amps Main Disconnect Switch</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**  
**CASTLETON DEPOT**  
**Asset # : 14718**

<b>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>	
<b>Under 600 Volts</b>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	50%			2035	**	5	\$100	B
Molded Case Bkrs	50%			2035	**	5	\$400	B
<b>Raceway</b>								
Conduit	100%			2035	**	1		B
<b>Panelboards</b>								
Fused Disc Sw	5%			2033	**	5		B
Molded Case Bkrs	95%			2033	**	5	\$800	B
<b>Wiring</b>								
Thermoplastic	100%			2035	**	1		B
<b>Motor Controllers</b>								
Locally Mounted	100%			2030	**	5	\$200	B
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$1,000	B
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	100%			2035	**	10	\$26,700	B
<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2025	\$5,000	10	\$3,500	B
Exit, Service	50%			2025	\$2,000	1		B
<b>Exterior Lighting</b>								
HID	100%			2025	\$1,700	10	\$100	B

<b>Mechanical</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>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	100%			2035	**	1		B
<b>Conversion Equipment</b>								
Furnace	75%			2030	**	1	\$10,800	B
Hot Water Boiler	25%			2030	**	1	\$3,600	B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Room 203</i>								
<i>Explanation : 1 Unit</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	25%			2033	**	4	\$500	B
No Component	75%							D
<b>Terminal Devices</b>								
Fan Coil Unit/Heat	15%			2025	\$62,000	1	\$1,400	B
Unit Heater-Stm/HW	10%			2025	\$17,800	4	\$400	B
No Component	75%							D

**Air Conditioning**

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

*Estimates are rounded to the nearest hundred dollars.*

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**CASTLETON DEPOT**  
**Asset # : 14718**

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Energy Source							
Electricity	100%			2033	* *	1	B
Conversion Equipment							
Int Pkg Unit - Cooling	20%			2023	\$71,100	2	\$400 B
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>					
		<i>Location : Room 202</i>					
Window/Wall Unit	10%			2020	\$5,700	1	B
No Component	70%						D
Ventilation							
Distribution							
Ductwork/Diffusers	20%			LIFE	* *	2-5	\$5,100 B
No Component	80%						D
Exhaust Fans							
Interior	20%			2025	\$6,100	2	\$200 B
No Component	80%						D
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2025	\$82,500	1	B
Water Heater							
Gas Fired	100%			2023	\$6,400	2	\$400 B
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%			2025	\$322,500	1-2	\$8,200 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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : COURT SQUARE-GARAGE  
**Address** : COURT SQUARE & THOMSON AVE.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0123.000 / 2422 **Yr Built/Renovated** : 1989 /  
**Area Sq Ft** : 241,855 **Project Type** : HIGHWAYS  
**Date of Survey** : 01-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,3,4  
**Block** : 83 **Lot** : 18 **BIN** : 4000699

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$800			\$2,400
Interior Architecture	\$11,500			\$10,600
Electrical	\$5,400	\$1,800	\$5,000	\$7,900
Mechanical	\$11,400	\$6,500	\$6,000	\$7,900
Elevators/Escalators	\$7,900	\$7,900	\$7,900	
<b>Total</b>	<b>\$36,900</b>	<b>\$16,200</b>	<b>\$18,900</b>	<b>\$22,700</b>
Priority A	\$800			\$2,400
Priority B	\$24,600	\$16,200	\$18,900	\$10,600
Priority C	\$11,500			\$7,900
<b>Total</b>	<b>\$36,900</b>	<b>\$16,200</b>	<b>\$18,900</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**  
**COURT SQUARE-GARAGE**  
**Asset # : 2422**

Architecture	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		
Exterior									
Exterior Walls									
Cast in Place Concrete	80%	Now	\$974,800	LIFE	**	5	\$1,823,500	A	
	<i>Spalling, Extent : Light, Area Affected : 5%</i>								
	<i>Location : Southwest Facade</i>								
	<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
	<i>Location : Wall Adjacent To Ramp On Northeast Side</i>								
Masonry: Brick	15%	Now	\$391,100	LIFE	**	5	\$68,400	A	
	<i>Diagonal Cracks, Extent : Severe, Area Affected : 10%</i>								
	<i>Location : Throughout</i>								
	<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 20%</i>								
	<i>Location : Northeast Facade</i>								
	<i>Misaligned/Bulging, Extent : Severe, Area Affected : 10%</i>								
	<i>Location : At Corners</i>								
	<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
	<i>Location : Northeast Facade</i>								
Masonry: Limestone	2%	Now	\$188,800	LIFE	**	5	\$6,800	A	
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
	<i>Location : Coping Over Free Standing Walls</i>								
Window Wall	3%			2045	**	5	\$51,300	A	
Parapets									
Cast in Place Concrete	95%	Now	\$69,300	LIFE	**	5	\$118,700	A	
	<i>Diagonal Cracks, Extent : Light, Area Affected : 30%</i>								
	<i>Location : Throughout</i>								
	<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 10%</i>								
	<i>Location : Throughout</i>								
Metal Rail	5%	Now	\$800	2038	**	5	\$4,300	A	
	<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
	<i>Location : Rail Supports</i>								
Roof									
Cast in Place Concrete	95%	Now	\$114,900	LIFE	**			A	
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
	<i>Location : Structural Connection Points</i>								
	<i>Expansion Jnt Failure, Extent : Severe, Area Affected : 10%</i>								
	<i>Location : All Stair Locations, Building Corners</i>								
Copper/Terne	5%			2053	**	10	\$23,200	A	
Interior									
Floors									
Cast in Place Concrete	97%	Now	\$310,300	LIFE	**	5	\$688,700	C	
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
	<i>Location : Throughout</i>								
Ceramic Tile	1%			2034	**	5	\$3,200	C	
Vinyl Tile	2%	2-4	\$10,500	2020	\$52,300	3	\$2,400	C	
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
	<i>Location : Office</i>								

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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**  
**COURT SQUARE-GARAGE**  
**Asset # : 2422**

<b>Architecture</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>	
<b>Interior</b>								
<b>Interior Walls</b>								
Cast in Place Concrete	18%	Now	\$284,700	LIFE	**			C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Structural Columns - Level 4</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Northeast Wall - Dept Of Transportation Storage Area</i>								
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Near Stairwells</i>								
<i>Explanation : Separation From Deck</i>								
Concrete Masonry Unit	80%	Now	\$222,200	LIFE	**	5	\$42,200	C
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Near Southern Stairwells</i>								
Gypsum Board	2%	Now	\$1,000	LIFE	**	5	\$1,600	C
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout Office</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	2%	Now	\$49,800	2045	**	5	\$3,200	B
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Office</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Office</i>								
Exposed Concrete	98%	Now	\$485,000	LIFE	**	5	\$49,700	B
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Structural Beams</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Structural Connections At Northwest And Northeast Corners</i>								
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Building Corners Near Stairwells - All Levels</i>								
<i>Explanation : Separation Of Structural Elements</i>								

<b>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>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2035	**	5	\$1,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2035	**	5	\$1,000	B
<b>Raceway</b>								
Conduit	100%			2035	**	1		B
<b>Panelboards</b>								
Fused Disc Sw	5%			2033	**	5	\$300	B
Molded Case Bkrs	95%			2033	**	5	\$6,000	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**  
**COURT SQUARE-GARAGE**  
**Asset # : 2422**

<b>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>	
Under 600 Volts								
Wiring								
Thermoplastic	100%			2035	* *	1		B
Motor Controllers								
Locally Mounted	100%			2030	* *	5	\$1,600	B
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$7,100	B
Lighting								
Interior Lighting								
Fluorescent	2%			2025	\$8,000	10	\$4,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office</i>								
<i>Explanation : T-12 Lamps</i>								
HID	98%			2025	\$109,000	10	\$6,900	B
Egress Lighting								
Emergency, Battery	70%			2025	\$52,300	10	\$36,600	B
Exit, Service	30%			2025	\$9,000	1		B
Exterior Lighting								
HID	100%			2025	\$12,300	10	\$700	B
Alarm								
Security System								
No Component	80%							D
Generic	20%			2025	\$138,700	1	\$18,100	B

<b>Mechanical</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>	
Heating								
Energy Source								
Electricity	100%			2035	* *	1		B
Conversion Equipment								
Radiant Heater	3%			2025	\$27,100	2	\$3,000	B
<i>Other Observation, Extent : Light, Area Affected : 3%</i>								
<i>Location : 1st Level</i>								
<i>Explanation : Management Office And Sprinkler Room Only</i>								
No Component	97%							D
Terminal Devices								
Fan Coil Unit/Heat	3%			2025	\$2,800	1	\$2,100	B
No Component	97%							D
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	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**  
**COURT SQUARE-GARAGE**  
**Asset # : 2422**

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	2%			2020	\$8,500	1	B	
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : 1st Level</i>						
		<i>Explanation : Management Office Only</i>						
No Component	98%						D	
Ventilation								
Distribution								
Ductwork/Diffusers	2%			LIFE	**	2-5	\$3,800	B
No Component	98%							D
Exhaust Fans								
Interior	2%			2025	\$4,500	2	\$100	B
No Component	98%							D
Plumbing								
H/C Water Piping								
Brass/Copper	3%			2035	**	1		B
No Component	97%							D
Water Heater								
Electric	2%			2018	\$600	4		B
No Component	98%							D
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2020	\$10,500	4	\$2,500	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1-4</i>						
		<i>Explanation : Two Units</i>						
Fire Suppression								
Standpipe								
Generic	100%			2025	\$733,500	1-5	\$113,400	B
Sprinkler								
No Component	80%							D
Generic	20%			2025	\$480,000	1-2	\$12,200	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : DELANCEY - ESSEX GARAGE  
**Address** : 107 ESSEX STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0205.000 / 14318 **Yr Built/Renovated** : 1972 /  
**Area Sq Ft** : 130,000 **Project Type** : HIGHWAYS  
**Date of Survey** : 18-Oct-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2,3,4,5,6  
**Block** : 410 **Lot** : 38 **BIN** : 1005326

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$55,400			
Interior Architecture	\$900		\$1,800	\$400
Electrical	\$21,100	\$500	\$500	\$2,200
Mechanical	\$19,000		\$500	
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
<b>Total</b>	<b>\$108,300</b>	<b>\$12,300</b>	<b>\$14,600</b>	<b>\$14,500</b>
Priority A	\$55,400			
Priority B	\$51,900	\$12,300	\$14,600	\$14,000
Priority C	\$900			\$400
<b>Total</b>	<b>\$108,300</b>	<b>\$12,300</b>	<b>\$14,600</b>	<b>\$14,500</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**  
**DELANCEY - ESSEX GARAGE**  
**Asset # : 14318**

Architecture		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	
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$50,200	A
Masonry: Brick	15%			LIFE	**	5	\$15,100	A
<i>Repairs in Progress, Extent : Light, Area Affected : 25%</i>								
<i>Location : East And West Facades</i>								
<i>Sidewalk Shed in Use, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East And West Facades</i>								
Metal Panel	3%			2045	**	5-10	\$10,400	A
Pre-Cast Concrete	72%			LIFE	**	5	\$234,900	A
Windows								
Aluminum	100%			2041	**	5	\$3,000	A
Parapets								
Cast in Place Concrete	20%			LIFE	**	5	\$12,400	A
Masonry: Brick	5%			LIFE	**	5-10	\$1,000	A
Metal Panel	2%			2045	**	5	\$200	A
Metal: Cage/Fence	10%	2-4	\$2,300	2030	**	5	\$1,000	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : South Facade</i>								
Pre-Cast Concrete	63%			LIFE	**	5	\$23,900	A
Roof								
Traffic Topping	95%	Now	\$140,400	2025	\$351,100			A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Sixth Level</i>								
<i>Expansion Jnt Failure, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Sixth Level</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Sixth Level</i>								
Not Accessible	5%							D
Interior								
Floors								
Cast in Place Concrete	98%	0-2	\$342,000	LIFE	**	5	\$379,500	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	2%			2020	\$28,500	3	\$1,800	C
Interior Walls								
Cast in Place Concrete	92%			LIFE	**	10	\$39,000	C
Concrete Masonry Unit	5%			LIFE	**	5	\$700	C
Masonry: Brick	3%			LIFE	**	10	\$200	C
Ceilings								
AcousTile,Adhered	2%			2023	\$31,200	5	\$3,500	B
Exposed Concrete	98%			LIFE	**	5-10	\$216,900	B
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Level 5</i>								

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**  
**DELANCEY - ESSEX GARAGE**  
**Asset # : 14318**

<b>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>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2025	\$16,200	5	\$3,400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : No Nameplate Ratings Available</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	\$50,500	5	\$3,400	B
Raceway								
Conduit	100%			2025	\$58,200	1		B
Panelboards								
Molded Case Bkrs	100%			2024	\$40,200	5	\$3,400	B
Wiring								
Thermoplastic	100%			2025	\$44,800	1		B
Motor Controllers								
Locally Mounted	100%			2030	* *	5	\$900	B
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$3,800	B
<b>Lighting</b>								
Interior Lighting								
Fluorescent	75%			2020	\$163,900	10	\$81,400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-12 Lamps</i>						
Fluorescent	25%	0-2	\$54,600	2035	* *			B
		<i>Inadequate Ltg Level, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Egress Lighting								
Emergency, Battery	50%			2020	\$20,400	10	\$14,300	B
Exit, Battery	50%			2020	\$40,800	10	\$4,000	B
Exterior Lighting								
HID	100%			2020	\$6,600	10	\$400	B
<b>Alarm</b>								
Security System								
No Component	90%							D
Generic	10%			2020	\$37,300	1	\$4,900	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</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, Analog	10%	Now	\$127,600	2035	* *			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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
<b>Heating</b>								
Energy Source								
Electricity	100%			2035	* *	1		B
Conversion Equipment								
Radiant Heater	3%			2025	\$100	2		B
<i>Other Observation, Extent : Light, Area Affected : 3%</i>								
<i>Location : Office On 1st Level</i>								
<i>Explanation : 1 Unit - Only The Office Has This Heating Device</i>								
No Component	97%							D
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2033	* *	1		B
Conversion Equipment								
Window/Wall Unit	3%			2023	\$6,900	1		B
<i>Other Observation, Extent : Light, Area Affected : 3%</i>								
<i>Location : Management Office</i>								
<i>Explanation : 1 Unit</i>								
No Component	97%							D
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	\$5,200	B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : 2nd Level Fan Room</i>								
<i>Explanation : The Ductwork In 2nd Level Fan Room Has Not Been Used For Many Years</i>								
No Component	95%							D
Exhaust Fans								
Interior	5%	Now	\$6,000	2035	* *	2	\$100	B
<i>Obsolete Equipment, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 2nd Level Fan Room</i>								
No Component	95%							D
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	5%			2025	\$16,700	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	\$3,100	LIFE	* *	1		B
<i>Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 3rd Level</i>								
Sump Pump(s)								
Submersible	100%			2016	\$6,300	4	\$2,500	B
Sewage Ejector(s)								
Electric	100%			2020	\$10,500	4	\$2,500	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		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Code
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE		* *		C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Parking Levels 1-6</i>							
	<i>Explanation : 2 Units - 1 Of Them Is Out Of Service</i>							

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : DOT EMERGENCY RESPONSE UNIT  
**Address** : 5-40 44TH DRIVE @ VERNON BLVD & EAST RIVER  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0218.000 / 14716 **Yr Built/Renovated** : 1931 / 2013  
**Area Sq Ft** : 20,000 **Project Type** : HIGHWAYS  
**Date of Survey** : 29-Oct-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 24 **Lot** : 7 **BIN** :

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$26,500			
Electrical	\$15,000	\$400	\$400	\$500
Mechanical	\$2,000	\$200	\$400	\$6,500
<b>Total</b>	<b>\$43,500</b>	<b>\$600</b>	<b>\$800</b>	<b>\$7,000</b>
Priority A	\$26,500			
Priority B	\$17,000	\$600	\$800	\$7,000
<b>Total</b>	<b>\$43,500</b>	<b>\$600</b>	<b>\$800</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**  
**DOT EMERGENCY RESPONSE UNIT**  
**Asset # : 14716**

<b>Architecture</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>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	60%	Now	\$271,900	LIFE	**	5	\$23,800	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	40%	Now	\$340,900	2030	**	5	\$24,800	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<b>Windows</b>								
Steel	100%	Now	\$145,900	2050	**	5	\$18,400	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Parapets</b>								
Cast Stone/Terra Cotta	10%	Now	\$26,500	LIFE	**	5	\$4,300	A
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	90%	4+	\$108,300	LIFE	**	5	\$4,900	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Entire Roof</i>								
<i>Explanation : Although Not Accessible, Roof Is Assumed To Be In Poor Condition</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%	Now	\$41,900	LIFE	**	5	\$46,500	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Masonry: Brick	100%	Now	\$139,300	LIFE	**			C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
Exposed Struc: Wood	100%	2-4	\$252,800	LIFE	**			B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

<b>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>	

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**DOT EMERGENCY RESPONSE UNIT**  
**Asset # : 14716**

<b>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>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2055	**	5	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Amps Main Disconect Switch</i>								
<hr/>								
Raceway								
Conduit	40%			2055	**	1		B
Conduit	60%			2025	\$13,200	1		B
<hr/>								
Panelboards								
Fused Disc Sw	5%			2050	**	5		B
Molded Case Bkrs	50%			2050	**	5	\$300	B
Molded Case Bkrs	45%			2024	\$5,200	5	\$200	B
<hr/>								
Wiring								
Thermoplastic	60%			2055	**	1		B
Thermoplastic	40%			2025	\$6,200	1		B
<hr/>								
Motor Controllers								
Locally Mounted	100%			2045	**	5	\$100	B
<hr/>								
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$600	B
<hr/>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	20%			2030	**	10	\$3,700	B
<i>T-12 Lamps, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Office</i>								
Fluorescent	78%			2020	\$28,800	10	\$14,300	B
<i>T-12 Lamps, Extent : Moderate, Area Affected : 78%</i>								
<i>Location : Throughout The Building</i>								
Incandescent	2%			2020	\$700	2		B
<hr/>								
Egress Lighting								
Exit, Service	100%			2035	**	1		B
<hr/>								
Exterior Lighting								
HID	20%			2035	**	10		B
HID	80%			2020	\$800	10		B
<hr/>								
<b>Alarm</b>								
Security System								
No Component	50%							D
Generic	50%			2035	**	1	\$3,700	B

<b>Mechanical</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>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2051	**	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.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**DOT EMERGENCY RESPONSE UNIT**  
**Asset # : 14716**

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code	
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)		Estimated Cost
Heating								
Conversion Equipment								
Furnace	15%			2033	* *	1	\$1,500	B
No Component	85%							D
Air Conditioning								
Energy Source								
Electricity	100%			2041	* *	1		B
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	15%			2029	* *	2	\$200	B
		<i>Other Observation, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Office</i>						
		<i>Explanation : 410a Refrigerant</i>						
No Component	85%							D
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	\$2,600	B
No Component	85%							D
Exhaust Fans								
Interior	15%			2033	* *	2	\$100	B
Wall Unit	5%			2020		2	\$1,400	B
No Component	80%							D
Plumbing								
H/C Water Piping								
Brass/Copper	15%			2051	* *	1		B
No Component	85%							D
Water Heater								
Gas Fired	15%			2024		2	\$700	B
No Component	85%							D
Sanitary Piping								
Cast Iron	15%			LIFE	* *	1		B
No Component	85%							D
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Sump Pump(s)								
Submersible	100%			2019		4	\$2,500	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : E. 149 STREET GARAGE  
**Address** : 315 EAST 149 STREET  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0206.000 / 14319 **Yr Built/Renovated** : 1974 / 2008  
**Area Sq Ft** : 112,035 **Project Type** : HIGHWAYS  
**Date of Survey** : 09-Jun-2014 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3,4,5  
**Block** : 2331 **Lot** : 22 **BIN** : 2000927

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$42,900		\$9,500	
Interior Architecture	\$8,900			\$2,900
Electrical	\$4,000	\$800	\$800	\$800
Mechanical	\$400	\$400	\$1,100	\$300
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
<b>Total</b>	<b>\$61,100</b>	<b>\$6,100</b>	<b>\$16,400</b>	<b>\$9,000</b>
Priority A	\$42,900		\$9,500	
Priority B	\$9,300	\$6,100	\$6,900	\$6,100
Priority C	\$8,900			\$2,900
<b>Total</b>	<b>\$61,100</b>	<b>\$6,100</b>	<b>\$16,400</b>	<b>\$9,000</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**  
**E. 149 STREET GARAGE**  
**Asset # : 14319**

Architecture		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	Priority Code
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$21,000	A
Concrete Masonry Unit	35%			LIFE	**	5	\$18,400	A
Masonry: Brick Cavity	5%	Now	\$7,500	LIFE	**	5	\$2,100	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
Metal Coiling Doors	5%			2038	**	5	\$6,600	A
Metal: Cage/Fence	5%			2038	**	5	\$9,200	A
Pre-Cast Concrete	40%			LIFE	**	5	\$109,400	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North And South Facades</i>								
<i>Explanation : Metal Infills</i>								
Window Wall	5%			2045	**	5	\$7,900	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Section Of First Floor On The South Side</i>								
<i>Explanation : Commercial Space Use</i>								
Parapets								
Concrete Masonry Unit	40%			LIFE	**	5-10	\$6,600	A
Metal Rail	5%			2038	**	5-10	\$2,700	A
Pre-Cast Concrete	55%			LIFE	**	5	\$20,900	A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North And South Parapets</i>								
<i>Explanation : Metal Infills</i>								
Roof								
Traffic Topping	95%			2030	**	10	\$102,100	A
Not Accessible	5%							D
Interior								
Floors								
Cast in Place Concrete	94%			LIFE	**	5	\$627,400	C
Ceramic Tile	3%			2034	**	5	\$4,600	C
Vinyl Tile	3%			2025	\$36,900	3	\$2,300	C
Interior Walls								
Cast in Place Concrete	8%			LIFE	**	10	\$2,900	C
Concrete Masonry Unit	83%			LIFE	**	5	\$9,700	C
Glass: Single Pane	2%			LIFE	**	5	\$400	C
Masonry: Brick	7%			LIFE	**	10	\$300	C
Ceilings								
AcousTileSusp.Lay-In	2%			2030	**	5	\$3,100	B
Exposed Concrete	98%			LIFE	**	5-10	\$186,900	B

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	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**  
**E. 149 STREET GARAGE**  
**Asset # : 14319**

<b>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>	
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2045	**	5	\$3,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 500 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	**	5	\$3,000	B
Raceway								
Conduit	100%			2045	**	1		B
Panelboards								
Molded Case Bkrs	100%			2041	**	5	\$3,000	B
Wiring								
Thermoplastic	100%			2045	**	1		B
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$3,300	B
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2030	**	10	\$93,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T- 8 Lamps</i>								
Egress Lighting								
Exit, Service	100%			2030	**	1		B
Exterior Lighting								
HID	100%			2030	**	10	\$300	B
<b>Alarm</b>								
Security System								
No Component	80%							D
Generic	20%			2030	**	1	\$8,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Only</i>								
<i>Explanation : 6 CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
No Component	95%							D
Generic, Analog	5%			2025			\$55,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 5th And 4th Floor</i>								
<i>Explanation : Alarm Bells</i>								
<b>Mechanical</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>	
<b>Heating</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**  
**E. 149 STREET GARAGE**  
**Asset # : 14319**

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
<b>Heating</b>							
Conversion Equipment Radiant Heater	2%			2025	\$100	2	B
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
	<i>Location : Office Only</i>						
	<i>Explanation : 1 Unit</i>						
No Component	98%						D
<b>Air Conditioning</b>							
Energy Source Electricity	100%			2033	**	1	B
Conversion Equipment Window/Wall Unit	2%			2020	\$4,000	1	B
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
	<i>Location : Office Only</i>						
	<i>Explanation : 1 Unit</i>						
No Component	98%						D
<b>Distribution</b>							
No Component	0%						D
<b>Ventilation</b>							
Exhaust Fans Wall Unit	5%			2020	\$7,300	2	\$200 B
No Component	95%						D
<b>Plumbing</b>							
H/C Water Piping Brass/Copper	5%			2035	**	1	B
No Component	95%						D
Water Heater Electric	5%			2018	\$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	50%						D
Generic	50%			2020	\$4,700	1	\$3,100 B
Fixtures Generic	100%						B
<b>Vertical Transport</b>							
Elevators Geared Traction	100%			LIFE	**		C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
	<i>Location : 1-4 &amp; Roof</i>						
	<i>Explanation : 1 Unit</i>						
<b>Fire Suppression</b>							
Standpipe Generic	100%			2035	**	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.

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

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

## DEPARTMENT OF TRANSPORTATION - 841

## E. 149 STREET GARAGE

Asset # : 14319

Mechanical		Current Repair		Future Replacement		Maintenance		Priority	
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Code
Fire Suppression									
Sprinkler									
	No Component	98%							D
	Generic	2%			2025	\$200	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FLATLANDS AVENUE YARD MAIN BUILDING  
**Address** : 6080 FLATLANDS AVE.  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0125.000 / 1000 **Yr Built/Renovated** : 1939 /  
**Area Sq Ft** : 20,821 **Project Type** : HIGHWAYS  
**Date of Survey** : 03-Mar-2011 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 8012 **Lot** : 400 **BIN** : 3325350

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$45,900	\$3,800	\$7,300	
Interior Architecture	\$44,500			\$200
Electrical	\$32,700	\$34,100	\$100	\$100
Mechanical	\$13,700	\$10,600	\$4,700	\$2,900
<b>Total</b>	<b>\$136,800</b>	<b>\$48,600</b>	<b>\$12,200</b>	<b>\$3,100</b>
Priority A	\$45,900	\$3,800	\$7,300	
Priority B	\$46,500	\$44,700	\$4,800	\$3,000
Priority C	\$44,500			\$200
<b>Total</b>	<b>\$136,800</b>	<b>\$48,600</b>	<b>\$12,200</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  
FLATLANDS AVENUE YARD MAIN BUILDING**

**Asset # : 1000**

Architecture	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	
Exterior								
Exterior Walls								
Masonry: Brick	87%	Now	\$122,100	LIFE	**	5	\$21,300	A
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Masonry Openings Of Windows</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Resting Masonry Supt, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Masonry Openings</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Chimney</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Window Openings</i>								
Metal Coiling Doors	10%			2027	**	5	\$7,700	A
Stucco Cement	3%	Now	\$20,200	2042	**	5	\$900	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Bulkhead</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Bulkhead</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Bulkhead</i>								
Windows								
Aluminum	100%			2038	**	5	\$3,300	A
Parapets								
Masonry: Brick	90%	Now	\$25,600	LIFE	**	5	\$2,300	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Interior Face</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Interior Face</i>								
Masonry: Limestone	10%			LIFE	**	5	\$300	A
Roof								
Built-Up (BUR)	10%			2022		10	\$4,000	A
<i>Gravel/Slag Surface, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Flat Section</i>								
Metal Panel	87%			2035	**	10	\$63,700	A
Roll Roofing	3%			2018		5	\$2,000	A
Interior								
Floors								
Cast in Place Concrete	90%	Now	\$24,800	LIFE	**	5	\$55,000	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Shop Area</i>								
Ceramic Tile	5%			2025		5	\$1,400	C
Vinyl Tile	5%			2022		3	\$700	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  
FLATLANDS AVENUE YARD MAIN BUILDING**

**Asset # : 1000**

<b>Architecture</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>	<b>Priority Code</b>	
<b>Interior</b>									
<b>Interior Walls</b>									
Concrete Masonry Unit	5%			LIFE	**	5	\$200	C	
Glass: Single Pane	2%			LIFE	**	5	\$200	C	
Masonry: Brick	93%	Now	\$19,500	LIFE	**			C	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Upper Level</i>									
<b>Ceilings</b>									
Exposed Concrete	10%			LIFE	**	5	\$400	B	
Exposed Struc: Steel	90%			LIFE	**			B	
<b>Electrical</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%			2022	\$1,600	5	\$100	B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : One Electrical Service Rated At 400 Amps</i>									
<b>Raceway</b>									
Conduit	100%			2022	\$22,000	1		B	
<b>Panelboards</b>									
Molded Case Bkrs	100%			2021	\$17,200	5	\$500	B	
<b>Wiring</b>									
Braided Cloth	80%	2-4	\$32,400	2047	**	1		B	
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Office Plus Electrical Room</i>									
Thermoplastic	20%			2022	\$3,100	1		B	
<b>Motor Controllers</b>									
Locally Mounted	100%			2020	\$12,900	5	\$100	B	
<b>Ground</b>									
<b>Grounding Devices</b>									
Generic	100%			LIFE	**	5	\$300	B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Basement</i>									
<i>Explanation : Water Main</i>									
<b>Lighting</b>									
<b>Interior Lighting</b>									
Fluorescent	30%			2017	\$41,400	10	\$5,100	B	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Throughout The Building</i>									
<i>Explanation : T-8 Lamps</i>									
HID	70%			2030	**	10	\$400	B	
<b>Egress Lighting</b>									
Exit, Service	50%			2017	\$1,300	1		B	
Exit, Battery	50%			2017	\$6,400	10	\$600	B	

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*\*\* 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**

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

## Lighting

Exterior Lighting Not Accessible	100%							D
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## Alarm

Fire/Smoke Detection No Component	90%							D
Generic	10%			2017	\$20,400	1-3	\$1,300	B

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

## Heating

Energy Source Natural Gas	100%			2032	**	1		B
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Conversion Equipment Steam Boiler	100%			2027	**	1	\$18,500	B
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Basement*

*Explanation : 2 Units, One Of Them Is Obsolete*

Distribution Steam Piping/Pump	100%	0-2	\$37,100	2032	**	4	\$900	B
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*Other Observation, Extent : Severe, Area Affected : 25%*

*Location : Shop Floor*

*Explanation : Piping Underneath Shop Floor Corroded & Leaking*

Terminal Devices Convactor/Radiator	15%			2020	\$25,100	1	\$900	B
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Fan Coil Unit/Heat	85%			2022	\$225,200	1	\$5,100	B
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## Air Conditioning

Energy Source Electricity	100%			2030	**	1		B
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Conversion Equipment Window/Wall Unit	10%			2017	\$3,600	1		B
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No Component	90%							D
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## Ventilation

Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$10,400	B
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Exhaust Fans Roof	30%			2022	\$4,200	2	\$200	B
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Wall Unit	70%			2022	\$18,700	2	\$400	B
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## Plumbing

H/C Water Piping Brass/Copper	100%			2022	\$52,800	1		B
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Water Heater Gas Fired	100%			2017	\$4,100	2	\$300	B
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Sanitary Piping Cast Iron	100%			LIFE	**	1		B
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Storm Drain Piping Cast Iron	100%			LIFE	**	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.*

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**DEPARTMENT OF TRANSPORTATION - 841  
FLATLANDS AVENUE YARD MAIN BUILDING**

**Asset # : 1000**

<b>Mechanical</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>	
Plumbing								
Sump Pump(s)								
Rigid Piping	100%	0-2	\$10,500	2032	* *	4	\$1,600	B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
Generic	100%			2022	\$206,600	1-2	\$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.*

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FLATLANDS AVENUE YARD 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**

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$29,400	\$6,100	\$200	
Interior Architecture	\$100	\$500	\$100	
Electrical		\$200		
Mechanical	\$1,600	\$1,400	\$100	\$100
<b>Total</b>	<b>\$31,000</b>	<b>\$8,200</b>	<b>\$400</b>	<b>\$100</b>
Priority A	\$29,400	\$6,100	\$200	
Priority B	\$1,600	\$2,100	\$100	\$100
Priority C	\$100		\$100	
<b>Total</b>	<b>\$31,000</b>	<b>\$8,200</b>	<b>\$400</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**  
**FLATLANDS AVENUE YARD WAREHOUSE & WELDING SHOP**

**Asset # : 1036**

<b>Architecture</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>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	85%	Now	\$23,900	LIFE	**	5	\$2,800	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	\$1,500	A
<b>Windows</b>								
Aluminum	100%			2038	**	5	\$400	A
<b>Parapets</b>								
Masonry: Brick	95%	Now	\$5,400	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
<b>Roof</b>								
Built-Up (BUR)	100%			2027	**	10	\$5,300	A
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	70%			LIFE	**	5	\$5,700	C
Ceramic Tile	5%			2031	**	5	\$200	C
Vinyl Tile	25%			2027	**	3	\$400	C
<b>Interior Walls</b>								
Gypsum Board	25%			LIFE	**	5	\$200	C
Masonry: Brick	75%			LIFE	**			C
<b>Ceilings</b>								
AcousTileSusp.Lay-In	25%			2027	**	5	\$900	B
Exposed Concrete	75%			LIFE	**	5	\$400	B

<b>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>	
<b>Under 600 Volts</b>								
<b>Raceway</b>								
Conduit	100%			2022	\$22,000	1		B
<b>Panelboards</b>								
Molded Case Bkrs	100%			2030	**	5	\$100	B
<b>Wiring</b>								
Thermoplastic	100%			2032	**	1		B

**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**  
**FLATLANDS AVENUE YARD WAREHOUSE & WELDING SHOP**

**Asset # : 1036**

<b>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>	<b>Priority Code</b>

**Lighting**

Interior Lighting  
Fluorescent

85%  
2022 \$3,900 10 \$1,900 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>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>	<b>Priority Code</b>

**Heating**

Distribution

Steam Piping/Pump 100% 2032 \* \* 4 \$200 B

Terminal Devices

Convactor/Radiator 100% 2027 \* \* 1 \$800 B

**Air Conditioning**

Energy Source

Electricity 100% 2030 \* \* 1 B

Conversion Equipment

Window/Wall Unit 20% 2017 \$1,000 1 B

No Component 80% D

**Ventilation**

Exhaust Fans

Wall Unit 100% 2022 \$3,600 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.*

*Estimates are rounded to the nearest hundred dollars.*

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : GLENDALE YARD BLDG. 1 (SHOPS & OFFICES)  
**Address** : 69-46 SYBILLA STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0126.000 / 2423 **Yr Built/Renovated** : 1928 /  
**Area Sq Ft** : 16,416 **Project Type** : HIGHWAYS  
**Date of Survey** : 17-Oct-2012 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3886 **Lot** : 558 **BIN** : 4095043

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$54,900			\$10,900
Interior Architecture	\$30,500		\$300	\$2,100
Electrical	\$10,000	\$100	\$200	\$32,000
Mechanical	\$900	\$1,900	\$3,000	\$11,300
<b>Total</b>	<b>\$96,200</b>	<b>\$1,900</b>	<b>\$3,400</b>	<b>\$56,200</b>
Priority A	\$54,900			\$10,900
Priority B	\$40,600	\$1,900	\$3,100	\$43,300
Priority C	\$700		\$300	\$2,100
<b>Total</b>	<b>\$96,200</b>	<b>\$1,900</b>	<b>\$3,400</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  
GLENDALE YARD BLDG. 1 (SHOPS & OFFICES)**

**Asset # : 2423**

Architecture	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	
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$600	A
Masonry: Brick	40%	Now	\$88,500	LIFE	**	5	\$7,700	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South Facade at Plumbing Shops</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade, Throughout</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : North Facade, Throughout</i>								
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : North Facade, Throughout</i>								
Metal Panel	10%			2034	**	5-10	\$13,300	A
Metal Coiling Doors	5%			2029	**	5	\$3,000	A
Stucco Cement	40%	Now	\$42,500	2029	**	5	\$9,700	A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Side Above Roll-up Door, South Facade</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : East Facade, Throughout</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade</i>								
Windows								
Steel	70%	Now	\$90,100	2049	**	5	\$11,400	A
<i>Air Infiltration, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Bent/Warped Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Wood	30%	Now	\$20,700	2049	**	5	\$3,900	A
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, 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  
GLENDALE YARD BLDG. 1 (SHOPS & OFFICES)**

**Asset # : 2423**

Architecture	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	
Exterior								
Parapets								
Masonry: Brick	25%	Now	\$5,600	LIFE	**	5	\$500	A
	<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : South Facade, Throughout</i>							
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : North Facade, South Facade, Throughout</i>							
Pre-Cast Concrete	5%	Now	\$300	LIFE	**	5	\$600	A
	<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Coping</i>							
	<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Coping</i>							
Wood Cornice	70%	Now	\$28,200	2034	**	5	\$8,300	A
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : South Facade</i>							
	<i>Dry Rot/Decay, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : South Facade</i>							
Roof								
Asphalt Shingle	75%	Now	\$76,900	2039	**			A
	<i>Debris on Roof, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : South Facade</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
Metal Panel	10%			2029	**	10	\$5,800	A
Not Accessible	15%							D
Interior								
Floors								
Cast in Place Concrete	80%			LIFE	**	5	\$38,600	C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Interior Not Accessible</i>							
Vinyl Tile	10%			2024	\$17,800	3	\$800	C
Wood	10%			2039	**	5	\$4,100	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**  
**GLENDALE 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

## Interior Walls

Cast in Place Concrete	15%			LIFE	**			C
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout*

*Explanation : Interior Not Accessible*

Concrete Masonry Unit	5%			LIFE	**	5	\$200	C
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Gypsum Board	15%			LIFE	**	5	\$800	C
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Masonry: Brick	55%			LIFE	**			C
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Plaster	10%	Now	\$700	LIFE	**	5	\$300	C
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*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*

## Ceilings

Exposed Concrete	15%			LIFE	**	5	\$500	B
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout*

*Explanation : Interior Not Accessible*

Exposed Struc: Steel	10%			LIFE	**			B
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Fiber Board	65%	Now	\$29,800	2024	\$148,900			B
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*Broken/Missing Elements, Extent : Moderate, Area Affected : 25%*

*Location : Throughout*

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

*Location : Throughout*

Wood	10%			LIFE	**	5	\$19,300	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%			2024	\$1,000	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	100%			2024	\$22,000	1		B
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## Panelboards

Fused Disc Sw	20%			2023	\$2,300	5	\$100	B
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Fused Knife Sw	20%	2-4	\$2,300	2049	**	5		B
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*Obsolete Equipment, Extent : Moderate, Area Affected : 100%*

*Location : Throughout*

*On Extended Life, Extent : Severe, Area Affected : 100%*

*Location : Throughout*

Molded Case Bkrs	60%			2023	\$6,900	5	\$300	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**  
**GLENDALE YARD BLDG. 1 (SHOPS & OFFICES)**

**Asset # : 2423**

<b>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>	
<b>Under 600 Volts</b>								
<b>Wiring</b>								
Braided Cloth	50%	2-4	\$7,700	2049	* *	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	50%			2024	\$7,700	1		B
<b>Motor Controllers</b>								
Locally Mounted	100%			2022	\$8,600	5	\$100	B
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							D
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	70%			2019	\$19,000	10	\$9,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
HID	30%			2019	\$2,300	10	\$100	B
<b>Exterior Lighting</b>								
HID	100%			2019	\$800	10	\$100	B
<b>Alarm</b>								
<b>Security System</b>								
Not Accessible	100%							D
<b>Fire/Smoke Detection</b>								
Not Accessible	100%							D

<b>Mechanical</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>	
<b>Heating</b>								
<b>Energy Source</b>								
Fuel Oil No 2	100%			2024	\$34,400	5	\$4,600	B
<b>Conversion Equipment</b>								
Steam Boiler	100%	Now	\$67,900	2044	* *	1	\$13,100	B
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Boiler Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
<b>Distribution</b>								
Steam Piping/Pump	100%			2024	\$97,400	4	\$1,100	B
<b>Terminal Devices</b>								
Convactor/Radiator	80%			2022	\$105,400	1	\$3,800	B
Unit Heater-Stm/HW	20%			2024	\$18,000	4	\$400	B
<b>Air Conditioning</b>								
<b>Energy Source</b>								
Electricity	100%			2032	* *	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  
GLENDALE YARD BLDG. 1 (SHOPS & OFFICES)**

**Asset # : 2423**

<b>Mechanical</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>Air Conditioning</b>							
Conversion Equipment							
Window/Wall Unit	10%			2019	\$2,900	1	B
No Component	90%						D
<b>Ventilation</b>							
Distribution							
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,200 B
Exhaust Fans							
Wall Unit	20%			2019	\$4,200	2	\$100 B
No Component	80%						D
<b>Plumbing</b>							
H/C Water Piping							
Galv Iron/Steel	100%			2022	\$41,700	1	B
Water Heater							
Electric	100%			2023	\$2,200	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : GLENDALE YARD BLDG. 7 (GARAGE & STORAGE)  
**Address** : 69-46 SYBILLA STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0126.020 / 2424 **Yr Built/Renovated** : 1928 / 2012  
**Area Sq Ft** : 5,700 **Project Type** : HIGHWAYS  
**Date of Survey** : 17-Oct-2012 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 3886 **Lot** : 558 **BIN** : 4095043

**CAPITAL****Total**

Priority

**Total**

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$32,300			\$11,500
Interior Architecture	\$9,800	\$1,200		
Electrical				\$200
Mechanical	\$300	\$300	\$300	\$300
<b>Total</b>	<b>\$42,400</b>	<b>\$1,500</b>	<b>\$300</b>	<b>\$12,000</b>
Priority A	\$32,300			\$11,500
Priority B	\$300	\$1,200	\$300	\$400
Priority C	\$9,800	\$200		
<b>Total</b>	<b>\$42,400</b>	<b>\$1,500</b>	<b>\$300</b>	<b>\$12,000</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**  
**GLENDALE YARD BLDG. 7 (GARAGE & STORAGE)**

**Asset # : 2424**

<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>								
<b>Exterior Walls</b>								
Cast in Place Concrete	20%			LIFE	**	5	\$6,700	A
Masonry: Brick	75%	Now	\$28,800	LIFE	**	5	\$5,000	A
<i>Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Men Locker Room</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	5%			2029	**	5	\$1,100	A
<b>Windows</b>								
Aluminum	100%			2040	**	5	\$900	A
<b>Parapets</b>								
Masonry: Brick	45%	Now	\$3,500	LIFE	**	5	\$300	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	50%			LIFE	**	5	\$400	A
Metal Panel	5%			2044	**	5	\$100	A
<b>Roof</b>								
Modified Bitumen	100%			2029	**	10	\$10,900	A
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	75%			LIFE	**	5	\$12,600	C
Vinyl Tile	25%			2029	**	3	\$700	C
<b>Interior Walls</b>								
Concrete Masonry Unit	5%			LIFE	**	5	\$100	C
Gypsum Board	10%	0-2	\$100	LIFE	**	5	\$200	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Men Locker Room</i>								
Masonry: Brick	85%	Now	\$9,800	LIFE	**			C
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	25%			2037	**	5	\$1,900	B
Exposed Concrete	75%			LIFE	**	5	\$900	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>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2054	**	5	\$200	B
<i>Recent Installation, Extent : Light, 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**  
**GLENDALE YARD BLDG. 7 (GARAGE & STORAGE)**

**Asset # : 2424**

<b>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>	
Under 600 Volts								
Raceway								
Conduit	100%			2054	**	1		B
	<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Panelboards								
Fused Disc Sw	5%			2049	**	5		B
Molded Case Bkrs	95%			2049	**	5	\$100	B
Wiring								
Thermoplastic	100%			2054	**	1		B
Motor Controllers								
Locally Mounted	100%			2044	**	5		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	20%			2034	**	10	\$900	B
	<i>T-5 Lamps, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Garage</i>							
Fluorescent	80%			2034	**	10	\$3,800	B
	<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Egress Lighting								
Emergency, Battery	50%			2034	**	10	\$600	B
Exit, Service	50%			2034	**	1		B
Exterior Lighting								
HID	100%			2034	**	10		B

<b>Mechanical</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>	
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		B
Conversion Equipment								
Furnace	100%			2029	**	1	\$2,500	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 1st Floor</i>							
	<i>Explanation : 3 Units</i>							
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		B
Conversion Equipment								
Window/Wall Unit	40%			2022	\$4,000	1		B
No Component	60%							D
Ventilation								

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

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

**Asset # : 2424**

<b>Mechanical</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>
<b>Ventilation</b>								
Exhaust Fans								
Wall Unit	40%			2029	* *	2	\$100	B
No Component	60%							D
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		B
Water Heater								
Electric	100%			2023	\$800	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : HARLEM RIVER BRIDGE SHOP GARAGE 1  
**Address** : 300 W. 206TH STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0093.000 / 549 **Yr Built/Renovated** : 1958 / 2007  
**Area Sq Ft** : 14,192 **Project Type** : HIGHWAYS  
**Date of Survey** : 27-Dec-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 2186 **Lot** : 9 **BIN** : 1081892

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

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



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**DEPARTMENT OF TRANSPORTATION - 841**  
**HARLEM RIVER BRIDGE SHOP GARAGE 1**  
**Asset # : 549**

<b>Architecture</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>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	97%			LIFE	**	5	\$76,900	A
Pre-Cast Concrete	3%			LIFE	**	5	\$7,700	A
<b>Windows</b>								
Aluminum	50%			2041	**	5	\$1,500	A
Fiberglass Panel	50%			2041	**	5	\$5,500	A
<b>Parapets</b>								
Masonry: Brick	95%			LIFE	**	5-10	\$35,700	A
Pre-Cast Concrete	5%			LIFE	**	5	\$3,500	A
<b>Roof</b>								
Single Ply Membrane	100%			2033	**	10	\$19,900	A
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	70%			LIFE	**	5	\$65,100	C
Terrazzo	5%			LIFE	**	5	\$1,700	C
Vinyl Tile	25%			2030	**	3	\$2,000	C
<b>Interior Walls</b>								
Concrete Masonry Unit	90%			LIFE	**	5	\$13,600	C
Glass: Single Pane	5%			LIFE	**	5	\$1,400	C
SGFT/Glazed Masonry	5%			LIFE	**	10	\$500	C
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%			2038	**	5	\$2,100	B
Exposed Struc: Steel	75%			LIFE	**	10	\$31,900	B
Gypsum Board	15%			LIFE	**	5-10	\$11,000	B

<b>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>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%	2-4	\$1,000	2055	**	5		B
<i>Suspect Water Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement Electrical Room</i>								
<i>Explanation : One 2500 Amperes Main Disconnect Switch, Water Damaged From Sandy Storm</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%	Now	\$20,200	2055	**	5		B
<i>Suspect Water Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement Electrical Room</i>								
<b>Raceway</b>								
Conduit	90%			2051	**	1		B
Conduit	10%	Now	\$2,200	2055	**	1		B
<i>Corroded, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement Electrical Room</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HARLEM RIVER BRIDGE SHOP GARAGE 1**  
**Asset # : 549**

<b>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>	<b>Priority Code</b>
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
Fused Disc Sw	3%	Now	\$300	2050	**	5		B
<i>Suspect Water Damage, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement Electrical Room</i>								
Fused Disc Sw	2%			2050	**	5		B
Fused Disc Sw	5%			2041	**	5		B
Molded Case Bkrs	85%			2041	**	5	\$300	B
Molded Case Bkrs	5%	Now	\$600	2050	**	5		B
<i>Suspect Water Damage, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement</i>								
<b>Wiring</b>								
Thermoplastic	90%			2045	**	1		B
Thermoplastic	10%	Now	\$1,500	2055	**	1		B
<i>Suspect Water Damage, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<b>Motor Controllers</b>								
Locally Mounted	90%			2038	**	5	\$100	B
Locally Mounted	10%			2045	**	5		B
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$400	B
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	100%			2030	**	10	\$13,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2030	**	10	\$1,700	B
Exit, LED	25%			2053	**	1		B
Exit, Service	25%			2030	**	1		B
<b>Exterior Lighting</b>								
HID	100%			2030	**	10		B
<b>Alarm</b>								
<b>Security System</b>								
No Component	50%							D
Generic	50%			2030	**	1	\$2,700	B
<b>Fire/Smoke Detection</b>								
Generic	100%			2033	**	1-3	\$8,700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Siemens Main Control Panel</i>								

<b>Mechanical</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>	<b>Priority Code</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**  
**HARLEM RIVER BRIDGE SHOP GARAGE 1**  
**Asset # : 549**

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Natural Gas	100%			2035	**	1	
Conversion Equipment							
Furnace	85%			2030	**	1	\$6,000
		<i>Other Observation, Extent : Light, Area Affected : 85%</i>					
		<i>Location : Roof</i>					
		<i>Explanation : 6 Roof Top Units</i>					
Hot Water Boiler	15%			2045	**	1	\$1,100
		<i>Recent Replace Evident, Extent : Light, Area Affected : 30%</i>					
		<i>Location : Basement</i>					
		<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
		<i>Location : Basement</i>					
		<i>Explanation : 1 Unit</i>					
Distribution							
Hot Wtr Piping/Pump	15%			2041	**	4	\$200
No Component	85%						
Terminal Devices							
Convactor/Radiator	15%			2038	**	1	\$700
No Component	85%						
Air Conditioning							
Energy Source							
Electricity	100%			2041	**	1	
Conversion Equipment							
Ext Pkg Unit - Heating/Cooling	100%			2030	**	2	\$900
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Roof</i>					
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Roof</i>					
		<i>Explanation : 6 Units</i>					
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,500
Exhaust Fans							
Roof	100%			2030	**	2	\$400
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2045	**	1	
Water Heater							
Gas Fired	100%			2024		2	\$200
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Sump Pump(s)							
Rigid Piping	100%			2030	**	4	\$1,600

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HARLEM RIVER BRIDGE SHOP GARAGE 1**  
**Asset # : 549**

<b>Mechanical</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>	
Plumbing								
Backflow Preventer								
Generic	100%			2030	* *	1	\$900	B
Fixtures								
Generic	100%							B
Fire Suppression								
Sprinkler								
Generic	100%			2045	* *	1-2	\$4,000	B

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : HARLEM RIVER BRIDGE SHOP GARAGE 2  
**Address** : 301 W. 205TH STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0093.010 / 550 **Yr Built/Renovated** : 1958 / 2007  
**Area Sq Ft** : 20,096 **Project Type** : HIGHWAYS  
**Date of Survey** : 27-Dec-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Floors 1,2  
**Block** : 2186 **Lot** : 9 **BIN** : 1081894

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

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture	\$51,200	\$4,500		
Interior Architecture	\$13,900		\$19,600	
Electrical	\$400	\$700	\$400	\$400
Mechanical	\$8,200	\$2,400	\$3,200	\$2,500
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$77,600</b>	<b>\$11,500</b>	<b>\$27,100</b>	<b>\$6,800</b>
Priority	A	\$51,200	\$4,500	
Priority	B	\$12,500	\$7,000	\$22,600
Priority	C	\$13,900		\$4,500
<b>Total</b>	<b>\$77,600</b>	<b>\$11,500</b>	<b>\$27,100</b>	<b>\$6,800</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**  
**HARLEM RIVER BRIDGE SHOP GARAGE 2**  
**Asset # : 550**

<b>Architecture</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>	
<b>Exterior</b>								
Exterior Walls								
Masonry: Brick	80%			LIFE	**	5	\$37,100	A
Metal Panel	20%			2051	**	5-10	\$31,800	A
Windows								
Aluminum	100%			2047	**	5	\$8,900	A
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5-10	\$9,300	A
Masonry: Brick	90%			LIFE	**	5-10	\$20,100	A
Roof								
Single Ply Membrane	100%			2033	**	10	\$46,700	A
<b>Interior</b>								
Floors								
Traffic Topping	5%			2033	**	5	\$1,900	C
Vinyl Tile	95%			2033	**	3	\$10,700	C
Interior Walls								
Concrete Masonry Unit	90%			LIFE	**	5	\$21,800	C
Glazed Ceramic Panel	5%			LIFE	**	10	\$1,400	C
Gypsum Board	5%			LIFE	**	5-10	\$2,600	C
Ceilings								
AcousTileSusp.Lay-In	100%			2038	**	5	\$30,100	B
<b>Electrical</b>								
<b>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>	
<b>Under 600 Volts</b>								
Raceway								
Conduit	100%			2051	**	1		B
Panelboards								
Fused Disc Sw	10%			2047	**	5		B
Molded Case Bkrs	90%			2047	**	5	\$500	B
Wiring								
Thermoplastic	100%			2051	**	1		B
Motor Controllers								
Locally Mounted	100%			2042	**	5	\$100	B
<b>Lighting</b>								
Interior Lighting								
Fluorescent	90%			2033	**	10	\$16,600	B
		<i>T-8 Lamps, Extent : Moderate, Area Affected : 90% Location : Throughout The Building</i>						
Fluorescent	10%			2033	**	10	\$1,800	B
		<i>T-5 Lamps, Extent : Moderate, Area Affected : 10% Location : Shop &amp; Storage</i>						
Egress Lighting								
Emergency, Battery	50%			2033	**	10	\$2,400	B
Exit, LED	50%			2060	**	1		B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HARLEM RIVER BRIDGE SHOP GARAGE 2**  
**Asset # : 550**

<b>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>	<b>Priority Code</b>
<b>Lighting</b>								
Exterior Lighting								
HID	100%			2033	**	10	\$100	B
<b>Alarm</b>								
Security System								
No Component	50%							D
Generic	50%			2033	**	1	\$3,800	B
Fire/Smoke Detection								
Generic, Digital	100%			2033	**			B
<b>Mechanical</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%			2051	**	1		B
Conversion Equipment								
Furnace	80%			2033	**	1	\$8,000	B
			<i>Other Observation, Extent : Light, Area Affected : 80%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : 3 Package Units</i>					
Hot Water Boiler	20%			2042	**	1	\$2,000	B
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : 3rd Floor Penthouse</i>					
			<i>Explanation : 1 Unit</i>					
Distribution								
Hot Wtr Piping/Pump	20%			2047	**	4	\$200	B
No Component	80%							D
Terminal Devices								
Convector/Radiator	20%			2042	**	1	\$1,300	B
No Component	80%							D
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2047	**	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2033	**	2	\$1,200	B
			<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 3 Units, Roof</i>					
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$17,700	B
Exhaust Fans								
Roof	100%			2033	**	2	\$600	B
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2051	**	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**  
**HARLEM RIVER BRIDGE SHOP GARAGE 2**  
**Asset # : 550**

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
Plumbing								
Water Heater								
Gas Fired	100%			2024	\$4,400	2	\$300	B
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
Backflow Preventer								
Generic	100%			2033	* *	1	\$1,200	B
Fixtures								
Generic	100%							B
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1-3</i>						
		<i>Explanation : 1 Unit</i>						
Fire Suppression								
Sprinkler								
Generic	100%			2051	* *	1-2	\$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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : JEROME - GUN HILL ROAD GARAGE  
**Address** : 3510 JEROME AVENUE @ GUN HILL RD.  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0204.000 / 14317 Yr Built/Renovated : 1979 /  
**Area Sq Ft** : 78,600 Project Type : HIGHWAYS  
**Date of Survey** : 15-Apr-2010 Landmark Status : NONE  
**Areas Surveyed** : Roof, Floors 1,2,3  
**Block** : 3328 Lot : 10 BIN : 2017791

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$36,300			
Interior Architecture				
Electrical	\$34,300	\$300	\$300	\$300
Mechanical	\$7,700			
<b>Total</b>	<b>\$78,200</b>	<b>\$300</b>	<b>\$300</b>	<b>\$300</b>
Priority A	\$36,300			
Priority B	\$41,900	\$300	\$300	\$300
Priority C				
<b>Total</b>	<b>\$78,200</b>	<b>\$300</b>	<b>\$300</b>	<b>\$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 - GUN HILL ROAD GARAGE**  
**Asset # : 14317**

Architecture	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	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	80%	Now	\$113,600	LIFE	**	5	\$106,200	A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
Metal Sect. OHD	5%	Now	\$7,900	2026	**	5	\$2,100	A
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Facade</i>								
<i>Explanation : Broken Missing Elements</i>								
Metal: Cage/Fence	15%	Now	\$8,500	2026	**	5	\$8,700	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Facade</i>								
<hr/>								
<b>Windows</b>								
Steel	5%	Now	\$4,000	2046	**	5	\$500	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
No Component	95%							D
<hr/>								
<b>Parapets</b>								
Cast in Place Concrete	75%	Now	\$14,400	LIFE	**	5	\$24,700	A
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Facade</i>								
Metal: Cage/Fence	25%	Now	\$1,500	2026	**	5	\$2,600	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade, South Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Facade, South Facade</i>								
<hr/>								
<b>Roof</b>								
Traffic Topping	100%	Now	\$117,300	2026	**			A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Expansion Jnt Failure, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Third Level</i>								
<hr/>								
<b>Interior</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**

<b>Architecture</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>	<b>Priority Code</b>
<b>Interior</b>								
<b>Floors</b>								
Asphalt Poured	100%	Now	\$41,600	2034	**	5	\$26,800	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>								
<b>Interior Walls</b>								
Cast in Place Concrete	75%			LIFE	**			C
Concrete Masonry Unit	23%			LIFE	**	5	\$900	C
Glass: Single Pane	2%			LIFE	**	5	\$200	C
<b>Ceilings</b>								
Exposed Concrete	100%			LIFE	**	5	\$16,700	B
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 1st Floor, 2nd Floor, 3rd Floor</i>								
<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>								
Molded Case Bkrs	100%			2021	\$5,300	5	\$2,100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : No Available Nameplate Ratings</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2021	\$30,300	5	\$2,100	B
<b>Raceway</b>								
Conduit	100%			2021	\$37,500	1		B
<b>Panelboards</b>								
Molded Case Bkrs	100%			2020	\$28,700	5	\$2,100	B
<b>Wiring</b>								
Braided Cloth	10%	2-4	\$2,800	2046	**	1		B
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	90%			2021	\$25,000	1		B
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							D
<b>Lighting</b>								
<b>Interior Lighting</b>								
HID	100%			2016	\$36,700	10	\$2,300	B
<b>Exterior Lighting</b>								
HID	100%			2016	\$4,000	10	\$200	B
<b>Alarm</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**  
**JEROME - GUN HILL ROAD GARAGE**  
**Asset # : 14317**

<b>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>	<b>Priority Code</b>

**Alarm**

## Security System

No Component

90%

Generic

10%

2016

\$22,500

1

\$2,900

D

B

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

<b>Mechanical</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>	<b>Priority Code</b>

**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%

2016

\$7,000

1

B

No Component

95%

D

**Plumbing**

## H/C Water Piping

Brass/Copper

5%

2021

\$10,100

1

B

No Component

95%

D

## Water Heater

Electric

5%

2016

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : JEROME 190TH ST. GARAGE  
**Address** : JEROME AVE. & 190TH ST.  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0120.000 / 175 **Yr Built/Renovated** : 1961 / 2007  
**Area Sq Ft** : 149,514 **Project Type** : HIGHWAYS  
**Date of Survey** : 09-Jan-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,3,5,7  
**Block** : 3189 **Lot** : 9 **BIN** : 2014125

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$2,300	\$24,100		\$6,600
Interior Architecture	\$65,400			\$500
Electrical		\$400	\$1,400	\$47,300
Mechanical	\$400	\$600	\$1,000	\$600
Elevators/Escalators	\$13,800	\$13,800	\$13,800	\$13,800
<b>Total</b>	<b>\$81,800</b>	<b>\$38,900</b>	<b>\$16,200</b>	<b>\$68,900</b>
Priority A	\$2,300	\$24,100		\$6,600
Priority B	\$14,200	\$14,900	\$16,200	\$61,800
Priority C	\$65,400			\$500
<b>Total</b>	<b>\$81,800</b>	<b>\$38,900</b>	<b>\$16,200</b>	<b>\$68,900</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**  
**JEROME 190TH ST. GARAGE**  
**Asset # : 175**

Architecture	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	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	5%	0-2	\$41,200	LIFE	**	5	\$77,100	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	20%	0-2	\$88,200	LIFE	**	5	\$61,600	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	60%			2044	**	5-10	\$1,271,500	A
Metal Sect. OHD	5%			2037	**	5	\$48,200	A
Granite Panels	10%			LIFE	**	5	\$23,100	A
<b>Windows</b>								
Steel	5%	Now	\$102,500	2049	**	5	\$12,900	A
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Stairs</i>								
No Component	95%							D
<b>Parapets</b>								
Cast in Place Concrete	40%	0-2	\$2,300	LIFE	**	5	\$19,300	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	10%			LIFE	**	5	\$500	A
Metal Panel	45%			2034	**	5	\$8,100	A
Metal Rail	5%			2029	**	5-10	\$4,200	A
<b>Roof</b>								
Asphalt Macadam	100%	0-2	\$46,500	2029	**	5	\$23,900	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
<b>Floors</b>								
Asphalt Macadam	10%	0-2	\$19,300	2037	**	5	\$5,000	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Cast in Place Concrete	88%	0-2	\$174,100	LIFE	**	5	\$386,200	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	2%	0-2	\$9,700	2024	\$32,300	3	\$1,500	C
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 40%</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**  
**JEROME 190TH ST. GARAGE**  
**Asset # : 175**

<b>Architecture</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>		
<b>Interior</b>									
<b>Interior Walls</b>									
Cast in Place Concrete	50%	0-2	\$488,900	LIFE	**			C	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Concrete Masonry Unit	25%	0-2	\$21,500	LIFE	**	5	\$8,200	C	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Masonry: Brick	15%	0-2	\$45,200	LIFE	**			C	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
SGFT/Glazed Masonry	10%	0-2	\$15,000	LIFE	**			C	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
<b>Ceilings</b>									
Exposed Concrete	95%	Now	\$145,300	LIFE	**	5	\$29,800	B	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Level 1</i>									
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Level 6</i>									
Gypsum Board	5%			LIFE	**	5	\$12,500	B	
<b>Electrical</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%				2024	\$16,200	5	\$600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Next To Main Office</i>									
<i>Explanation : One Electrical Service Rated At 600 Amps</i>									
<b>Switchgear / Switchboard</b>									
Molded Case Bkrs	100%				2024	\$50,500	5	\$3,900	B
<b>Raceway</b>									
Conduit	50%				2024	\$29,100	1		B
Conduit	50%				2044	**	1		B
<b>Panelboards</b>									
Molded Case Bkrs	50%				2040	**	5	\$2,000	B
Molded Case Bkrs	50%				2023	\$20,100	5	\$2,000	B
<b>Wiring</b>									
Thermoplastic	100%				2034	**	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**  
**JEROME 190TH ST. GARAGE**  
**Asset # : 175**

<b>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>	
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							D
<b>Lighting</b>								
Interior Lighting								
Fluorescent	5%			2019	\$12,400	10	\$6,100	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Office Area</i>					
			<i>Explanation : T-12 Lamps</i>					
HID	95%			2029	* *	10	\$4,100	B
Egress Lighting								
Exit, Service	50%			2019	\$9,200	1		B
Exit, Battery	50%			2019	\$46,200	10	\$4,500	B
Exterior Lighting								
HID	100%			2019	\$7,600	10	\$500	B
<b>Alarm</b>								
Fire/Smoke Detection								
No Component	95%							D
Generic	5%	Now	\$73,400	2034	* *	1-3	\$4,200	B
			<i>Not in Service, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Office Room</i>					
<b>Mechanical</b>								
<b>Mechanical</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>	
<b>Heating</b>								
Energy Source								
Electricity	100%			2044	* *	1		B
Conversion Equipment								
Radiant Heater	5%			2029	* *	2	\$3,100	B
No Component	95%							D
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2040	* *	1		B
Conversion Equipment								
Window/Wall Unit	5%			2022	\$13,100	1		B
No Component	95%							D
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	5%			LIFE	* *	2-5	\$3,700	B
No Component	95%							D
Exhaust Fans								
Interior	5%	Now	\$400	2029	* *	2	\$200	B
			<i>Malfunctioning, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : 2 Of 4 Exhaust Fans With Electrical Defect</i>					
No Component	95%							D
<b>Plumbing</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**  
**JEROME 190TH ST. GARAGE**  
**Asset # : 175**

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

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : KENT AVENUE BRIDGE COMPLEX GARAGE 1  
**Address** : 372 KENT AVENUE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0095.000 / 551 **Yr Built/Renovated** : 1930 /  
**Area Sq Ft** : 13,108 **Project Type** : HIGHWAYS  
**Date of Survey** : 02-Sep-2010 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 2453 **Lot** : 1 **BIN** : 3335960

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

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Exterior Architecture			\$100	
Interior Architecture	\$400		\$400	
Electrical	\$900	\$800	\$800	\$900
Mechanical	\$100	\$14,100	\$100	\$900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$5,400</b>	<b>\$18,800</b>	<b>\$5,400</b>	<b>\$5,800</b>
Priority A			\$100	
Priority B	\$5,000	\$18,800	\$4,800	\$5,800
Priority C	\$400		\$400	
<b>Total</b>	<b>\$5,400</b>	<b>\$18,800</b>	<b>\$5,400</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**  
**KENT AVENUE BRIDGE COMPLEX GARAGE 1**  
**Asset # : 551**

<b>Architecture</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>		
<b>Exterior</b>									
Exterior Walls									
Masonry: Brick	50%			LIFE	**	5	\$2,200	A	
Masonry: Brick	50%			LIFE	**	5	\$2,200	A	
Windows									
Aluminum	100%			2038	**	5	\$300	A	
Roof									
Metal Panel	100%			2035	**	10	\$20,800	A	
<b>Interior</b>									
Floors									
Cast in Place Concrete	75%			LIFE	**	5	\$29,300	C	
Ceramic Tile	5%			2031	**	5	\$900	C	
Vinyl Tile	20%			2027	**	3	\$1,300	C	
Interior Walls									
Concrete Masonry Unit	75%			LIFE	**	5	\$500	C	
Masonry: Brick	25%			LIFE	**			C	
Ceilings									
Exposed Struc: Steel	20%			LIFE	**			B	
Gypsum Board	80%			LIFE	**	5	\$17,900	B	
<b>Electrical</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									
Fused Disc Sw	100%			2032	**	5	\$100	B	
Raceway									
Conduit	100%			2032	**	1		B	
Panelboards									
Fused Disc Sw	5%			2030	**	5		B	
Molded Case Bkrs	95%			2030	**	5	\$300	B	
Wiring									
Thermoplastic	100%			2032	**	1		B	
Motor Controllers									
Locally Mounted	100%			2027	**	5	\$100	B	
<b>Lighting</b>									
Interior Lighting									
Fluorescent	100%			2022		10	\$10,900	B	
Egress Lighting									
Emergency, Service	50%			2022	\$800	1		B	
Exit, Service	50%			2022	\$800	1		B	
Exterior Lighting									
HID	100%			2022	\$700	10		B	
<b>Alarm</b>									
Security System									
No Component	50%							D	
Generic	50%			2022	\$18,800	1	\$2,500	B	

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**DEPARTMENT OF TRANSPORTATION - 841**  
**KENT AVENUE BRIDGE COMPLEX GARAGE 1**  
**Asset # : 551**

<b>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>	<b>Priority Code</b>

## Alarm

Fire/Smoke Detection								
No Component	30%							D
Generic	70%			2022	\$90,100	1-3	\$5,800	B

<b>Mechanical</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>	<b>Priority Code</b>

## Heating

Energy Source								
Electricity	20%			2042	**	1		B
Natural Gas	80%			2042	**	1		B
Conversion Equipment								
Hot Water Boiler	80%			2035	**	1	\$100	B
<i>Boiler Used For Hot Water, Extent : Light, Area Affected : 80%</i>								
<i>Location : Boiler Room</i>								
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	\$13,900	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	\$400	4		B
No Component	80%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Not Energy Efficient</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Sump Pump(s)								
Rigid Piping	100%			2027	**	4	\$1,600	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**KENT AVENUE BRIDGE COMPLEX GARAGE 1**

**Asset # : 551**

<b>Mechanical</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>	
<b>Plumbing</b>								
Backflow Preventer								
Generic	100%			2030	* *	1	\$700	B
<b>Fixtures</b>								
Generic	100%							B
<b>Vertical Transport</b>								
<b>Elevators</b>								
Hydraulic	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1-3</i>						
		<i>Explanation : 1 Unit</i>						
<b>Fire Suppression</b>								
<b>Sprinkler</b>								
Generic	100%			2042	* *	1-2		B

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : MASPETH CENTRAL SHOPS  
**Address** : 58-50 57TH ROAD  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0096.000 / 169 **Yr Built/Renovated** : 1949 / 1999  
**Area Sq Ft** : 111,850 **Project Type** : HIGHWAYS  
**Date of Survey** : 25-May-2012 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 2675 **Lot** : 15 **BIN** : 4059838

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

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



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**DEPARTMENT OF TRANSPORTATION - 841**  
**MASPETH CENTRAL SHOPS**  
**Asset # : 169**

Architecture	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	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$43,900	A
Concrete Masonry Unit	60%			LIFE	**	5	\$65,900	A
Masonry: Brick	25%	Now	\$251,200	LIFE	**	5	\$43,900	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	10%			2028	**	5	\$54,900	A
Windows								
Steel	100%	Now	\$584,100	2039	**	5	\$147,500	A
<i>Corrosion/Rusting, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Metal: Cage/Fence	25%	Now	\$8,800	2028	**	5	\$7,500	A
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
No Component	75%							D
Roof								
Modified Bitumen	100%	Now	\$236,800	2023	\$789,400			A
<i>Blisters, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Side</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Shops</i>								
Interior								
Floors								
Cast in Place Concrete	75%	Now	\$221,900	LIFE	**	5	\$246,300	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Shops</i>								
Ceramic Tile	5%			2032	**	5	\$7,500	C
Vinyl Tile	20%	Now	\$241,900	2033	**	3	\$11,300	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Second Floor Corridor And Offices</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Second Floor Corridor And Offices</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Second Floor Corridors And Offices</i>								
<i>Explanation : 9x9 Tiles</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MASPETH CENTRAL SHOPS**  
**Asset # : 169**

<b>Architecture</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>	
<b>Interior</b>								
<b>Interior Walls</b>								
Concrete Masonry Unit	75%			LIFE	**	5	\$18,300	C
Concrete Masonry Unit	5%	Now	\$64,200	LIFE	**	5	\$1,200	C
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Wall Adjacent To Ramp At 58th Place Entrance</i>								
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Wall Adjacent To Ramp At 58th Place Entrance</i>								
Glass: Single Pane	5%			LIFE	**	5	\$2,300	C
Gypsum Board	5%			LIFE	**	5	\$1,800	C
Masonry: Brick	10%			LIFE	**			C
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%			2028	**	5	\$15,000	B
Exposed Concrete	60%			LIFE	**	5	\$14,100	B
Exposed Struc: Steel	10%			LIFE	**			B
Plaster	20%			LIFE	**	5	\$18,800	B
<b>Electrical</b>								
<b>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>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	25%			2023	\$4,100	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room 3</i>								
<i>Explanation : No Ratings Available</i>								
Fused Disc Sw	25%			2023	\$4,100	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room 2</i>								
<i>Explanation : Service Switch Rated @ 600 Amperes</i>								
Fused Disc Sw	50%			2023	\$8,100	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room 1</i>								
<i>Explanation : Service Switch Rated @ 3000 Amperes</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	80%			2023	\$40,400	5	\$400	B
Molded Case Bkrs	20%			2023	\$10,100	5	\$600	B
<b>Raceway</b>								
Conduit	50%			2023	\$29,100	1		B
Conduit	50%			2033	**	1		B
<b>Panelboards</b>								
Fused Disc Sw	5%			2022	\$2,000	5	\$100	B
Molded Case Bkrs	60%			2031	**	5	\$1,800	B
Molded Case Bkrs	35%			2022	\$14,100	5	\$1,000	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**  
**MASPETH CENTRAL SHOPS**  
**Asset # : 169**

<b>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>	
<b>Under 600 Volts</b>								
<b>Wiring</b>								
Braided Cloth	30%	2-4	\$13,400	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	\$9,000	1		B
<b>Motor Controllers</b>								
Locally Mounted	100%			2021	\$56,000	5	\$800	B
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	50%							D
Generic	50%			LIFE	**	5	\$800	B
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	98%			2031	**	10	\$90,100	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
<b>Egress Lighting</b>								
Emergency, Battery	50%			2018	\$17,300	10	\$12,100	B
Exit, Service	50%			2018	\$6,900	1		B
<b>Exterior Lighting</b>								
Incandescent	100%			2018	\$20,600	2	\$200	B
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							D
Generic	30%			2031	**	1	\$12,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Corridors</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
<b>Fire/Smoke Detection</b>								
No Component	70%							D
Generic	30%			2031	**	1-3	\$21,300	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>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>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	20%			2033	**	1		B
Interruptible Gas/Dual Fuel	80%			2033	**	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**  
**MASPETH CENTRAL SHOPS**  
**Asset # : 169**

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	
Heating								
Conversion Equipment								
Furnace	20%			2023	\$23,200	1	\$9,900	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	\$37,000	2028	**	1	\$71,500	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	\$530,900	4	\$4,000	B
No Component	20%							D
Terminal Devices								
Air Handler	40%	Now	\$205,000	2033	**	1	\$22,300	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	\$3,200	B
Fan Coil Unit/Heat	30%	Now	\$42,700	2023	\$427,000	1	\$8,700	B
	<i>Broken, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Fan Motors In Units Not Operating</i>							
No Component	20%							D
Air Conditioning								
Energy Source								
Electricity	100%			2031	**	1		B
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2023	\$125,400	2	\$1,200	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	\$19,500	1		B
No Component	70%							D
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$16,400	LIFE	**	2-5	\$55,900	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>							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**MASPETH CENTRAL SHOPS**  
**Asset # : 169**

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	
Ventilation								
Exhaust Fans								
Roof	100%	Now	\$7,600	2023	\$75,600	2	\$2,500	B
<i>Not in Service, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Roof</i>								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2033	* *	1		B
Galv Iron/Steel	50%			2021	\$141,900	1		B
Water Heater								
Electric	5%			2021	\$700	4		B
Gas Fired	40%			2018	\$8,800	2	\$600	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	\$1,109,800	1-2	\$28,100	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : QUEENS BOROUGH HALL - GARAGE  
**Address** : 80-25 126TH STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0090.000 / 172 **Yr Built/Renovated** : 1962 /  
**Area Sq Ft** : 317,969 **Project Type** : HIGHWAYS  
**Date of Survey** : 25-Sep-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3  
**Block** : 9657 **Lot** : 1 **BIN** : 4206524

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

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



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

Architecture	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	
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	Now	\$114,900	LIFE	**	5	\$107,400	A
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
Glazed Ceramic Panel	40%	Now	\$266,300	LIFE	**	5	\$201,400	A
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Northeast Corner</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick Cavity	30%	Now	\$114,500	LIFE	**	5	\$32,200	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
Metal: Cage/Fence	10%			2030	**	5	\$47,000	A
Parapets								
Cast in Place Concrete	45%			LIFE	**	5	\$119,700	A
Glazed Ceramic Panel	30%			2045	**	5-10	\$40,900	A
Masonry: Brick Cavity	20%			LIFE	**	5-10	\$17,600	A
Metal Panel	5%			2035	**	5	\$2,500	A
Roof								
Traffic Topping	100%	Now	\$1,581,900	2035	**			A
<i>Expansion Jnt Failure, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Over First Level</i>								
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Over First Level</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Roof Level</i>								
<i>Explanation : Roof Level Not In Use Due To Poor Condition</i>								

## 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.

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

<b>Architecture</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>	
Interior								
Floors								
Cast in Place Concrete	10%	Now	\$128,000	LIFE	**	5	\$94,700	C
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Stairs</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Level Two</i>								
<i>Explanation : Stairs From Level Two To Roof Level Are Not In Use.</i>								
Traffic Topping	87%	Now	\$1,328,700	2030	**	5	\$235,400	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Uneven Substrate, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Expansion Joint Failure</i>								
Vinyl Tile	3%			2025	\$104,700	3	\$6,500	C
Interior Walls								
Cast in Place Concrete	85%			LIFE	**	10	\$88,100	C
Concrete Masonry Unit	12%			LIFE	**	5	\$4,000	C
Gypsum Board	3%			LIFE	**	5-10	\$2,100	C
Ceilings								
AcousTileSusp.Lay-In	3%			2030	**	5	\$13,000	B
Exposed Concrete	92%	Now	\$3,037,200	LIFE	**	5	\$62,200	B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Level 2</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Levels 2 And 3</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Level 2</i>								
Exposed Concrete	5%			LIFE	**	5-10	\$27,100	B

<b>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>	

Under 600 Volts

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**  
**QUEENS BOROUGH HALL - GARAGE**  
**Asset # : 172**

<b>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>	
<b>Under 600 Volts</b>								
Service Equipment Fused Disc Sw	100%			2025	\$33,100	5	\$1,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : No Nameplate Ratings Available</i>								
Switchgear / Switchboard Molded Case Bkrs	100%			2025	\$121,100	5	\$8,400	B
Raceway Conduit	100%			2025	\$158,000	1		B
Panelboards Molded Case Bkrs	100%			2024	\$103,200	5	\$8,400	B
Wiring Thermoplastic	100%			2025	\$123,500	1		B
<b>Ground</b>								
Grounding Devices Not Accessible	100%							D
<b>Lighting</b>								
Interior Lighting Fluorescent	2%			2025	\$10,700	10	\$5,300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office</i>								
<i>Explanation : T-12 Lamps</i>								
HID	98%			2025	\$145,400	10	\$9,200	B
Egress Lighting Exit, Service	100%			2025	\$39,900	1		B
Exterior Lighting HID	100%			2020	\$16,200	10	\$1,000	B
<b>Alarm</b>								
Security System No Component	80%							D
Generic	20%			2020	\$182,400	1	\$23,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Ground Floor</i>								
<i>Explanation : (8) C C T V Surveillance Cameras</i>								

<b>Mechanical</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>	
<b>Heating</b>								
Energy Source Electricity	100%			2035	* *	1		B

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

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Conversion Equipment							
Heat Pump	5%			2026	* *	2	
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
		<i>Location : Management Office</i>					
		<i>Explanation : 1 Package Unit</i>					
No Component	95%						D
Air Conditioning							
Energy Source							
Electricity	100%			2041	* *	1	
Conversion Equipment							
Heat Pump	5%			2026	* *	2	\$900 B
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 5%</i>					
		<i>Location : Management Office</i>					
No Component	95%						D
Heat Rejection							
Remote Air Cond	5%			2025	\$4,100	2	\$10,100 B
No Component	95%						D
Ventilation							
Distribution							
Ductwork/Diffusers	5%			LIFE	* *	2-5	\$12,800 B
No Component	95%						D
Exhaust Fans							
Interior	5%			2030	* *	2	\$400 B
No Component	95%						D
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2035	* *	1	B
Water Heater							
Electric	100%			2020	\$42,500	4	\$2,500 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%			2025	\$9,800	1-5	\$1,500 B

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**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** : 03-Dec-2013 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2,3,4,5  
**Block** : 10092 **Lot** : 6 **BIN** : 4215603

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$74,000		\$22,400	
Interior Architecture	\$9,200		\$5,800	\$300
Electrical	\$2,300	\$1,400	\$1,400	\$1,400
Mechanical		\$500		\$500
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
<b>Total</b>	<b>\$90,500</b>	<b>\$6,800</b>	<b>\$34,500</b>	<b>\$7,100</b>
Priority A	\$74,000		\$22,400	
Priority B	\$7,300	\$6,800	\$6,300	\$6,800
Priority C	\$9,200		\$5,800	\$300
<b>Total</b>	<b>\$90,500</b>	<b>\$6,800</b>	<b>\$34,500</b>	<b>\$7,100</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.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS FAMILY COURT GARAGE**  
**Asset # : 14320**

<b>Architecture</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>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	20%			LIFE	**	5	\$55,600	A
Concrete Masonry Unit	20%			LIFE	**	5	\$6,900	A
Exposed Struc: Steel	8%			LIFE	**	5	\$13,900	A
Masonry: Brick	15%			LIFE	**	5	\$8,300	A
Metal Panel	5%			2045	**	5-10	\$9,600	A
Metal Sect. OHD	2%			2038	**	5	\$1,700	A
Metal: Cage/Fence	25%			2038	**	5	\$30,400	A
Window Wall	5%			2045	**	5	\$5,200	A
<b>Parapets</b>								
Cast in Place Concrete	20%			LIFE	**	5	\$8,200	A
Masonry: Brick	10%			LIFE	**	5-10	\$1,400	A
Metal: Cage/Fence	70%			2038	**	5-10	\$10,800	A
<b>Roof</b>								
Cast in Place Concrete	95%	Now	\$26,400	LIFE	**			A
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Single Ply Membrane	5%			2030	**	10	\$2,100	A
<b>Interior</b>								
<b>Floors</b>								
Asphalt Macadam	23%			2038	**	5	\$11,600	C
Cast in Place Concrete	75%	Now	\$149,000	LIFE	**	5	\$165,300	C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	2%			2025		3	\$1,000	C
<b>Interior Walls</b>								
Cast in Place Concrete	25%			LIFE	**	10	\$6,000	C
Concrete Masonry Unit	75%			LIFE	**	5	\$5,800	C
<b>Ceilings</b>								
Exposed Struc: Steel	100%			LIFE	**	10	\$201,500	B
<b>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>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2045	**	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>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2045	**	5	\$1,900	B
<b>Raceway</b>								
Conduit	100%			2045	**	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**  
**QUEENS FAMILY COURT GARAGE**  
**Asset # : 14320**

<b>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>	
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2041	**	5	\$200	B
Molded Case Bkrs	90%			2041	**	5	\$1,800	B
Wiring								
Thermoplastic	100%			2045	**	1		B
Ground								
Grounding Devices								
Not Accessible	100%							D
Lighting								
Interior Lighting								
Fluorescent	5%			2030	**	10	\$3,100	B
<i>T-8 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office</i>								
HID	95%			2030	**	10	\$2,100	B
Egress Lighting								
Emergency, Battery	75%			2030	**	10	\$12,200	B
Exit, Service	25%			2030	**	1		B
Exterior Lighting								
HID	100%			2030	**	10	\$200	B
Alarm								
Security System								
No Component	50%							D
Generic	50%			2030	**	1	\$13,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside And Outside</i>								
<i>Explanation : 16 CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
No Component	95%							D
Generic, Analog	5%			2030	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room Only</i>								
<i>Explanation : Smoke Detector</i>								

<b>Mechanical</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>	
Heating								
Energy Source								
Electricity	100%			2035	**	1		B
Conversion Equipment								
Radiant Heater	5%			2020	\$100	2		B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Pay Booths</i>								
<i>Explanation : 2 Units</i>								
No Component	95%							D

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

Mechanical	Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
<b>Heating</b>							
Distribution							
Ductwork/Diffusers	3%			LIFE	**	2-5	B
No Component	97%						D
Terminal Devices							
Fan Coil Unit/Heat	3%			2025		1	B
No Component	97%						D
<b>Air Conditioning</b>							
Energy Source							
Electricity	100%			2033	**	1	B
Conversion Equipment							
Heat Pump	3%			2023	\$100	2	\$100 B
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 3%</i>				
			<i>Location : Office</i>				
			<i>Other Observation, Extent : Light, Area Affected : 3%</i>				
			<i>Location : Office</i>				
			<i>Explanation : 1 Unit - Providing Both Heating and Cooling For Office Only</i>				
Window/Wall Unit	2%			2020	\$2,600	1	B
No Component	95%						D
Heat Rejection							
Air Condenser Unit	5%			2025	\$300	2	\$2,300 B
No Component	95%						D
<b>Plumbing</b>							
H/C Water Piping							
Brass/Copper	3%			2035	**	1	B
No Component	97%						D
Water Heater							
Electric	5%			2020	\$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
Backflow Preventer							
Not Accessible	100%						D
Fixtures							
Generic	100%						B
<b>Vertical Transport</b>							
Elevators							
Hydraulic	100%			LIFE	**		C
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
			<i>Location : G-6</i>				
			<i>Explanation : 1 Unit</i>				
<b>Fire Suppression</b>							
Standpipe							
Generic	100%			2035	**	1-5	\$300 B

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : STATEN ISLAND COURTHOUSE GARAGE  
**Address** : 54 CENTRAL AVE.  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0210.000 / 14557 **Yr Built/Renovated** : 2010 /  
**Area Sq Ft** : 225,000 **Project Type** : HIGHWAYS  
**Date of Survey** : 24-Feb-2012 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,3,5,6  
**Block** : 6 **Lot** : 21 **BIN** : 5151736

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture				\$800
Interior Architecture	\$5,000			
Electrical	\$5,500	\$5,500	\$11,400	\$5,500
Mechanical	\$11,500	\$50,600	\$53,500	\$46,800
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
<b>Total</b>	<b>\$33,800</b>	<b>\$67,900</b>	<b>\$76,700</b>	<b>\$64,900</b>
Priority A				
Priority B	\$28,800	\$67,900	\$76,700	\$64,100
Priority C	\$5,000			\$800
<b>Total</b>	<b>\$33,800</b>	<b>\$67,900</b>	<b>\$76,700</b>	<b>\$64,900</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**  
**STATEN ISLAND COURTHOUSE GARAGE**  
**Asset # : 14557**

<b>Architecture</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>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	7%			LIFE	**	5	\$159,000	A
Cast in Place Concrete	70%			LIFE	**	5	\$1,590,400	A
Masonry: Limestone	3%			LIFE	**	5	\$10,200	A
Metal: Cage/Fence	10%			2040	**	5	\$198,800	A
Window Wall	10%			2049	**	5	\$170,400	A
<b>Windows</b>								
Aluminum	100%			2045	**	5	\$61,000	A
<b>Parapets</b>								
Cast in Place Concrete	100%			LIFE	**	5	\$83,000	A
<b>Roof</b>								
Cast in Place Concrete	100%			LIFE	**			A
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	96%			LIFE	**	5	\$634,100	C
Ceramic Tile	2%			2036	**	5	\$6,000	C
Vinyl Tile	2%			2031	**	3	\$3,000	C
<b>Interior Walls</b>								
Cast in Place Concrete	80%			LIFE	**			C
Ceramic Tile	2%			2036	**	5	\$2,500	C
Concrete Masonry Unit	10%			LIFE	**	5	\$4,900	C
Gypsum Board	2%			LIFE	**	5	\$1,500	C
Metal: Cage/Fence	6%			LIFE	**			C
<b>Ceilings</b>								
AcousTileSusp.Lay-In	5%			2040	**	5	\$15,100	B
Exposed Concrete	95%			LIFE	**	5	\$44,800	B

<b>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>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2053	**	5	\$1,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2053	**	5	\$1,000	B
<b>Raceway</b>								
Conduit	100%			2053	**	1		B
<b>Panelboards</b>								
Fused Disc Sw	10%			2048	**	5	\$500	B
Molded Case Bkrs	90%			2048	**	5	\$5,300	B
<b>Wiring</b>								
Thermoplastic	100%			2053	**	1		B

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**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>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>	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2043	**	5	\$1,500	B
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$3,300	B
Lighting								
Interior Lighting								
Fluorescent	10%			2033	**	10	\$18,500	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Office, Staircase, Mechanical Rm. &amp; Electrical Rm.</i>						
		<i>Explanation : T-8 Lamps</i>						
HID	90%			2033	**	10	\$5,900	B
Egress Lighting								
Emergency, Battery	50%			2033	**	10	\$24,300	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Emergency Battery Power Supplies - Lighting &amp; Elevators</i>						
Exit, Service	50%			2033	**	1		B
Exterior Lighting								
HID	100%			2033	**	10	\$700	B
Alarm								
Security System								
No Component	80%							D
Generic	20%			2033	**	1	\$16,800	B
Fire/Smoke Detection								
No Component	70%							D
Generic	30%			2033	**	1-3	\$41,600	B

<b>Mechanical</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>	
Heating								
Energy Source								
Electricity	100%			2053	**	1		B
Conversion Equipment								
Heat Pump	40%			2027	**	2	\$25,000	B
Radiant Heater	60%			2031	**	2	\$56,100	B
		<i>Other Observation, Extent : Light, Area Affected : 60%</i>						
		<i>Location : Garage Office And Rest Rooms</i>						
		<i>Explanation : Electric Base Board And Unit Heaters</i>						
Air Conditioning								
Energy Source								
Electricity	100%			2045	**	1		B
Conversion Equipment								
Heat Pump	40%			2027	**	2	\$4,900	B
No Component	60%							D

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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**  
**STATEN ISLAND COURTHOUSE GARAGE**  
**Asset # : 14557**

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
Air Conditioning								
Terminal Devices								
Fan Coil - Cooling	100%			2031	* *	1	\$65,200	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>								
Heat Rejection								
Remote Air Cond	60%			2031	* *	2	\$84,300	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
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$112,500	B
Exhaust Fans								
Interior	100%			2031	* *	2	\$6,200	B
Plumbing								
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	\$12,400	B
Fixtures								
Generic	100%							B
Vertical Transport								
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>								
Fire Suppression								
Standpipe								
Generic	100%			2053	* *	1-5	\$101,700	B

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : STATEN ISLAND SIGN SHOP  
**Address** : 34 WAVE STREET BTWN BAY ST. - S.I. RAILWAY  
**Borough** : STATEN ISLAND      **Agency's Number** : N/A  
**Program / Asset #** : DOT0219.000 / 14717      **Yr Built/Renovated** : 1951 /  
**Area Sq Ft** : 12,800      **Project Type** : HIGHWAYS  
**Date of Survey** : 19-Feb-2014      **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 489      **Lot** : 48      **BIN** : 5013187

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$17,600		\$1,200	
Interior Architecture	\$40,600		\$100	\$100
Electrical	\$300	\$100	\$300	\$100
Mechanical	\$4,800	\$1,200	\$2,700	\$900
<b>Total</b>	<b>\$63,300</b>	<b>\$1,300</b>	<b>\$4,400</b>	<b>\$1,100</b>
Priority A	\$17,600		\$1,200	
Priority B	\$5,100	\$1,300	\$3,100	\$1,000
Priority C	\$40,600		\$100	\$100
<b>Total</b>	<b>\$63,300</b>	<b>\$1,300</b>	<b>\$4,400</b>	<b>\$1,100</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**  
**STATEN ISLAND SIGN SHOP**  
**Asset # : 14717**

<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>								
<b>Exterior Walls</b>								
Concrete Masonry Unit	10%	0-2	\$5,900	LIFE	**	5	\$900	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	85%	0-2	\$36,700	LIFE	**	5	\$12,800	A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Sect. OHD	5%			2038	**	5	\$2,400	A
<b>Windows</b>								
Aluminum	100%			2050	**	5	\$2,000	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Parapets</b>								
Cast Stone/Terra Cotta	10%			LIFE	**	5-10	\$4,500	A
Masonry: Brick	90%			LIFE	**	5-10	\$9,900	A
<b>Roof</b>								
Not Accessible	100%							D
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	95%	0-2	\$32,200	LIFE	**	5	\$35,700	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Quarry Tile	1%			2038	**	5	\$300	C
Vinyl Tile	4%	2-4	\$600	2030	**	3	\$300	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Interior Walls</b>								
Cast in Place Concrete	5%			LIFE	**	10	\$900	C
Concrete Masonry Unit	95%	2-4	\$7,000	LIFE	**	5	\$2,700	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	1%			2045	**	5	\$200	B
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Wood	99%	Now	\$101,200	LIFE	**			B
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Electrical</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>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**STATEN ISLAND SIGN SHOP**  
**Asset # : 14717**

<b>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>	
<b>Under 600 Volts</b>								
Service Equipment Molded Case Bkrs	100%			2035	**	5	\$300	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office</i>								
<i>Explanation : 100 Amps</i>								
Switchgear / Switchboard Molded Case Bkrs	100%			2035	**	5	\$300	B
Raceway Conduit	100%			2035	**	1		B
Panelboards Molded Case Bkrs	100%			2033	**	5	\$300	B
Wiring Thermoplastic	100%			2035	**	1		B
Motor Controllers Locally Mounted	100%			2038	**	5	\$100	B
<b>Ground</b>								
Grounding Devices Generic	100%			LIFE	**	5	\$400	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Main</i>								
<i>Explanation : Water Main</i>								
<b>Lighting</b>								
Interior Lighting Fluorescent	90%			2025	\$19,100	10	\$9,500	B
<i>T-12 Lamps, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Fluorescent	10%			2030	**	10	\$1,100	B
<i>T-8 Lamps, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Office</i>								
Egress Lighting Exit, Service	50%			2025	\$800	1		B
Exit, Battery	50%			2025	\$4,000	10	\$400	B
Exterior Lighting HID	100%			2020	\$700	10		B
<b>Alarm</b>								
Security System No Component	80%							D
Generic	20%			2030	**	1	\$1,000	B
Fire/Smoke Detection No Component	80%							D
Generic, Analog	20%			2020	\$25,100			B

<b>Mechanical</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>	

**Heating**

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**STATEN ISLAND SIGN SHOP**  
**Asset # : 14717**

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Heating</b>							
Energy Source							
Natural Gas	100%		2051	* *	1		B
Conversion Equipment							
Furnace	100%		2030	* *	1	\$5,700	B
Distribution							
Steam Piping/Pump	100%		2045	* *	4	\$800	B
Terminal Devices							
Convactor/Radiator	100%		2038	* *	1	\$3,700	B
<b>Air Conditioning</b>							
Energy Source							
Electricity	100%		2041	* *	1		B
Conversion Equipment							
Window/Wall Unit	5%		2023	\$1,100	1		B
No Component	95%						D
<b>Ventilation</b>							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	\$10,100	B
Exhaust Fans							
Interior	100%		2030	* *	2	\$400	B
<b>Plumbing</b>							
H/C Water Piping							
Brass/Copper	100%		2045	* *	1		B
Water Heater							
Gas Fired	100%		2024	\$2,500	2	\$200	B
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		B
Storm Drain Piping							
Not Accessible	100%						D
Sump Pump(s)							
Rigid Piping	100%		2030	* *	4	\$1,600	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : SUNRISE YARD  
**Address** : 88-26 PITKIN AVE.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0208.000 / 14436 **Yr Built/Renovated** : 2009 /  
**Area Sq Ft** : 25,000 **Project Type** : HIGHWAYS  
**Date of Survey** : 22-Feb-2011 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 11368 **Lot** : 20 **BIN** : 4863171

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture			\$41,700	\$5,600
Interior Architecture		\$2,500	\$600	\$3,400
Electrical	\$200	\$200	\$400	\$600
Mechanical	\$4,200	\$2,800	\$8,700	\$2,800
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$8,300</b>	<b>\$9,500</b>	<b>\$55,400</b>	<b>\$16,400</b>
Priority A			\$41,700	\$5,600
Priority B	\$8,300	\$7,000	\$13,000	\$10,800
Priority C		\$2,500	\$600	
<b>Total</b>	<b>\$8,300</b>	<b>\$9,500</b>	<b>\$55,400</b>	<b>\$16,400</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**  
**SUNRISE YARD**  
**Asset # : 14436**

<b>Architecture</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>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Concrete Masonry Unit	25%			LIFE	**	5	\$6,100	A
Masonry: Brick	25%			LIFE	**	5	\$9,800	A
Metal Panel	10%			2048	**	5-10	\$27,000	A
Metal Coiling Doors	5%			2039	**	5	\$6,100	A
Pre-Cast Concrete	5%			LIFE	**	5	\$6,400	A
Window Wall	30%			2048	**	5	\$44,200	A
<b>Windows</b>								
Aluminum	95%			2044	**	5	\$5,000	A
Metal Louvers	5%			2035	**	10	\$1,600	A
<b>Roof</b>								
Metal Panel	75%			2039	**	10	\$44,000	A
Not Accessible	25%							D
<b>Interior</b>								
<b>Floors</b>								
Carpet	15%			2023	\$60,900	3	\$7,500	C
Cast in Place Concrete	60%			LIFE	**	5	\$44,000	C
Ceramic Tile	10%			2035	**	5	\$3,400	C
Vinyl Tile	15%			2030	**	3	\$1,900	C
<b>Interior Walls</b>								
Ceramic Tile	10%			2035	**	5	\$1,400	C
Concrete Masonry Unit	55%			LIFE	**	5	\$3,000	C
Glass: Single Pane	15%			LIFE	**	5	\$1,500	C
Gypsum Board	10%			LIFE	**	5	\$800	C
Masonry: Brick	5%			LIFE	**			C
SGFT/Glazed Masonry	5%			LIFE	**			C
<b>Ceilings</b>								
AcousTileSusp.Lay-In	20%			2039	**	5	\$6,700	B
Exposed Struc: Steel	40%			LIFE	**			B
Metal Panel	40%			LIFE	**	5	\$16,800	B

<b>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>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2048	**	5	\$100	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 400 Amps</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2048	**	5	\$100	B
<b>Raceway</b>								
Conduit	100%			2048	**	1		B
<b>Panelboards</b>								
Molded Case Bkrs	100%			2044	**	5	\$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**  
**SUNRISE YARD**  
**Asset # : 14436**

<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%			2048	* *	1		B
Motor Controllers								
Locally Mounted	100%			2039	* *	5	\$200	B
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$400	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Water Main</i>						
		<i>Explanation : Connected With Main Water Pipe</i>						
Lighting								
Interior Lighting								
Fluorescent	100%			2030	* *	10	\$20,600	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : T-8 Lamps &amp; Compact Spiral Bulbs</i>						
Egress Lighting								
Exit, Service	50%			2030	* *	1		B
Exit, Battery	50%			2030	* *	10	\$800	B
Exterior Lighting								
HID	100%			2030	* *	10	\$100	B
Alarm								
Security System								
No Component	90%							D
Generic	10%			2030	* *	1	\$900	B
Fire/Smoke Detection								
No Component	90%							D
Generic	10%			2030	* *	1-3	\$1,500	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
Conversion Equipment								
Hot Water Boiler	100%			2039	* *	1	\$11,100	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor Boiler Room</i>						
		<i>Explanation : 2 Units</i>						
Distribution								
Hot Wtr Piping/Pump	100%			2044	* *	4	\$1,700	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**  
**SUNRISE YARD**  
**Asset # : 14436**

<b>Mechanical</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>	
<b>Heating</b>								
Terminal Devices								
Air Handler	60%			2030	**	1	\$8,300	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>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2044	**	1		B
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	100%			2026	**	2	\$1,400	B
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,500	B
Exhaust Fans								
Interior	100%			2030	**	2	\$700	B
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2048	**	1		B
Water Heater								
Gas Fired	100%			2021	\$4,900	2	\$300	B
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		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 : 1-2</i>								
<i>Explanation : 1 Unit</i>								
<b>Fire Suppression</b>								
Standpipe								
Generic	100%			2048	**	1-5	\$11,300	B
Sprinkler								
Generic	100%			2048	**	1-2	\$6,300	B

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : WEBSTER AVENUE FLEET SERVICES MAINTENANCE & REPAIR SHOP  
**Address** : 2144 WEBSTER AVENUE @E. 181 STREET  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0097.000 / 2847 **Yr Built/Renovated** : 2002 /  
**Area Sq Ft** : 46,400 **Project Type** : HIGHWAYS  
**Date of Survey** : 15-Oct-2012 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 3030 **Lot** : 6 **BIN** : 2011133

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Exterior Architecture	\$29,400			\$20,500
Interior Architecture	\$28,300	\$900	\$900	
Electrical	\$700	\$900	\$700	\$6,400
Mechanical	\$19,500	\$6,800	\$9,100	\$17,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$81,900</b>	<b>\$12,600</b>	<b>\$14,700</b>	<b>\$48,100</b>
Priority A	\$29,400			\$20,500
Priority B	\$25,600	\$11,700	\$13,700	\$27,600
Priority C	\$26,800	\$900	\$900	
<b>Total</b>	<b>\$81,900</b>	<b>\$12,600</b>	<b>\$14,700</b>	<b>\$48,100</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**  
**WEBSTER AVENUE FLEET SERVICES MAINTENANCE & REPAIR SHOP**

**Asset # : 2847**

Architecture	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	
<b>Exterior</b>								
Exterior Walls								
Concrete Masonry Unit	70%			LIFE	**	5	\$31,900	A
Metal Panel	15%			2044	**	5-10	\$75,200	A
Metal Coiling Doors	10%	0-2	\$19,600	2037	**	5	\$11,400	A
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$11,800	A
<b>Windows</b>								
Fiberglass Panel	85%			2040	**	5	\$31,200	A
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Main Shop</i>								
Glass Block	5%			LIFE	**	5	\$300	A
Metal Louvers	10%			2033	**	10	\$6,100	A
<b>Parapets</b>								
Concrete Masonry Unit	20%			LIFE	**	5	\$900	A
Masonry: Brick	25%	Now	\$5,300	LIFE	**	5	\$1,000	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Along Flashing</i>								
<i>Weepholes Not Funct, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Interior Face Of East Parapet</i>								
Metal Security Bars	5%			2052	**			A
Pre-Cast Concrete	50%			LIFE	**	5	\$12,200	A
<b>Roof</b>								
Built-Up (BUR)	35%	0-2	\$4,500	2029	**			A
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	65%	Now	\$82,500	2037	**			A
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Fascia At North Side</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At A C Unit Penetrations</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : North West Corner</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Garage Area</i>								
<b>Interior</b>								
Floors								
Cast in Place Concrete	85%			LIFE	**	5	\$115,800	C
Ceramic Tile	3%			2033	**	5	\$1,900	C
Vinyl Tile	12%			2029	**	3	\$2,800	C

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

Maintenance \$ are aggregated over a ten-year period. Site 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>Architecture</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>	
<b>Interior</b>								
<b>Interior Walls</b>								
Concrete Masonry Unit	70%	0-2	\$18,600	LIFE	**	5	\$7,100	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Glass: Single Pane	5%	Now	\$700	LIFE	**	5	\$900	C
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Conference Room</i>								
Gypsum Board	10%	0-2	\$500	LIFE	**	5	\$1,500	C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	15%	0-2	\$7,000	LIFE	**			C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Ceilings</b>								
Exposed Struc: Steel	95%			LIFE	**			B
Gypsum Board	5%	0-2	\$1,500	LIFE	**	5	\$3,900	B
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

<b>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>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2044	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Protector Rated @ 2500 Amps</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2044	**	5	\$1,200	B
<b>Raceway</b>								
Conduit	100%			2044	**	1		B
<b>Panelboards</b>								
Molded Case Bkrs	100%			2040	**	5	\$1,200	B
<b>Wiring</b>								
Thermoplastic	100%			2044	**	1		B
<b>Motor Controllers</b>								
Locally Mounted	100%			2037	**	5	\$300	B
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$700	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Meter Room</i>								
<i>Explanation : Connected To Main Water Pipe</i>								

**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**  
**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>Lighting</b>								
Interior Lighting Fluorescent	10%			2029	* *	10	\$3,800	B
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Office</i>						
		<i>Explanation : T-8 Lamps</i>						
HID	90%			2029	* *	10	\$1,200	B
<b>Egress Lighting</b>								
Emergency, Battery	50%			2024	\$7,200	10	\$5,000	B
Emergency, Battery	50%			2024	\$7,200	10	\$5,000	B
<b>Exterior Lighting</b>								
HID	100%			2024	\$2,400	10	\$100	B
<b>Alarm</b>								
<b>Security System</b>								
No Component	85%							D
Generic	15%			2029	* *	1	\$2,600	B
<b>Fire/Smoke Detection</b>								
No Component	85%							D
Generic	15%			2029	* *	1-3	\$4,300	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>
<b>Heating</b>								
<b>Energy Source</b>								
Electricity	25%			2044	* *	1		B
Natural Gas	75%			2044	* *	1		B
<b>Conversion Equipment</b>								
Furnace	50%			2029	* *	1	\$10,300	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 5 Units - Included In A C System</i>						
Radiant Heater	25%			2029	* *	2	\$4,800	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Offices, 1st Floor</i>						
		<i>Explanation : 15 Units</i>						
No Component	25%							D
<b>Air Conditioning</b>								
<b>Energy Source</b>								
Electricity	100%			2040	* *	1		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**  
**WEBSTER AVENUE FLEET SERVICES MAINTENANCE & REPAIR SHOP**

**Asset # : 2847**

<b>Mechanical</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>	
<b>Air Conditioning</b>								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	\$13,000	2029	**	2	\$2,000	B
<i>Malfunctioning, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Control System</i>								
<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : A C Units</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 5 Units</i>								
<hr/>								
Terminal Devices								
Air Handler/Cool/Ht	5%	Now	\$400	2024	\$8,400	1	\$1,200	B
<i>Malfunctioning, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Control System. Penthouse</i>								
No Component	95%							D
<hr/>								
<b>Heat Rejection</b>								
Air Condenser Unit	5%			2029	**	2	\$1,500	B
No Component	95%							D
<hr/>								
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$23,200	B
<hr/>								
<b>Exhaust Fans</b>								
Interior	90%			2029	**	2	\$1,100	B
Roof	10%			2029	**	2	\$100	B
<hr/>								
<b>Plumbing</b>								
H/C Water Piping								
Galv Iron/Steel	100%			2041	**	1		B
<hr/>								
<b>Water Heater</b>								
Electric	30%			2022	\$1,800	4	\$100	B
Gas Fired	70%			2022	\$6,400	2	\$400	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room, 2nd Floor</i>								
<i>Explanation : One Unit</i>								
<hr/>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		B
<hr/>								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		B
<hr/>								
Backflow Preventer								
Generic	100%			2032	**	1	\$2,600	B
<hr/>								
<b>Fixtures</b>								
Generic	100%							B
<hr/>								
<b>Vertical Transport</b>								
Elevators								
Hydraulic	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1-2</i>								
<i>Explanation : One Unit</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**  
**WEBSTER AVENUE FLEET SERVICES MAINTENANCE & REPAIR SHOP**

**Asset # : 2847**

<b>Mechanical</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>	
Fire Suppression								
Standpipe								
Generic	100%			2044	* *	1-5	\$21,000	B
Sprinkler								
Generic	100%			2044	* *	1-2	\$11,700	B
Fire Pump								
Generic	100%			2033	* *	1	\$7,800	B
Chemical System								
No Component	80%							D
Generic	20%			2019	\$5,000	1-3	\$11,000	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.*

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : WEBSTER AVENUE YARD STAGING GARAGE & SIGN SHOP  
**Address** : 4409 PARK AVENUE @E. 181 STREET  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0097.010 / 13606 **Yr Built/Renovated** : 2002 /  
**Area Sq Ft** : 36,850 **Project Type** : HIGHWAYS  
**Date of Survey** : 15-Oct-2012 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 3030 **Lot** : 6 **BIN** : 2100288

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEBSTER AVENUE YARD STAGING GARAGE & SIGN SHOP**

**Asset # : 13606**

Architecture	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	
Exterior								
Exterior Walls								
Concrete Masonry Unit	65%			LIFE	**	5	\$17,600	A
Fiberglass Panel	7%			2033	**	5	\$11,400	A
Glazed Ceramic Panel	3%	Now	\$4,000	LIFE	**	5	\$6,100	A
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Over Door At West Facade</i>								
Metal Panel	10%			2044	**	5-10	\$29,800	A
Metal Coiling Doors	10%	Now	\$23,300	2037	**	5	\$6,800	A
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At Entrance</i>								
<i>Explanation : Metal Coiling Door Is Constantly Being Repaired</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$7,100	A
Parapets								
Cast in Place Concrete	30%	2-4	\$1,700	LIFE	**	5	\$14,300	A
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Under Section Of Coping At Southwest Corner</i>								
<i>Explanation : Missing Through Wall Flashing</i>								
Masonry: Brick	60%	Now	\$7,600	LIFE	**	5	\$2,800	A
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Interior Face</i>								
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Interior Face At Flashing</i>								
Metal Security Bars	10%			2052	**			A
Roof								
Built-Up (BUR)	35%	Now	\$5,400	2029	**			A
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Metal Panel	65%			2037	**	10	\$84,200	A
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	**	5	\$97,400	C
Ceramic Tile	3%			2033	**	5	\$1,500	C
Vinyl Tile	7%			2029	**	3	\$1,300	C
Interior Walls								
Ceramic Tile	3%			2033	**	5	\$600	C
Concrete Masonry Unit	57%			LIFE	**	5	\$4,600	C
Glass: Single Pane	5%			LIFE	**	5	\$800	C
Gypsum Board	10%			LIFE	**	5	\$1,200	C
SGFT/Glazed Masonry	25%			LIFE	**			C
Ceilings								
AcousTileSusp.Lay-In	5%			2037	**	5	\$2,500	B
Exposed Struc: Steel	85%			LIFE	**			B
Gypsum Board	10%			LIFE	**	5	\$6,200	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**  
**WEBSTER AVENUE YARD STAGING GARAGE & SIGN SHOP**

**Asset # : 13606**

<b>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>	
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2044	**	5	\$200	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : (2) Service Protector Rated At 600 Amps And 400 Amps</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	**	5	\$1,000	B
Raceway								
Conduit	100%			2044	**	1		B
Panelboards								
Molded Case Bkrs	100%			2040	**	5	\$1,000	B
Wiring								
Thermoplastic	100%			2044	**	1		B
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$200	B
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Main Water Room</i>								
<i>Explanation : Connected To Main Water Pipe</i>								
<b>Lighting</b>								
Interior Lighting								
Fluorescent	25%			2029	**	10	\$7,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<i>Explanation : T-8 Lamps</i>								
HID	75%			2029	**	10	\$800	B
Egress Lighting								
Exit, Service	50%			2029	**	1		B
Exit, Battery	50%			2029	**	10	\$1,100	B
Exterior Lighting								
HID	100%			2024	\$1,900	10	\$100	B
<b>Alarm</b>								
Security System								
No Component	85%							D
Generic	15%			2029	**	1	\$2,100	B
Fire/Smoke Detection								
No Component	85%							D
Generic	15%			2029	**	1-3	\$3,400	B

<b>Mechanical</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>	

Heating

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**  
**WEBSTER AVENUE YARD STAGING GARAGE & SIGN SHOP**

**Asset # : 13606**

<b>Mechanical</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>	
<b>Heating</b>								
Energy Source								
Electricity	30%			2050	**	1		B
Natural Gas	70%			2050	**	1		B
<b>Conversion Equipment</b>								
Furnace	80%			2029	**	1	\$13,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof - Included In A C System</i>								
<i>Explanation : 3 Units</i>								
Furnace	10%			2029	**	1	\$1,600	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : In The Garage Area</i>								
<i>Explanation : 4 Independent Units</i>								
Radiant Heater	10%			2029	**	2	\$1,500	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Offices On The First Floor</i>								
<i>Explanation : 12 Units</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2046	**	1		B
<b>Conversion Equipment</b>								
Ext Pkg Unit - Heating/Cooling	30%	Now	\$6,200	2029	**	2	\$500	B
<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Control System</i>								
<i>R-22 Refrigerant, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : A C Units On Roof</i>								
No Component	70%							D
<b>Terminal Devices</b>								
Air Handler/Cool/Ht	10%	Now	\$200	2029	**	1	\$1,800	B
<i>Malfunctioning, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Control System</i>								
No Component	90%							D
<b>Heat Rejection</b>								
Air Condenser Unit	10%			2029	**	2	\$2,300	B
No Component	90%							D
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$18,400	B
<b>Exhaust Fans</b>								
Interior	70%			2029	**	2	\$700	B
Roof	30%			2029	**	2	\$300	B
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2050	**	1		B
<b>Water Heater</b>								
Gas Fired	100%			2022		2	\$500	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WEBSTER AVENUE YARD STAGING GARAGE & SIGN SHOP**

**Asset # : 13606**

<b>Mechanical</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>	
<b>Plumbing</b>								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		B
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		B
<b>Fixtures</b>								
Generic	100%							B
<b>Fire Suppression</b>								
Sprinkler								
Generic	100%			2044	* *	1-2	\$9,300	B
<b>Chemical System</b>								
No Component	90%							D
Generic	10%			2022	\$2,500	1-3	\$5,500	B

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 11TH AVE VIADUCT (RAMP) W 33 ST/LAND ADJ.TO AMTRAK  
**Address** : WEST 33 STREET AMTRAK 30 ST.BRANCH  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0066.0C0 / 2934 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 4,620 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 25-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224501C

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$62,000	\$4,100	\$21,100	
<b>Total</b>	<b>\$62,000</b>	<b>\$4,100</b>	<b>\$21,100</b>	
Priority A	\$27,500		\$9,200	
Priority B	\$26,400		\$9,500	
Priority C	\$8,100	\$4,100	\$2,400	
<b>Total</b>	<b>\$62,000</b>	<b>\$4,100</b>	<b>\$21,100</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**  
**11TH AVE VIADUCT (RAMP) W 33 ST/LAND ADJ.TO AMTRAK**

**Asset # : 2934**

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 Concrete	100%	4+	\$5,200	LIFE		* *		A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Backwall Concrete	100%			LIFE		* *		C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Brngs,Ancr Blts,Pads Steel	50%			LIFE		* *		A
Steel	50%	2-4	\$201,700	LIFE		* *		A
<i>Corrosion, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random</i>								
Footings Not Accessible	100%							D
Joint with Deck Generic	70%			LIFE		* *		B
Generic	30%	2-4	\$25,000	LIFE		* *		B
<i>Leakage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Explanation : Joint Depressed And Filled With Debris And Dirt</i>								
Mat (scour & erosion) Earth	100%			LIFE		* *		B
Pedestals Concrete	100%			LIFE		* *		A
Stem (breastwall) Concrete	80%			LIFE		* *		B
Concrete	20%	4+	\$110,100	LIFE		* *		B
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Explanation : Honeycombing</i>								
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**  
**11TH AVE VIADUCT (RAMP) W 33 ST/LAND ADJ.TO AMTRAK**

**Asset # : 2934**

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								
Piles								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	100%			2024	\$74,600	4	\$2,100	C
Concrete	90%			2032	**	4	\$5,400	C
Concrete	10%	2-4	\$800	2032	**	4	\$3,600	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Curbs								
Concrete w/ Steel Face	50%			LIFE	**			A
Concrete w/ Steel Face	50%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction</i>								
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	95%			LIFE	**			C
Concrete	5%	4+	\$600	LIFE	**			C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
Piers								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$8,500	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

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

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	50%			2028	**	5	\$2,400	C
Concrete	50%			2028	**	5	\$2,400	C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction</i>								
Wearing Surface								
Concrete	80%			2032	**	5	\$8,200	C
Concrete	20%	4+	\$4,200	2032	**	5	\$4,100	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Superstructure								
Deck,Structural								
Concrete	70%			LIFE	**	5	\$5,100	A
Concrete	30%	4+	\$22,300	LIFE	**	5	\$5,100	A
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random</i>								
<i>Explanation : Honeycombing</i>								
Primary Member								
Steel	80%			LIFE	**	2-8	\$85,400	A
Steel	20%	4+	\$442,200	LIFE	**	2-8	\$85,400	A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Loss of Section, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random</i>								
<i>Explanation : Paint Peeling</i>								
Secondary Member								
Steel	90%			LIFE	**	2-8	\$71,500	B
Steel	10%	4+	\$1,500	LIFE	**	2-8	\$71,500	B
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Explanation : Paint Peeling</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 11TH AVE VIADUCT (RAMP) W 34 ST/AMTRAK 30 ST. BRANCH  
**Address** : WEST 34 STREET AMTRAK 30 ST.BRANCH  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0066.0D0 / 2935 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 11,800 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 25-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224501D

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$60,000	\$20,700	\$39,600	
<b>Total</b>	<b>\$60,000</b>	<b>\$20,700</b>	<b>\$39,600</b>	
Priority A	\$9,700		\$23,400	
Priority B	\$20,400		\$16,200	
Priority C	\$29,900	\$20,700		
<b>Total</b>	<b>\$60,000</b>	<b>\$20,700</b>	<b>\$39,600</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**  
**11TH AVE VIADUCT (RAMP) W 34 ST/AMTRAK 30 ST. BRANCH**

**Asset # : 2935**

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								
Concrete	95%			LIFE	**			A
Concrete	5%	4+	\$200	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Backwall								
Concrete	90%			LIFE	**			C
Concrete	10%	4+	\$2,100	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	4+	\$15,800	LIFE	**			B
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 75%</i>								
<i>Location : South End</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : End Approach On The Sidewalk</i>								
<i>Explanation : Sidewalk Slabs Are Not At The Same Elevations On Either Side Of The Joint.</i>								
<i>Joint Popped Out.</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			B
Stem (breastwall)								
Concrete	75%			LIFE	**			B
Concrete	25%	4+	\$423,600	LIFE	**			B
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Explanation : Honeycombing</i>								
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		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
Masonry	95%			LIFE	**			C
Masonry	5%	4+	\$5,800	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Approaches								
Pavement								
Asphalt	90%			2024	\$133,200	4	\$3,600	C
Asphalt	10%	4+	\$300	2024	\$14,800	4	\$2,400	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Concrete	90%			2032	**	4	\$9,200	C
Concrete	10%	4+	\$3,100	2032	**	4	\$6,200	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
Curbs								
Concrete w/ Steel Face	50%			LIFE	**			A
Concrete w/ Steel Face	50%	4+	\$7,800	LIFE	**			A
<i>Rust Stains, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Guide Railing								
Concrete	100%			2032	**	4	\$2,100	A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	80%			LIFE	**			C
Concrete	20%	4+	\$8,300	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Light, Area Affected : 8%</i>								
<i>Location : West Approach, Both Sides</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Pier,Columns Concrete	100%	4+	\$53,900	LIFE	**			B
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
Steel	90%			LIFE	**	2-8	\$64,100	B
Steel	10%	4+	\$4,600	LIFE	**	2-8	\$64,100	B
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
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
	<i>Broken/Missing Element, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random</i>							
	<i>Misaligned/Bulging, Extent : Light, Area Affected : 15%</i>							
	<i>Location : North Side</i>							
	<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
Railings/Parapets								
Concrete	100%			2032	**	4	\$2,800	A
Sidewalks								
Concrete	100%			2028	**	5		C
Wearing Surface								
Concrete	90%			2032	**	5	\$41,500	C
Concrete	10%	4+	\$6,100	2032	**	5	\$20,700	C
	<i>Cracks, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
Superstructure								
Deck,Structural								
Concrete	60%			LIFE	**	5	\$13,000	A
Concrete	40%	4+	\$327,200	LIFE	**	5	\$13,000	A
	<i>Cracks, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
	<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
	<i>Efflorescence, 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.

Maintenance \$ are aggregated over a ten-year period. Site 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**

<b>Bridge Structure</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>	
<b>Superstructure</b>								
<b>Primary Member</b>								
Steel	60%			LIFE	**	2-8	\$218,100	A
Steel	40%	4+	\$4,909,700	LIFE	**	2-8	\$218,100	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>								
<hr/>								
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$182,700	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH  
**Address** : WEST 35 STREET AMTRAK 30 ST.BRANCH  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0066.0E0 / 2936 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 6,500 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 20-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 224501E

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$109,500		\$8,700	
<b>Total</b>	<b>\$109,500</b>		<b>\$8,700</b>	
Priority A	\$9,100		\$5,600	
Priority B	\$50,300		\$3,200	
Priority C	\$50,100			
<b>Total</b>	<b>\$109,500</b>		<b>\$8,700</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**  
**11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH**

**Asset # : 2936**

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)	
<b>Abutments</b>							
Bridge Seat&pedestals Not Accessible	100%						D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location :</i>						
	<i>Explanation : Underneath Bridge Under Construction</i>						
<hr/>							
Backwall Not Accessible	100%						D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location :</i>						
	<i>Explanation : Underneath Bridge Under Construction</i>						
<hr/>							
Brngs,Ancr Blts,Pads Not Accessible	100%						D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location :</i>						
	<i>Explanation : Underneath Bridge Under Construction</i>						
<hr/>							
<b>Footings</b>							
Not Accessible	100%						D
<hr/>							
<b>Joint with Deck</b>							
Generic	80%			LIFE	**		B
Generic	20%	4+	\$8,900	LIFE	**		B
	<i>Leakage, Extent : Severe, Area Affected : 40%</i>						
	<i>Location : At Begin Abutment</i>						
<hr/>							
Mat (scour & erosion) Earth	100%			LIFE	**		B
<hr/>							
Stem (breastwall) Not Accessible	100%						D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location :</i>						
	<i>Explanation : Underneath Bridge Under Construction</i>						
<hr/>							
<b>Wingwalls</b>							
<b>Footings</b>							
Not Accessible	100%						D
<hr/>							
Mat (scour & erosion) Earth	100%			LIFE	**		C
<hr/>							
<b>Piles</b>							
Not Accessible	100%						D
<hr/>							
<b>Walls</b>							
Not Accessible	100%						D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
	<i>Location :</i>						
	<i>Explanation : Underneath Bridge Under Construction</i>						

**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**  
**11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH**

**Asset # : 2936**

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	
<b>Approaches</b>								
Pavement								
Asphalt	80%			2024	\$112,500	4	\$3,400	C
Asphalt	20%	4+	\$5,600	2024	\$28,100	4	\$2,300	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random At East Approach</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : At East Approach</i>								
<i>Explanation : Raveling</i>								
Concrete	80%			2032	**	4	\$9,200	C
Concrete	20%	2-4	\$6,100	2032	**	4	\$6,200	C
<i>Cracks, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Random At West Approach</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Near Joint At West Approach</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$3,900	LIFE	**			A
<i>Rust Stains, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Near Joints At Both Approaches</i>								
<b>Pavement Base</b>								
Not Accessible	100%							D
<b>Sidewalks</b>								
Concrete	70%			LIFE	**			C
Concrete	30%	4+	\$8,200	LIFE	**			C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At East Approach</i>								
<b>Piers</b>								
Cap Beam								
Steel	90%			LIFE	**	2-8	\$64,100	A
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : West Pier</i>								
<i>Explanation : Paint System Failure</i>								
Steel	10%	4+	\$4,300	LIFE	**	2-8	\$64,100	A
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<b>Pier, Columns</b>								
Steel	90%			LIFE	**	2-8	\$45,600	B
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : West Pier</i>								
<i>Explanation : Paint System Failure</i>								
Steel	10%	4+	\$8,200	LIFE	**	2-8	\$45,600	B
<i>Rust Stains, Extent : Light, Area Affected : 10%</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.

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

**Asset # : 2936**

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	Priority Code
<b>Piers</b>								
Stem,Solid Pier								
Concrete	75%			LIFE		**		B
Concrete	25%	4+	\$33,300	LIFE		**		B
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<hr/>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
<hr/>								
Footings								
Not Accessible	100%							D
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		A
<hr/>								
Pedestals								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Underneath Bridge Under Construction</i>								
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	95%			LIFE		**		A
Concrete w/ Steel Face	5%	4+	\$900	LIFE		**		A
<i>Rust Stains, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<hr/>								
Sidewalks								
Under Construction	100%							D
<hr/>								
Wearing Surface								
Concrete	75%			2026		**	5	\$21,000
Concrete	25%	4+	\$15,400	2026		**	5	\$10,500
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Old Repair, Extent : Light, Area Affected : 10%</i>								
<i>Location : 4 Ft X 8 Ft Patch With Steel Plate On Eastern Side</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<hr/>								
<b>Superstructure</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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Concrete	50%			LIFE	**	5	\$7,200	A
Concrete	50%	2-4	\$438,700	LIFE	**	5	\$7,200	A
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random With Exposed Reinforcement</i>								
Primary Member								
Concrete Encased Steel	60%			LIFE	**	5	\$32,800	A
Concrete Encased Steel	40%	4+	\$52,800	LIFE	**	5	\$32,800	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Bottom Flange Of Fascia Girder</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Secondary Member								
Concrete	75%			LIFE	**	5	\$127,000	B
Concrete	25%	4+	\$50,900	LIFE	**	5	\$127,000	B
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Spalling, 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.

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

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



Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 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

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$86,700	\$27,200	\$6,700	
<b>Total</b>	<b>\$86,700</b>	<b>\$27,200</b>	<b>\$6,700</b>	
Priority A	\$7,800			
Priority B	\$8,900			
Priority C	\$70,100	\$27,200	\$6,700	
<b>Total</b>	<b>\$86,700</b>	<b>\$27,200</b>	<b>\$6,700</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**  
**11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH**

**Asset # : 2937**

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	
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							
<hr/>								
Backwall Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							
<hr/>								
Brngs,Ancr Blts,Pads Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							
<hr/>								
<b>Footings</b>								
Not Accessible	100%							D
<hr/>								
<b>Joint with Deck</b>								
Generic	80%			LIFE		**		B
Generic	20%	4+	\$8,900	LIFE		**		B
	<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At West Abutment</i>							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		B
<hr/>								
<b>Stem (breastwall)</b>								
Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							
<hr/>								
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							D
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		C
<hr/>								
<b>Piles</b>								
Not Accessible	100%							D
<hr/>								
<b>Walls</b>								
Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							

**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**  
**11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH**

**Asset # : 2937**

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	
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	80%			2024	\$111,900	4	\$3,400	C
Asphalt	20%	2-4	\$2,800	2021	\$28,000	4	\$2,300	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random At East Approach</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random At East Approach</i>								
Concrete	95%			2032	**	4	\$200	C
Concrete	5%	4+		2032	**	4	\$100	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random At West Approach</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	80%	4+	\$6,200	LIFE	**			A
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random At West Approach</i>								
Concrete w/ Steel Face	20%	2-4	\$1,600	LIFE	**			A
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Spalled And Missing Concrete Behind Steel Curb Face At West Approach</i>								
<b>Embankment</b>								
Earth	80%			LIFE	**			C
Earth	20%	4+		LIFE	**			C
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Joint At West Approach</i>								
<b>Pavement Base</b>								
Not Accessible	100%							D
<b>Sidewalks</b>								
Concrete	50%			LIFE	**			C
Concrete	50%	2-4	\$26,200	LIFE	**			C
<i>Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random</i>								
<b>Piers</b>								
<b>Cap Beam</b>								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Underneath Bridge Under Construction</i>								
<b>Pier,Columns</b>								
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.

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

**Asset # : 2937**

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	Priority Code
<b>Piers</b>								
Stem,Solid Pier Not Accessible	100%							D
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Underneath Bridge Under Construction</i>						
Brngs,Ancr Blts,Pads Not Accessible	100%							D
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Underneath Bridge Under Construction</i>						
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	**			A
Pedestals Not Accessible	100%							D
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Underneath Bridge Under Construction</i>						
<b>Deck Elements</b>								
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 Concrete	90%			2028	**	5	\$13,400	C
Concrete	10%	4+	\$8,000	2028	**	5	\$6,700	C
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random</i>						
Wearing Surface Concrete	80%			2032	**	5	\$54,300	C
Concrete	20%	4+	\$31,900	2032	**	5	\$27,200	C
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Transverse Crack</i>						
<b>Superstructure</b>								
Deck,Structural 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.*

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

**Asset # : 2937**

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)	

Superstructure

Primary Member

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.*

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 11TH AVE VIADUCT (RAMP) W.33 ST/AMTRAK 30TH ST.BRANCH  
**Address** : WEST 33 STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0066.0B0 / 2933 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 16,500 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 25-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 224501B

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$154,000	\$27,300	\$83,900	
<b>Total</b>	<b>\$154,000</b>	<b>\$27,300</b>	<b>\$83,900</b>	
Priority A	\$92,800		\$33,000	
Priority B	\$8,900		\$41,100	
Priority C	\$52,200	\$27,300	\$9,800	
<b>Total</b>	<b>\$154,000</b>	<b>\$27,300</b>	<b>\$83,900</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**  
**11TH AVE VIADUCT (RAMP) W.33 ST/AMTRAK 30TH ST.BRANCH**

**Asset # : 2933**

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	
<b>Abutments</b>								
Bridge Seat&pedestals								
Concrete	80%			LIFE	**			A
Concrete	20%	4+	\$3,000	LIFE	**			A
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
<hr/>								
<b>Backwall</b>								
Concrete	100%	4+	\$12,900	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Front Face Of Back Wall</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Front Face Of Back Wall</i>								
<i>Rust Stains, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Front Face Of Back Wall</i>								
<hr/>								
<b>Brgs,Ancr Blts,Pads</b>								
Steel	70%			LIFE	**			A
Steel	30%	0-2	\$23,700	LIFE	**			A
<i>Corrosion, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random</i>								
<i>Rust Stains, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random</i>								
<hr/>								
<b>Footings</b>								
Not Accessible	100%							D
<hr/>								
<b>Joint with Deck</b>								
Generic	40%			LIFE	**			B
Generic	60%	Now	\$114,100	LIFE	**			B
<i>Broken/Missing Element, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Steel Member Of The Joint</i>								
<i>Leakage, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 70%</i>								
<i>Location : Various</i>								
<i>Explanation : Construction Operations On-going</i>								
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			B
<hr/>								
<b>Pedestals</b>								
Concrete	80%			LIFE	**			A
Concrete	20%	4+	\$29,700	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Spalling, 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.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
Stem (breastwall)								
Concrete	80%			LIFE	**			B
Concrete	20%	4+	\$76,200	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Delaminations, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Front Face Of Stem Wall</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			C
Piles								
Not Accessible	100%							D
Walls								
Masonry: Schist/Gneiss	100%			LIFE	**			C
<b>Approaches</b>								
Pavement								
Asphalt	85%			2024	\$210,700	4	\$6,100	C
Asphalt	15%	2-4	\$3,700	2024	\$37,200	4	\$4,000	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Concrete	100%			2038	**	4	\$6,200	C
<b>Curbs</b>								
Concrete w/ Steel Face	95%			LIFE	**			A
Concrete w/ Steel Face	5%	4+	\$100	LIFE	**			A
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<b>Guide Railing</b>								
Concrete	100%			2032	**	4	\$2,100	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Side</i>								
<i>Explanation : Concrete Wall Is On The South Side Of The Ramp</i>								
Steel	95%			LIFE	**	2-8	\$1,500	A
Steel	5%	Now	\$700	LIFE	**	2-8	\$1,500	A
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Side Of Ramp - 4th Post From End Of Abutment</i>								
<i>Explanation : Steel Fence Is On The North Side Of The Ramp, 4th Post From End Of Abutment Is Broken</i>								
<b>Pavement Base</b>								
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.33 ST/AMTRAK 30TH ST.BRANCH**

**Asset # : 2933**

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	
Approaches								
Sidewalks								
Concrete	80%			LIFE	**			C
Concrete	20%	2-4	\$5,200	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southwest Sidewalk</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Southwest Sidewalk</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
Piers								
Pier,Columns								
Concrete Encased Steel	85%			LIFE	**	5	\$900	B
Concrete Encased Steel	15%	4+	\$300	LIFE	**	5	\$900	B
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : In Concrete Encasement In Bottom Of Column</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Concrete Encasement At Bottom Of Column</i>								
Steel	90%			LIFE	**	2-8	\$119,700	B
Steel	10%	4+	\$42,900	LIFE	**	2-8	\$119,700	B
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location :</i>								
<i>Explanation : Column Encasement - Concrete - Is Damaged At 1 Column</i>								
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE	**	2-8	\$1,800	A
Steel	50%	2-4	\$131,500	LIFE	**	2-8	\$1,800	A
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random</i>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Steel	80%			LIFE	**			B
Steel	20%	4+	\$8,600	LIFE	**			B
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	90%			LIFE	**			A
Concrete w/ Steel Face	10%	Now	\$23,200	LIFE	**			A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Random</i>								
Railings/Parapets								
Concrete	100%			2032	**	4	\$12,800	A

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

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

\*\* 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	95%			2028	**	5	\$13,400	C
Concrete	5%	4+	\$2,000	2028	**	5	\$6,700	C
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Approximately 2 Square Feet On North Side</i>								
Wearing Surface								
Concrete	95%			2032	**	5	\$54,600	C
Concrete	5%	4+	\$2,000	2032	**	5	\$27,300	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 40%</i>								
<i>Location : Asphalt Repair At Longitudinal Joints</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	**	5	\$18,200	A
<i>Other Observation, Extent : Light, Area Affected : 33%</i>								
<i>Location : Center Of Structure</i>								
<i>Explanation : Covered By Timber Shielding</i>								
Concrete	5%	4+	\$7,500	LIFE	**	5	\$18,200	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Delaminations, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Adjacent To Joint In Middle Of The Bridge</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Wood Decking In Middle Bay For 5 Spans</i>								
Joints								
Generic	50%			LIFE	**			C
Generic	30%	2-4	\$13,500	LIFE	**			C
<i>Leakage, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Damaged Armor Joint</i>								
Generic	20%	Now	\$10,800	LIFE	**			C
<i>Broken/Missing Element, Extent : Severe, Area Affected : 60%</i>								
<i>Location : At End Bridge</i>								
Primary Member								
Steel	85%			LIFE	**	2-8	\$305,000	A
Steel	15%	2-4	\$643,600	LIFE	**	2-8	\$305,000	A
<i>Corrosion, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random</i>								
<i>Loss of Section, Extent : Light, Area Affected : 10%</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.

**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	\$255,500	B
Steel	20%	4+	\$118,500	LIFE	**	2-8	\$255,500	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.*

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 11TH AVENUE VIADUCT LIRR W. SIDE YARD  
**Address** : 30TH-36TH ST, 10TH-11TH AVE. LIRR WEST SIDE YARD  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0066.000 / 2491 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 157,500 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 18-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245010

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

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$121,000	\$17,100		\$16,700
<b>Total</b>	<b>\$121,000</b>	<b>\$17,100</b>		<b>\$16,700</b>
Priority A	\$52,200	\$16,000		
Priority C	\$68,800	\$1,100		\$16,700
<b>Total</b>	<b>\$121,000</b>	<b>\$17,100</b>		<b>\$16,700</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**  
**11TH AVENUE VIADUCT LIRR W. SIDE YARD**  
**Asset # : 2491**

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	
<b>Abutments</b>								
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%	0-2	\$73,500	LIFE		**		B
<i>Broken/Missing Element, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		B
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		**		C
Piles								
Not Accessible	100%							D
Walls								
Concrete	80%			LIFE		**		C
Concrete	20%	2-4	\$41,800	LIFE		**		C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
<i>Joints Missing, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
<b>Approaches</b>								
Pavement								
Asphalt	100%			2025	\$154,600	4	\$3,300	C
Concrete	80%			2027		**	\$33,400	C
Concrete	20%	2-4	\$19,300	2027		**	\$33,400	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		A
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations</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**  
**11TH AVENUE VIADUCT LIRR W. SIDE YARD**  
**Asset # : 2491**

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	
<b>Approaches</b>								
Guide Railing								
Concrete	80%			2033	**	4	\$8,600	A
Concrete	20%	4+	\$5,000	2033	**	4	\$5,700	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
<hr/>								
Pavement Base								
Not Accessible	100%							D
<hr/>								
Sidewalks								
Concrete	80%			LIFE	**			C
Concrete	20%	4+	\$15,300	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
<hr/>								
<b>Piers</b>								
Cap Beam								
Not Accessible	100%							D
<hr/>								
Pier,Columns								
Not Accessible	100%							D
<hr/>								
Stem,Solid Pier								
Not Accessible	100%							D
<hr/>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
<hr/>								
Footings								
Not Accessible	100%							D
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
<hr/>								
Pedestals								
Not Accessible	100%							D
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	98%			LIFE	**			A
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations</i>								
<hr/>								
Concrete w/ Steel Face	2%	Now	\$17,600	LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations</i>								
<i>Explanation : Missing / Separated Or Damaged Steel Plate</i>								
<hr/>								
Railings/Parapets								
Concrete	90%			2033	**	4	\$39,500	A
Concrete	10%	4+	\$29,600	2033	**	4	\$26,300	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Between 33th And 34th Street</i>								
<i>Explanation : Area Under Construction</i>								
<hr/>								
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**  
**11TH AVENUE VIADUCT LIRR W. SIDE YARD**  
**Asset # : 2491**

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	
Deck Elements								
Sidewalks								
Concrete	80%			2029	**	5	\$84,000	C
Concrete	20%	4+	\$23,100	2029	**	5	\$42,000	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
Wearing Surface								
Concrete	95%			2033	**	5	\$643,700	C
Concrete	5%	0-2	\$11,000	2033	**	5	\$321,900	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Scupper								
Cast Iron	40%			LIFE	**			C
Cast Iron	60%	0-2	\$51,100	LIFE	**			C
<i>Drains Clogged, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Scattered Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							D
Joints								
Generic	60%	4+	\$230,400	LIFE	**			C
<i>Joints Missing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Generic	40%	0-2	\$153,600	LIFE	**			C
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At 34th Street</i>								
<i>Leakage, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At 34th Street ( South Section)</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W125TH ST.& OTHERS  
**Address** : RIVERSIDE DR,ST.CLAIRES,134 ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0068.000 / 2662 **Yr Built/Renovated** : 1897 /  
**Area Sq Ft** : 148,338 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 08-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246660

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$5,685,000	\$4,301,400
<b>Total</b>	<b>\$5,685,000</b>	<b>\$4,301,400</b>
Priority A	\$2,756,000	\$1,723,700
Priority B	\$2,652,300	\$2,152,300
Priority C	\$276,700	\$425,400
<b>Total</b>	<b>\$5,685,000</b>	<b>\$4,301,400</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$1,559,100		\$381,900	\$800
<b>Total</b>	<b>\$1,559,100</b>		<b>\$381,900</b>	<b>\$800</b>
Priority A	\$620,400		\$150,600	\$800
Priority B	\$854,400		\$215,900	
Priority C	\$84,300		\$15,400	
<b>Total</b>	<b>\$1,559,100</b>		<b>\$381,900</b>	<b>\$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**  
**125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W125TH ST.& OTHERS**

**Asset # : 2662**

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								
Granite	100%	4+	\$19,100	LIFE		*	*	A
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Top Of End Abutment</i>								
<i>Explanation : Missing Mortar</i>								
Backwall								
Granite	75%			LIFE		*	*	C
Granite	25%	4+	\$20,500	LIFE		*	*	C
<i>Efflorescence, Extent : Light, Area Affected : 20%</i>								
<i>Location : End Abutment</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	4+	\$13,000	LIFE		*	*	B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout At End Abutment</i>								
<i>Explanation : Cracks In Header Concrete</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		*	*	B
Pedestals								
Concrete	100%			LIFE		*	*	A
Stem (breastwall)								
Granite	92%			LIFE		*	*	B
Granite	8%	4+	\$246,200	LIFE		*	*	B
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : At End Abutment</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At Beginning Abutment</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Beginning And End Abutments</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : At End Abutment</i>								
<i>Explanation : Rust Staining</i>								
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**  
**125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W125TH ST.& OTHERS**

**Asset # : 2662**

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	Priority Code
Wingwalls								
Walls								
Granite	90%			LIFE	**			C
Granite	10%	4+	\$34,700	LIFE	**			C
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At End Abutment</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Beginning And End Abutments</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At End Abutment</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : At End Abutment</i>								
<i>Explanation : Missing Mortar</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$9,900	2026	**	4	\$8,100	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : At End Of Abutment</i>								
Concrete	50%			2034	**	4	\$30,800	C
Concrete	50%	Now	\$19,200	2034	**	4	\$30,800	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : At End Abutment</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : At End Abutment</i>								
<i>Spalling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At End Abutment</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Rust Stains, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At End Abutment</i>								
Embankment								
Earth	100%			LIFE	**			C
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%	4+	\$6,700	2034	**			A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Granite	90%			LIFE	**			A
Granite	10%	0-2	\$25,200	LIFE	**			A
<i>Vegetation Growth, Extent : Severe, Area Affected : 90%</i>								
<i>Location : Below Capstone Of Beginning And End Approaches</i>								
<i>Other Observation, Extent : Severe, Area Affected : 90%</i>								
<i>Location : End Approach And Begin Approach</i>								
<i>Explanation : Missing And Broken Element And Missing Mortar</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**  
**125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W125TH ST.& OTHERS**

**Asset # : 2662**

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	
Approaches								
Sidewalks								
Asphalt	100%	4+	\$47,500	2026	**	4	\$8,100	C
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Northwest Corner</i>								
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Northwest Corner</i>								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Steel	90%			LIFE	**	2-8	\$125,100	A
Steel	10%	4+	\$19,900	LIFE	**	2-8	\$74,800	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Extrados Flanges Of The Bottom Member, And Throughout Latticing</i>								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$3,228,000	B
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Stem,Solid Pier								
Granite	90%			LIFE	**			B
Granite	10%	4+	\$253,800	LIFE	**			B
<i>Efflorescence, Extent : Light, Area Affected : 20%</i>								
<i>Location : Beginning Approach</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Beginning Approach</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paved Underneath, Brick Pavers At Pier 1</i>								
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Rust Stains, Extent : Moderate, Area Affected : 30%</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**  
**125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W125TH ST.& OTHERS**  
**Asset # : 2662**

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	
Deck Elements								
Railings/Parapets								
Masonry	90%			2034	**	5	\$1,600	A
Masonry	10%	4+	\$7,600	2034	**	5	\$800	A
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Begin Abutment</i>								
<i>Explanation : Missing Mortar Joint And Cracking</i>								
Steel	100%			LIFE	**	2-8	\$125,200	A
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Concrete	90%			2030	**	5	\$72,300	C
Concrete	10%	4+	\$43,000	2030	**	5	\$36,200	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wearing Surface								
Asphalt	100%			2026	**	5		C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Span No. 1</i>								
<i>Explanation : At Span No. 1 Only</i>								
Concrete	100%	4+	\$186,200	2034	**	5	\$316,900	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total Of 16 Scuppers</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$326,500	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Bottom Side Of Slab Covered By Stay-in-place Forms</i>								
Joints								
Steel	100%			LIFE	**			C
Primary Member								
Concrete	70%			LIFE	**	5	\$61,100	A
Concrete	30%	0-2	\$1,125,600	LIFE	**	5	\$30,500	A
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Span 1</i>								
<i>Explanation : Hollow Area Of Brick Veneers; Missing Elements And Covered With Steel Mesh</i>								
Steel	100%			LIFE	**	2-8	\$4,512,300	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$4,032,700	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 21ST STREET BRIDGE  
**Address** : 21ST STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0170.000 / 13578 **Yr Built/Renovated** :  
**Area Sq Ft** : 17,590 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 11-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247270

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$253,100	\$53,500
<b>Total</b>	<b>\$253,100</b>	<b>\$53,500</b>
Priority B	\$53,500	\$53,500
Priority C	\$199,600	
<b>Total</b>	<b>\$253,100</b>	<b>\$53,500</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$129,700		\$10,000	\$34,600
<b>Total</b>	<b>\$129,700</b>		<b>\$10,000</b>	<b>\$34,600</b>
Priority A	\$13,800		\$4,600	
Priority B	\$66,200		\$5,400	
Priority C	\$49,800			\$34,600
<b>Total</b>	<b>\$129,700</b>		<b>\$10,000</b>	<b>\$34,600</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**  
**21ST STREET BRIDGE**  
**Asset # : 13578**

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									
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+	\$21,200	LIFE		**		B	
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
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									
Masonry	50%	4+	\$16,400	LIFE		**		C	
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Random Locations Throughout</i>									
Masonry	50%			LIFE		**		C	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Explanation : Not Accessible</i>									
Approaches									
Pavement									
Asphalt	100%	4+	\$8,800	2026		**	4	\$2,900	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : East And West End</i>									
<i>Recent Repair Evident, Extent : Light, Area Affected : 15%</i>									
<i>Location : East Side</i>									
Concrete	100%	4+	\$24,500	2034		**	4	\$19,700	C
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Along Joint Header</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**  
**21ST STREET BRIDGE**  
**Asset # : 13578**

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	
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$2,400	LIFE	**			A
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Both Approaches</i>								
Embankment								
Earth	100%			LIFE	**			C
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%			LIFE	**			C
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							D
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$252,600	B
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+	\$4,600	LIFE	**			A
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%			2034	**	4	\$8,400	A
Steel	100%	4+	\$6,900	LIFE	**	2-8	\$11,500	A
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Concrete	100%			2030	**	5	\$11,100	C
Wearing Surface								
Concrete	100%			2034	**	5	\$69,100	C
Superstructure								
Deck,Structural								
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**  
**21ST STREET BRIDGE**  
**Asset # : 13578**

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)	
Superstructure							
Joints							
Steel	100%	4+	\$199,600	LIFE	* *		C
		<i>Broken/Missing Element, Extent : Light, Area Affected : 20%</i>					
		<i>Location : Throughout</i>					
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 31ST STREET BRIDGE  
**Address** : 31ST STREET OVER BROOKLYN/QUEENS EXPRESSWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0175.000 / 13670 **Yr Built/Renovated** :  
**Area Sq Ft** : 9,500 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 02-Aug-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230657

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$1,464,100	\$396,400
<b>Total</b>	<b>\$1,464,100</b>	<b>\$396,400</b>
Priority A	\$1,105,000	\$94,000
Priority B	\$205,900	\$94,000
Priority C	\$153,300	\$208,400
<b>Total</b>	<b>\$1,464,100</b>	<b>\$396,400</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$34,700		\$19,000	\$6,200
<b>Total</b>	<b>\$34,700</b>		<b>\$19,000</b>	<b>\$6,200</b>
Priority A	\$2,600		\$9,600	
Priority B	\$22,200		\$9,400	
Priority C	\$9,900			\$6,200
<b>Total</b>	<b>\$34,700</b>		<b>\$19,000</b>	<b>\$6,200</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**  
**31ST STREET BRIDGE**  
**Asset # : 13670**

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								
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+	\$22,200	LIFE		* *		B
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random</i>					
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+	\$153,300	LIFE		* *		C
			<i>Efflorescence, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random</i>					
Approaches								
Pavement								
Asphalt	100%	4+	\$2,300	2024	\$113,200	4	\$2,700	C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random</i>					
			<i>Settlement, Extent : Light, Area Affected : 10%</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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**31ST STREET BRIDGE**  
**Asset # : 13670**

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	
Approaches								
Curbs								
Concrete	90%			LIFE		**		A
Concrete	10%	4+	\$1,500	LIFE		**		A
<i>Broken/Missing Element, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random</i>								
Concrete w/ Steel Face	100%			LIFE		**		A
Embankment								
Not Accessible	100%							D
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%	4+	\$2,000	LIFE		**		C
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random</i>								
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$205,900	LIFE		**		B
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
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+	\$1,100	LIFE		**		A
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$3,900 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%	4+	\$5,600	2028	* *	5	\$3,400	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random</i>								
Wearing Surface								
Asphalt	100%			2024	\$95,100	5	\$12,400	C
<i>Cracks, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$792,800	LIFE	* *	5	\$10,500	A
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : As Per Nysdot Inspection Report</i>								
Primary Member								
Steel	100%	4+	\$312,100	LIFE	* *	2-8	\$175,600	A
<i>Broken,Missing Pave, Extent : Light, Area Affected : 5%</i>								
<i>Location : A Broken Intermittent Weld At Stringer S8 At Span 1</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Stringers S2, S3 &amp; S5</i>								
<i>Explanation : Impact Damage As Per Nysdot Inspection Report</i>								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$147,100	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.

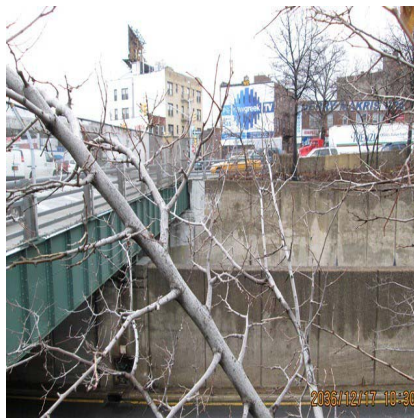
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**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** : 1930 / 1982  
**Area Sq Ft** : 8,100 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 03-Jan-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2230640

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$130,400	\$149,300
<b>Total</b>	<b>\$130,400</b>	<b>\$149,300</b>
Priority B	\$54,300	
Priority C	\$76,100	\$149,300
<b>Total</b>	<b>\$130,400</b>	<b>\$149,300</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$55,900		\$300	
<b>Total</b>	<b>\$55,900</b>		<b>\$300</b>	
Priority A	\$10,600		\$300	
Priority B	\$20,400			
Priority C	\$24,800			
<b>Total</b>	<b>\$55,900</b>		<b>\$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**  
**32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)**

**Asset # : 13710**

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)	
<b>Abutments</b>							
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%	4+	\$13,200	LIFE	* *		B
			<i>Broken/Missing Element, Extent : Moderate, Area Affected : 80%</i>				
			<i>Location : At Both Abutments</i>				
Mat (scour & erosion) Generic	100%			LIFE	* *		B
Pedestals Concrete	100%			LIFE	* *		A
Stem (breastwall) Concrete	100%	4+	\$54,300	LIFE	* *		B
			<i>Cracks, Extent : Moderate, Area Affected : 15%</i>				
			<i>Location : Random Locations</i>				
			<i>Efflorescence, Extent : Light, Area Affected : 20%</i>				
			<i>Location : Random Locations</i>				
<b>Wingwalls</b>							
Footings Not Accessible	100%						D
Mat (scour & erosion) Generic	100%			LIFE	* *		C
Piles Not Accessible	100%						D
Walls Concrete	100%	4+	\$76,100	LIFE	* *		C
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>				
			<i>Location : Throughout</i>				
			<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>				
			<i>Location : Random Locations</i>				
			<i>Spalling, Extent : Light, Area Affected : 10%</i>				
			<i>Location : Random Locations</i>				
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>				
			<i>Location : Begin Abutment West Wingwall</i>				
			<i>Explanation : Exposed Rebar</i>				

**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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%	4+	\$7,500	2025	\$149,300	4	\$3,500	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Approaches</i>								
<i>Explanation : Asphalt 50 Percent; Concrete 50 Percent</i>								
Concrete	100%	4+	\$4,600	2033	**	4	\$13,400	C
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Embankment								
Generic	100%			LIFE	**			C
Railings/Parapets								
Steel	100%	4+	\$10,600	LIFE	**			A
<i>Damaged Railing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At End Approach ( West Side)</i>								
Sidewalks								
Concrete	100%	4+	\$3,100	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
Stem,Solid Pier								
Concrete	5%	4+	\$7,200	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Span 2 Side</i>								
Concrete	95%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$3,700	A
Footings								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Mono Deck Surface								
Concrete	100%	4+	\$2,700	2044	**	5	\$17,900	C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</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**  
**32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)**  
**Asset # : 13710**

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	
Deck Elements								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	\$3,600	A
Sidewalks								
Concrete	100%	4+	\$6,900	2029	* *	5	\$1,700	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 3RD AVE. BRIDGE  
**Address** : 3RD AVE. OVER LIRR BAY RIDGE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0165.000 / 13573 **Yr Built/Renovated** : 1914 /  
**Area Sq Ft** : 17,230 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2243320

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$434,100	\$170,500
<b>Total</b>	<b>\$434,100</b>	<b>\$170,500</b>
Priority A	\$170,500	\$170,500
Priority B	\$81,100	
Priority C	\$182,500	
<b>Total</b>	<b>\$434,100</b>	<b>\$170,500</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$227,600		\$33,500	
<b>Total</b>	<b>\$227,600</b>		<b>\$33,500</b>	
Priority A	\$143,100		\$17,700	
Priority B	\$900			
Priority C	\$83,600		\$15,800	
<b>Total</b>	<b>\$227,600</b>		<b>\$33,500</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**  
**3RD AVE. BRIDGE**  
**Asset # : 13573**

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	Priority Code	
<b>Abutments</b>									
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	\$81,100	LIFE		**		B	
<i>Loose Elements, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Both Abutments</i>									
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 60%</i>									
<i>Location : Throughout</i>									
Mat (scour & erosion)									
Earth	100%			LIFE		**		B	
Pedestals									
Not Accessible	100%							D	
Stem (breastwall)									
Not Accessible	100%							D	
<b>Wingwalls</b>									
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%			LIFE		**		C	
Piles									
Not Accessible	100%							D	
Walls									
Not Accessible	100%							D	
<b>Approaches</b>									
<b>Pavement</b>									
Asphalt	100%	4+	\$26,500	2026		**	4	\$7,400	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>									
<i>Location : Throughout</i>									
Concrete	80%			2034		**	4	\$31,600	C
Concrete	20%	0-2	\$182,500	2040		**	4	\$31,600	C
<i>Broken,Missing Pave, Extent : Severe, Area Affected : 5%</i>									
<i>Location : Begin Approach</i>									
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Both Approaches</i>									
<i>Recent Repair Evident, Extent : Light, Area Affected : 5%</i>									
<i>Location : South Approach</i>									
<i>Spalling, Extent : Severe, Area Affected : 5%</i>									
<i>Location : Begin Approach</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**  
**3RD AVE. BRIDGE**  
**Asset # : 13573**

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	
Approaches								
Curbs								
Concrete w/ Steel Face	95%			LIFE	**			A
Concrete w/ Steel Face	5%	Now	\$3,300	LIFE	**			A
<i>Broken, Missing Pave, Extent : Light, Area Affected : 20%</i>								
<i>Location : Northwest Corner</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE	**			C
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%			2034	**			A
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**			A
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Bottom Rails</i>								
Sidewalks								
Concrete	90%			LIFE	**			C
Concrete	10%	2-4	\$10,500	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Begin Approach</i>								
Piers								
Cap Beam								
Concrete Encased Steel	100%			LIFE	**	5	\$8,700	A
Pier, Columns								
Concrete Encased Steel	100%			LIFE	**	5	\$1,800	B
Stem, Solid Pier								
Concrete	100%			LIFE	**			B
Brngs, Ancr Blts, Pads								
Steel	100%	4+	\$32,000	LIFE	**	2-8	\$4,800	A
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Pier 3</i>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	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**  
**3RD AVE. BRIDGE**  
**Asset # : 13573**

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	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$23,100	LIFE	**			A
<i>Rust Stains, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%	4+	\$16,500	2034	**	4	\$7,300	A
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%	4+	\$7,000	LIFE	**	2-8	\$10,100	A
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Bottom Bar</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Top Of Concrete Parapets</i>								
<i>Explanation : Steel Fence</i>								
Sidewalks								
Concrete	100%	4+	\$16,100	2030	**	5	\$5,800	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$22,100	2034	**	5	\$32,400	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							D
Joints								
Generic	100%	2-4	\$8,400	LIFE	**			C
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Middle Of Span</i>								
<i>Spalling, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Concrete Header</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$546,000	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 49TH AVE. BRIDGE  
**Address** : 49TH AVE.  
**Borough** : QUEENS  
**Program / Asset #** : DOT0167.000 / 13575  
**Area Sq Ft** : 20,200  
**Date of Survey** : 11-Nov-2013  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$1,628,300	\$874,400
<b>Total</b>	<b>\$1,628,300</b>	<b>\$874,400</b>
Priority A	\$785,800	\$444,300
Priority B	\$691,700	\$348,700
Priority C	\$150,900	\$81,400
<b>Total</b>	<b>\$1,628,300</b>	<b>\$874,400</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$264,400		\$80,700	
<b>Total</b>	<b>\$264,400</b>		<b>\$80,700</b>	
Priority A	\$104,300		\$45,700	
Priority B	\$118,600		\$35,000	
Priority C	\$41,500			
<b>Total</b>	<b>\$264,400</b>		<b>\$80,700</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**  
**49TH AVE. BRIDGE**  
**Asset # : 13575**

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	Priority Code
<b>Abutments</b>								
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+	\$147,100	LIFE	**			B
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Header Concrete</i>					
			<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
Mat (scour & erosion) Earth	100%			LIFE	**			B
Stem (breastwall) Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$19,800	LIFE	**			B
			<i>Cracks, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Both Abutments</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
<b>Wingwalls</b>								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	**			C
Piles Not Accessible	100%							D
Walls Concrete	85%			LIFE	**			C
Concrete	15%	4+	\$61,600	LIFE	**			C
			<i>Cracks, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Northwest Wingwall</i>					
<b>Approaches</b>								
Pavement Asphalt	100%	4+	\$21,700	2026	**	4	\$15,300	C
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Approximately 25 Feet From Bridge West End</i>					
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**  
**49TH AVE. BRIDGE**  
**Asset # : 13575**

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	
<b>Approaches</b>								
Embankment								
Earth	100%			LIFE	**			C
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Railings/Parapets								
Cast Stone	100%			LIFE	**			A
			<i>Recent Replace Evident, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Begin Brick Wall</i>					
Steel	100%			LIFE	**			A
<b>Sidewalks</b>								
Concrete	100%	4+	\$48,500	LIFE	**			C
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random At Isolated Locations</i>					
			<i>Settlement, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Near The Beginning Of The Bridge</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
<b>Piers</b>								
Cap Beam								
Not Accessible	100%							D
Pier,Columns								
Steel	20%	4+	\$89,100	LIFE	**	2-8	\$214,100	B
			<i>Corrosion, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Localized Area</i>					
Steel	80%			LIFE	**	2-8	\$350,900	B
Stem,Solid Pier								
Concrete	80%			LIFE	**			B
Concrete	20%	4+	\$181,200	LIFE	**			B
			<i>Cracks, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 90%</i>					
			<i>Location : Pier 1</i>					
			<i>Explanation : Covered With Wood Planks</i>					
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
<b>Piles</b>								
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**  
**49TH AVE. BRIDGE**  
**Asset # : 13575**

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	
Deck Elements								
Curbs								
Concrete w/ Steel Face	90%			LIFE	**			A
Concrete w/ Steel Face	10%	4+	\$6,500	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : At East Joint</i>								
<i>Rust Stains, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At East Joint</i>								
Railings/Parapets								
Concrete	100%			2034	**	4	\$10,300	A
Steel	100%			LIFE	**	2-8	\$23,000	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entire Length</i>								
<i>Explanation : Chain Link Fence</i>								
Sidewalks								
Concrete	80%			2030	**	5	\$13,600	C
Concrete	20%	4+	\$9,300	2030	**	5	\$6,800	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : East And West Ends</i>								
Wearing Surface								
Concrete	90%			2034	**	5	\$81,400	C
Concrete	10%	0-2	\$2,800	2034	**	5	\$40,700	C
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Joint Header Concrete</i>								
<i>Spalling, Extent : Light, Area Affected : 70%</i>								
<i>Location : Over East Pier</i>								
<i>Other Observation, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Over East Pier</i>								
<i>Explanation : Large Steel Plates At Deck Joint</i>								
Superstructure								
Deck, Structural								
Concrete	10%	4+	\$129,600	LIFE	**	5	\$22,200	A
<i>Spalling, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Over East Pier</i>								
Concrete	90%			LIFE	**	5	\$44,500	A
Joints								
Generic	100%	0-2	\$7,700	LIFE	**			C
<i>Exposed Reinforcement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Beneath The Sidewalk Along The Joint</i>								
<i>Leakage, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : East Pier</i>								
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Pier 3</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**  
**49TH AVE. BRIDGE**  
**Asset # : 13575**

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								
Primary Member								
Steel	80%			LIFE	**	2-8	\$640,100	A
Steel	20%	4+	\$456,300	LIFE	**	2-8	\$373,400	A
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : On Girder Flanges Near East Pier</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$549,200	B
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations 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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 4TH AVE. BRIDGE  
**Address** : FOURTH AVE. OVER LIRR BAY RIDGE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0168.000 / 13576 **Yr Built/Renovated** : 1919 /  
**Area Sq Ft** : 19,400 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2243330

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$829,300	\$289,800
<b>Total</b>	<b>\$829,300</b>	<b>\$289,800</b>
Priority A	\$829,300	\$289,800
<b>Total</b>	<b>\$829,300</b>	<b>\$289,800</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$196,300		\$20,600	
<b>Total</b>	<b>\$196,300</b>		<b>\$20,600</b>	
Priority A	\$137,400		\$19,600	
Priority C	\$58,900		\$900	
<b>Total</b>	<b>\$196,300</b>		<b>\$20,600</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**  
**4TH AVE. BRIDGE**  
**Asset # : 13576**

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	
<b>Abutments</b>								
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
<b>Wingwalls</b>								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	**			C
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	**			C
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	90%			2026	**	4	\$1,900	C
Asphalt	10%	2-4	\$3,400	2026	**	4	\$1,900	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$14,000	LIFE	**			A
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Northeast Corner</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Embankment</b>								
Earth	100%			LIFE	**			C
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			A
<b>Railings/Parapets</b>								
Concrete	100%	4+	\$3,000	2034	**			A
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
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**  
**4TH AVE. BRIDGE**  
**Asset # : 13576**

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	
Approaches								
Sidewalks								
Concrete	100%	4+	\$14,300	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Approach</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
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	\$5,000	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Exterior Column</i>								
<i>Explanation : Steel Rods Projecting Out Of Pedestal</i>								
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$2,900	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%	4+	\$25,600	2034	**	4	\$5,300	A
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout The West Side</i>								
Steel	100%			LIFE	**	2-8	\$11,800	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Fence At Top Of Concrete Parapet</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**  
**4TH AVE. BRIDGE**  
**Asset # : 13576**

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	
Deck Elements								
Sidewalks								
Concrete	100%	4+	\$33,600	2030	* *	5	\$5,700	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Along Sidewalk Joint Headers</i>								
Wearing Surface								
Asphalt	100%	4+	\$7,600	2026	* *	5	\$6,900	C
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	* *	5	\$42,700	A
Joints								
Generic	100%			LIFE	* *			C
Primary Member								
Concrete Encased Steel	100%	4+	\$637,300	LIFE	* *	5	\$97,800	A
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rust Staining Evident</i>								
Steel	100%			LIFE	* *	2-8	\$614,700	A
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Bottom Flange Of Exterior Girder</i>								
<i>Explanation : Paint Peeling</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 86TH ST. BRIDGE  
**Address** : 86TH ST.  
**Borough** : BROOKLYN  
**Program / Asset #** : DOT0171.000 / 13579  
**Area Sq Ft** : 18,200  
**Date of Survey** : 18-Nov-2013  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$516,700	\$360,300
<b>Total</b>	<b>\$516,700</b>	<b>\$360,300</b>
Priority A	\$180,100	\$180,100
Priority B	\$180,100	\$180,100
Priority C	\$156,400	
<b>Total</b>	<b>\$516,700</b>	<b>\$360,300</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$177,900		\$38,100	
<b>Total</b>	<b>\$177,900</b>		<b>\$38,100</b>	
Priority A	\$80,100		\$20,000	
Priority B	\$60,400		\$18,100	
Priority C	\$37,400			
<b>Total</b>	<b>\$177,900</b>		<b>\$38,100</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**  
**86TH ST. BRIDGE**  
**Asset # : 13579**

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								
Concrete	100%			LIFE		**		A
Backwall								
Concrete	25%	4+	\$24,700	LIFE		**		C
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	75%			LIFE		**		C
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2045		**		A
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	45%	4+	\$27,600	LIFE		**		B
			<i>Leakage, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Concrete Headers</i>					
Generic	55%			LIFE		**		B
Stem (breastwall)								
Not Accessible	100%							D
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : Both Abutments</i>					
			<i>Explanation : Behind Station Platform Wall</i>					
Walls								
Concrete	100%			LIFE		**		A
			<i>Other Observation, Extent : Light, Area Affected : 80%</i>					
			<i>Location : Both Abutments</i>					
			<i>Explanation : Backwalls Partially Covered By Station Walls</i>					
Wingwalls								
Footings								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%	4+	\$46,300	LIFE		**		C
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Southeast And Southwest Wingwalls</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Southeast And Southwest Wingwalls</i>					
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Northeast And Northwest Wingwalls</i>					
			<i>Explanation : Wingwalls Covered By Station Walls</i>					

## Approaches

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**86TH ST. BRIDGE**  
**Asset # : 13579**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Concrete	100%	4+	\$63,800	2034	**	4	\$44,200	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northwest Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Embankment								
Earth	100%			LIFE	**			C
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%			LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Mono Deck Surface								
Concrete	100%	4+	\$5,300	2045	**	5	\$21,300	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Near Northeast Abutment</i>								
Railings/Parapets								
Concrete	100%			2034	**	4	\$4,000	A
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Both Abutments</i>								
<i>Explanation : Concrete Parapet At South Side Of The Bridge And Subway Station At North Side Of The Bridge</i>								
Sidewalks								
Concrete	100%	4+	\$46,300	2030	**	5	\$6,700	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Along The North Side Of The Bridge</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$40,100	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Deck</i>								
<i>Explanation : Underside Covered With Stay - In - Place Forms Except One Bay</i>								
Joints								
Generic	100%	0-2	\$7,400	LIFE	**			C
<i>Leakage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Along The Joint Between A Station And Bridge Deck</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$576,700	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**  
**86TH ST. BRIDGE**  
**Asset # : 13579**

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	Priority Code
Superstructure								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$494,800	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : AMTRAK BRIDGE EAST 174TH ST/895IX  
**Address** : E. 174ST, BRONX RIVER, I895  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0005.000 / 2440 **Yr Built/Renovated** : 1909 /  
**Area Sq Ft** : 46,200 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 30-Oct-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2066720

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$1,889,600	\$1,127,700
<b>Total</b>	<b>\$1,889,600</b>	<b>\$1,127,700</b>
Priority A	\$805,500	\$559,000
Priority B	\$794,400	\$487,000
Priority C	\$289,700	\$81,700
<b>Total</b>	<b>\$1,889,600</b>	<b>\$1,127,700</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$412,700		\$99,600	
<b>Total</b>	<b>\$412,700</b>		<b>\$99,600</b>	
Priority A	\$227,600		\$50,300	
Priority B	\$131,100		\$48,800	
Priority C	\$54,000		\$500	
<b>Total</b>	<b>\$412,700</b>		<b>\$99,600</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**  
**AMTRAK BRIDGE EAST 174TH ST/895IX**  
**Asset # : 2440**

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								
Concrete	75%			LIFE	**			A
Concrete	25%	4+	\$6,500	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random On Bridge Seat</i>								
Backwall								
Concrete	40%	4+	\$12,000	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Beginning Abutment</i>								
Concrete	60%			LIFE	**			C
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**			A
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	4+	\$23,000	LIFE	**			B
<i>Loose Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : At Beginning Abutment</i>								
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+	\$150,300	LIFE	**			C
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations At End Abutment</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations At End Abutment</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations At End Abutment</i>								
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : End Abutment</i>								
<i>Explanation : Observations Are Based On 2012 N. Y. S. D. O. T. Biennial Report</i>								
Stream Channel								
Bank Protection								
Riprap	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : River Banks</i>								
<i>Explanation : East Bank Has Riprap, West Bank Is Earth</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**  
**AMTRAK BRIDGE EAST 174TH ST/895IX**  
**Asset # : 2440**

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								
Mat (scour & erosion)								
Generic	100%			LIFE	**			A
Approaches								
Pavement								
Asphalt	80%			2026	**	4	\$1,000	C
Asphalt	20%	4+	\$8,200	2026	**	4	\$1,000	C
	<i>Cracks, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : At End Approaches</i>							
	<i>Explanation : Rutting</i>							
Concrete	100%	4+	\$8,900	2034	**	4	\$15,400	C
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : East Approach</i>							
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
	<i>Rust Stains, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Both Abutments</i>							
Embankment								
Earth	100%			LIFE	**			C
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%			2034	**			A
Steel	100%			LIFE	**			A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Steel Railing On Both Approaches</i>							
	<i>Explanation : Steel Wall Panel 230 Ft, And Chain Link Fence With 4-steel Rails On East Approach</i>							
Sidewalks								
Concrete	100%	4+	\$3,500	LIFE	**			C
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Piers								
Cap Beam								
Concrete	100%	4+	\$20,700	LIFE	**			A
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 2%</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**  
**AMTRAK BRIDGE EAST 174TH ST/895IX**  
**Asset # : 2440**

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	Priority Code
Piers								
Pier,Columns Concrete	100%	4+	\$139,400	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Loss of Section, Extent : Light, Area Affected : 2%</i>								
<i>Location : Coping At Top Of Pier 3</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Steel	100%			LIFE	**	2-8	\$140,100	B
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE	**	2-8	\$10,000	A
Steel	50%	2-4	\$198,400	LIFE	**	2-8	\$5,900	A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location :</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Span 5 Pier 5</i>								
<i>Explanation : Anchor Bolts Exposed</i>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	75%			LIFE	**			B
Concrete	25%	2-4	\$167,900	LIFE	**			B
<i>Cracks, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Pier 5 And 6, Temporary Shoring At Pier 5</i>								
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pier 5 And 6</i>								
Guide Railing								
Steel	100%	4+	\$6,600	LIFE	**			A
<i>Loose Fastenings, Extent : Light, Area Affected : 2%</i>								
<i>Location : Midspan South Sidewalk</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Both Sides Of The Truss Bridge</i>								
<i>Explanation : Corrugated Guide Rail With 3-pipe Railing</i>								
Median								
Concrete	100%			LIFE	**	5	\$33,600	A
Railings/Parapets								
Concrete	100%			2034	**	4	\$5,600	A
Steel	100%			LIFE	**	2-8	\$52,900	A
<i>Rust Stains, Extent : Light, Area Affected : 5%</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**  
**AMTRAK BRIDGE EAST 174TH ST/895IX**  
**Asset # : 2440**

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	
Deck Elements								
Sidewalks								
Concrete	90%			2030	**	5	\$30,600	C
Concrete	10%	4+	\$10,500	2030	**	5	\$15,300	C
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$139,400	2034	**	5	\$81,700	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 5%</i>								
<i>Location : Asphalt Patching Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			C
Superstructure								
Deck,Structural								
Concrete	85%			LIFE	**	5	\$101,700	A
Concrete	15%	4+	\$99,000	LIFE	**	5	\$50,800	A
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout, Concentrated At Piers 3 And 5</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout, Concentrated At Piers 3 And 5</i>								
Joints								
Generic	80%			LIFE	**			C
Generic	20%	4+	\$10,800	LIFE	**			C
<i>Broken/Missing Element, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Loose Elements, Extent : Moderate, Area Affected : 0%</i>								
<i>Location : At Beginning Abutment</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,463,900	A
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,256,000	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : AMTRAK BRIDGE LEGGETT AVE/AMTRAK  
**Address** : LEGGETT AVE,BRUCKNER GARRISON  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0055.000 / 2480 **Yr Built/Renovated** : 1906 /  
**Area Sq Ft** : 28,209 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 20-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241139

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$6,646,000	\$998,100
<b>Total</b>	<b>\$6,646,000</b>	<b>\$998,100</b>
Priority A	\$6,514,500	\$560,200
Priority B		\$280,100
Priority C	\$131,500	\$157,800
<b>Total</b>	<b>\$6,646,000</b>	<b>\$998,100</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$82,200		\$99,600	
<b>Total</b>	<b>\$82,200</b>		<b>\$99,600</b>	
Priority A	\$14,300		\$56,900	
Priority B	\$14,000		\$28,100	
Priority C	\$53,900		\$14,700	
<b>Total</b>	<b>\$82,200</b>		<b>\$99,600</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**  
**AMTRAK BRIDGE LEGGETT AVE/AMTRAK**  
**Asset # : 2480**

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								
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+	\$14,000	LIFE		**		B
<i>Misaligned/Bulging, Extent : Light, Area Affected : 30%</i>								
<i>Location : Joint Filler At East Abutment</i>								
Pedestals								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
Wingwalls								
Mat (scour & erosion)								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
Approaches								
Pavement								
Concrete	50%			2032		**	4	\$64,800
Concrete	50%	4+	\$31,200	2032		**	4	\$43,200
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Beginning Abutment Joint</i>								
Curbs								
Concrete	100%			LIFE		**		A
Concrete w/ Steel Face	100%			LIFE		**		A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Pedestals								
Not Accessible	100%							D
Deck Elements								
Guide Railing								
Concrete	5%	2-4	\$14,300	2036	**			A
<i>Spalling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Corner Spall With Exposed Rebar At Northwest Corner Of Barrier</i>								
Concrete	95%			2036	**			A
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : South Outer Barrier</i>								
<i>Explanation : Misaligned Tops</i>								
Median								
Concrete	100%			LIFE	**	5	\$7,700	A
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Where End Diagonals Meet Median</i>								
Mono Deck Surface								
Concrete	100%			2043	**	5	\$150,400	C
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$18,700	A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
Sidewalks								
Concrete	100%			2028	**	5	\$29,400	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random On North Side</i>								
Wearing Surface								
Concrete	100%	4+	\$56,300	2032	**	5	\$82,600	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Scaling Of Wearing Surface</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							D
Joints								
Generic	100%	4+	\$1,100	LIFE	**			C
<i>Misaligned/Bulging, Extent : Light, Area Affected : 20%</i>								
<i>Location : Joint Filler In Road And Sidewalk Over Pier</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**  
**AMTRAK BRIDGE LEGGETT AVE/AMTRAK**  
**Asset # : 2480**

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								
Primary Member								
Steel	5%	4+	\$6,514,500	LIFE	* *	2-8	\$523,200	A
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Base Of End Diagonal Of Southwest Truss</i>								
Steel	95%			LIFE	* *	2-8	\$523,200	A
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Did Not Access Underside Of Truss/deck</i>								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$438,300	B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Impact Damage To Top Lateral Cross Frames</i>								
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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE  
**Address** : OVER LIRR - BAY RIDGE LINE ALBANY AVE. & E39TH STREET  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0156.000 / 13519 **Yr Built/Renovated** :  
**Area Sq Ft** : 35,100 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 08-Jan-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243530

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$523,900	\$4,741,400
<b>Total</b>	<b>\$523,900</b>	<b>\$4,741,400</b>
Priority A	\$472,500	\$386,000
Priority C	\$51,400	\$4,355,300
<b>Total</b>	<b>\$523,900</b>	<b>\$4,741,400</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$56,000	\$6,200	\$35,800	
<b>Total</b>	<b>\$56,000</b>	<b>\$6,200</b>	<b>\$35,800</b>	
Priority A		\$200	\$35,800	
Priority B	\$11,500			
Priority C	\$44,500	\$6,000		
<b>Total</b>	<b>\$56,000</b>	<b>\$6,200</b>	<b>\$35,800</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**  
**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	Priority Code
Abutments								
Bridge Seat&pedestals Not Accessible	100%							D
Backwall Concrete	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fascia</i>								
<i>Explanation : Only Fascia Area Was Accessible</i>								
Brngs,Ancr Blts,Pads Not Accessible	100%							D
Footings Not Accessible	100%							D
Joint with Deck Generic	5%	4+	\$11,500	LIFE	**			B
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Both Abutments</i>								
Generic	95%			LIFE	**			B
Mat (scour & erosion) Earth	100%			LIFE	**			B
Pedestals Concrete	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fascia</i>								
<i>Explanation : Only Fascia Area Was Accessible</i>								
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	7%	2-4	\$30,500	2025	\$304,900	4	\$12,100	C
<i>Cracks, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Both Approaches</i>								
Asphalt	93%			2025	\$4,050,500	4	\$18,100	C
Concrete	100%	2-4	\$51,400	2033	**	4	\$175,600	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Both Approaches</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Approaches</i>								
<i>Explanation : 50 Percent Concrete And 50 Percent Asphalt</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**  
**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	
Approaches								
Curbs								
Concrete w/ Steel Face	100%	2-4	\$46,300	LIFE	**			A
<i>Settlement, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Both Approaches</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North And South Sides</i>								
Embankment								
Earth	100%			LIFE	**			C
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%	4+	\$11,200	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
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	\$14,200	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fascia</i>								
<i>Explanation : Only Fascia Area Was Accessible</i>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fascia</i>								
<i>Explanation : Only Fascia Area Was Accessible</i>								
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%			2033	**	4	\$600	A
Steel	100%			LIFE	**	2-8	\$9,100	A
Sidewalks								
Concrete	100%	4+	\$2,800	2029	**	5	\$800	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations 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**  
**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%	0-2	\$426,200	LIFE	* *	5	\$38,600	A
			<i>Cracks, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<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	\$648,900	A
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Fascia</i>					
			<i>Explanation : Only Fascia Area Was Accessible</i>					
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE  
**Address** : BATTERY PLACE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0082.000 / 2511 **Yr Built/Renovated** : 1954 /  
**Area Sq Ft** : 69,993 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 20-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2232000

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$42,856,700	\$11,786,300
<b>Total</b>	<b>\$42,856,700</b>	<b>\$11,786,300</b>
Priority A	\$14,440,200	\$770,400
Priority B	\$39,900	
Priority C	\$28,376,600	\$11,015,900
<b>Total</b>	<b>\$42,856,700</b>	<b>\$11,786,300</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$117,200		\$5,500	
<b>Total</b>	<b>\$117,200</b>		<b>\$5,500</b>	
Priority A	\$83,600		\$5,500	
Priority C	\$33,700			
<b>Total</b>	<b>\$117,200</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**  
**BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE**

**Asset # : 2511**

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	
<b>Abutments</b>								
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+	\$13,615,300	LIFE	**			A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 85%</i>								
<i>Location : Random</i>								
<b>Wingwalls</b>								
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+	\$27,774,000	LIFE	**			C
<i>Broken/Missing Element, Extent : Severe, Area Affected : 45%</i>								
<i>Location : Random</i>								
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : End Of Left Wingwall</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : End Left Wingwall</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<b>Approaches</b>								
Pavement								
Asphalt	90%			2024	\$3,547,900	4	\$100,700	C
Asphalt	10%	4+	\$118,300	2024	\$394,200	4	\$67,100	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Sidewalks								
Concrete	95%			LIFE	**			C
Concrete	5%	4+	\$100	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Approach</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Approach</i>								
Piers								
Stem,Solid Pier								
Concrete	95%			LIFE	**			B
Concrete	5%	4+	\$39,900	LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Explanation : Broken/Missing Element</i>								
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
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Random</i>								
<i>Explanation : Battery Park (pavers, Grass, Asphalt Areas)</i>								
Steel Grating	100%			LIFE	**	4-8		A
Railings/Parapets								
Concrete	95%			2032	**	4	\$250,700	A
Concrete	5%	2-4	\$155,300	2032	**	4	\$167,100	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Collision Impact At North End</i>								
<i>Damaged Railing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Collision Impact At North End</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : North End</i>								
<i>Explanation : Cap Stone Is Separated From The Concrete Parapet Wall</i>								
Steel	100%	4+	\$87,900	LIFE	**	2-8	\$153,000	A
<i>Damaged Railing, Extent : Light, Area Affected : 2%</i>								
<i>Location : North End</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  
BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE**

**Asset # : 2511**

<b>Bridge Structure</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>Deck Elements</b>								
Sidewalks								
Concrete	100%			2028	**	5	\$108,000	C
Granite Paver	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Fascia</i>								
<i>Explanation : Pavers At North Fascia</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	90%			2024	\$5,774,100	5	\$604,200	C
Asphalt	10%	4+	\$128,300	2024	\$641,600	5	\$302,100	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<hr/>								
<b>Superstructure</b>								
Primary Member								
Concrete	90%			LIFE	**	5	\$360,100	A
Concrete	10%	4+	\$581,600	LIFE	**	5	\$360,100	A
<i>Broken/Missing Element, Extent : Light, Area Affected : 10%</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY  
**Address** : PARKSIDE AVE,OCEAN-FLATBUSH  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0064.000 / 2489 **Yr Built/Renovated** : 1916 /  
**Area Sq Ft** : 48,720 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 20-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2243020

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$4,240,200	\$577,300
<b>Total</b>	<b>\$4,240,200</b>	<b>\$577,300</b>
Priority A	\$2,960,500	\$501,300
Priority B	\$1,157,300	
Priority C	\$122,300	\$76,100
<b>Total</b>	<b>\$4,240,200</b>	<b>\$577,300</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$103,800			
<b>Total</b>	<b>\$103,800</b>			
Priority B	\$33,900			
Priority C	\$70,000			
<b>Total</b>	<b>\$103,800</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**  
**BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY**

**Asset # : 2489**

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	Priority Code
Abutments								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			B
Stem (breastwall)								
Concrete	15%	4+	\$101,100	LIFE	**			B
	<i>Efflorescence, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Concrete	85%			LIFE	**			B
Tile	100%	4+	\$33,900	LIFE	**			B
	<i>Broken/Missing Element, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Rust Stains, Extent : Light, Area Affected : 2%</i>							
	<i>Location : At Vertical Joints</i>							
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Ceramic Tiles Obscure View Of Structural Wall</i>							
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+	\$76,200	2026	**	4	\$12,400	C
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Both Approaches</i>							
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Beginning Approach</i>							
	<i>Explanation : Rutting, Uneven Pavement</i>							
Concrete	100%	4+	\$46,100	2034	**	4	\$92,500	C
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations 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**  
**BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY**

**Asset # : 2489**

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	
<b>Approaches</b>								
<b>Curbs</b>								
Concrete	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Approach Curbs Are 50 Percent Concrete And 50 Percent Concrete With Steel Face</i>								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Approach Curbs Are 50 Percent Concrete With Steel Face And 50 Percent Concrete</i>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$16,500	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Piers</b>								
<b>Pier,Columns</b>								
Concrete	20%			LIFE	**			B
Concrete	80%	0-2	\$168,900	LIFE	**			B
<i>Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout The Coney Island Bound Side</i>								
<i>Spalling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout The Coney Island Bound Side</i>								
<b>Stem,Solid Pier</b>								
Concrete	60%			LIFE	**			B
Concrete	40%	2-4	\$887,400	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Delaminations, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<b>Footings</b>								
Not Accessible	100%							D
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			A
<b>Deck Elements</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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete	100%			2045	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Deck Elements Curbs Are 50 Percent Concrete And 50 Percent Concrete With Steel Face</i>								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Rust Stains, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Deck Elements Curbs Are 50 Percent Concrete With Steel Face And 50 Percent Concrete</i>								
Gratings								
Steel	100%			LIFE	**			A
Sidewalks								
Asphalt	100%	4+	\$7,600	2023	\$76,100	4	\$17,900	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Plaza Entrance To Station Building</i>								
Concrete	60%			2030	**	5	\$4,800	C
Concrete	40%	4+	\$11,400	2030	**	5	\$2,400	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wearing Surface								
Asphalt	100%	4+	\$34,400	2026	**	5	\$31,100	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Inside Station Building</i>								
<i>Explanation : Floor Of Station Building Is Tiled</i>								
Superstructure								
Primary Member								
Concrete	40%	4+	\$740,100	LIFE	**	5	\$250,600	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Delaminations, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Concrete	60%	2-4	\$2,220,400	LIFE	**	5	\$250,600	A
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 10%</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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : **BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N**  
 Address : **OVER BRONX RIVER PARKWAY**  
 Borough : **BRONX** Agency's Number : **N/A**  
 Program / Asset # : **DOT0152.000 / 13515** Yr Built/Renovated : **1907 /**  
 Area Sq Ft : **24,591** Project Type : **HIGHWAY BRIDGES**  
 Date of Survey : **19-Dec-2012** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : Lot : BIN : **2229560**

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$1,107,000	\$1,029,100
<b>Total</b>	<b>\$1,107,000</b>	<b>\$1,029,100</b>
Priority A	\$905,800	\$281,100
Priority C	\$201,200	\$748,000
<b>Total</b>	<b>\$1,107,000</b>	<b>\$1,029,100</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$87,800	\$600	\$24,800	
<b>Total</b>	<b>\$87,800</b>	<b>\$600</b>	<b>\$24,800</b>	
Priority A	\$33,000	\$600	\$24,800	
Priority B	\$13,200			
Priority C	\$41,600			
<b>Total</b>	<b>\$87,800</b>	<b>\$600</b>	<b>\$24,800</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**  
**BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N**  
**Asset # : 13515**

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	Priority Code
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							D
Backwall								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Underside Of Bridge</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman</i>								
Footings								
Not Accessible	100%							D
Joint with Deck								
Steel	100%			LIFE	**			B
Mat (scour & erosion)								
Earth	100%			LIFE	**			B
Stem (breastwall)								
Concrete	10%	4+	\$13,200	LIFE	**			B
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Concrete	90%			LIFE	**			B
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+	\$136,700	2025	\$683,500	4	\$14,900	C
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : At East Approach</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total Pavement Area Consists Of 50 Percent Asphalt And 50 Percent Concrete</i>								
Concrete	100%	4+	\$21,300	2033	**	4	\$57,000	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Both Approaches</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Both Approaches</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**  
**BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N**  
**Asset # : 13515**

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		
Approaches									
Curbs									
Concrete w/ Steel Face	100%	4+	\$3,500	LIFE		**		A	
<i>Spalling, Extent : Light, Area Affected : 5%</i>									
<i>Location : Random Locations</i>									
Embankment									
Earth	100%			LIFE		**		C	
Guide Railing									
Concrete	100%	2-4	\$3,200	2033		**	4	\$1,100	A
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Random Locations</i>									
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : West Approach South Side</i>									
<i>Explanation : Total Guide Railing Consists Of 20 Percent Concrete, 30 Percent Steel And 50 Percent Timber</i>									
Steel	100%			LIFE		**	2-8	\$1,700	A
Timber	100%	4+	\$7,500	2025	\$37,700		4	\$1,600	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>									
<i>Location : Random Throughout Timber Rail</i>									
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : West Approach South End</i>									
<i>Explanation : Timber Railing</i>									
Mat (scour & erosion)									
Earth	100%			LIFE		**		A	
Sidewalks									
Concrete	100%	4+	\$9,600	LIFE		**		C	
<i>Cracks, Extent : Light, Area Affected : 2%</i>									
<i>Location : Random Locations</i>									
<i>Spalling, Extent : Light, Area Affected : 2%</i>									
<i>Location : Random Locations</i>									
Piers									
Cap Beam									
Not Accessible	100%							D	
Stem,Solid Pier									
Not Accessible	100%							D	
Brngs,Ancr Blts,Pads									
Not Accessible	100%							D	
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%			LIFE		**		A	
Pedestals									
Not Accessible	100%							D	
Piles									
Not Accessible	100%							D	
Deck Elements									

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

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete	100%			2044	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Side Curb</i>								
<i>Explanation : North Side Curb Is Concrete With Steel Face And Concrete Roadway Barrier At South Side.</i>								
Guide Railing								
Concrete	100%	4+	\$8,200	2037	**			A
<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>								
<i>Location : South Face Of Concrete Barrier</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Face Of Concrete Barrier</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Along The South Side Of The Bridge</i>								
<i>Explanation : Concrete Guide Rail With Steel Fencing</i>								
Railings/Parapets								
Concrete	100%			2033	**	4	\$1,700	A
Steel	100%	4+	\$10,700	LIFE	**	2-8	\$9,500	A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Exterior Surface</i>								
<i>Loss of Section, Extent : Light, Area Affected : 2%</i>								
<i>Location : Exterior Face</i>								
Sidewalks								
Concrete	100%	4+	\$10,700	2029	**	5	\$6,000	C
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : South Sidewalk</i>								
<i>Explanation : Sidewalk Is Partially Fenced Out For Construction</i>								
Wearing Surface								
Concrete	100%			2033	**	5	\$129,100	C
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Primary Member								
Steel	100%	4+	\$905,800	LIFE	**	2-8	\$454,600	A
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Fascia Girder On Bottom Flange</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : **BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST**  
 Address : **133RD - 135TH ST**  
 Borough : **BRONX** Agency's Number : **N/A**  
 Program / Asset # : **DOT0077.000 / 2508** Yr Built/Renovated : **1938 /**  
 Area Sq Ft : **32,900** Project Type : **HIGHWAY BRIDGES**  
 Date of Survey : **20-Jul-2011** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : Lot : BIN : **2266540**

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$1,962,700	\$1,399,900
<b>Total</b>	<b>\$1,962,700</b>	<b>\$1,399,900</b>
Priority A	\$1,491,300	\$238,200
Priority B	\$103,500	\$651,300
Priority C	\$367,900	\$510,500
<b>Total</b>	<b>\$1,962,700</b>	<b>\$1,399,900</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$26,900		\$66,400	
<b>Total</b>	<b>\$26,900</b>		<b>\$66,400</b>	
Priority A	\$7,600		\$700	
Priority B	\$2,900		\$65,300	
Priority C	\$16,500		\$400	
<b>Total</b>	<b>\$26,900</b>		<b>\$66,400</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**  
**BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST**  
**Asset # : 2508**

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	
<b>Abutments</b>								
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+	\$2,900	LIFE	* *			B
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Pothole At Northwest End Of Tunnel</i>					
Stem (breastwall)								
Brick	100%			LIFE	* *			B
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%	4+	\$8,200	LIFE	* *			C
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Small Random Potholes</i>					
Piles								
Not Accessible	100%							D
Walls								
Brick	100%			LIFE	* *			C
Concrete	100%	4+	\$367,900	LIFE	* *			C
			<i>Broken/Missing Element, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Joint Filler At Southwest Wingwall Joint</i>					
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Northwest Wingwall</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Southwest Wingwall</i>					
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random</i>					
			<i>Explanation : Minor Peeling Paint</i>					
<b>Approaches</b>								
Pavement								
Asphalt	100%			2024	\$178,400	4	\$4,800	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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
Guide Railing								
Concrete	100%			2032	**	4		A
Steel	100%	4+	\$4,600	LIFE	**	2-8	\$25,700	A
<i>Broken/Missing Element, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northern Approach</i>								
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<hr/>								
Pavement Base								
Not Accessible	100%							D
<hr/>								
Sidewalks								
Concrete	100%			LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Cracks</i>								
<hr/>								
<b>Piers</b>								
Cap Beam								
Concrete Encased Steel	100%			LIFE	**	5		A
<hr/>								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$937,500	B
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Span 1</i>								
<i>Explanation : Impact Damage</i>								
<hr/>								
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
<hr/>								
Footings								
Not Accessible	100%							D
<hr/>								
Mat (scour & erosion)								
Generic	100%			LIFE	**			A
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete	100%			2043	**			A
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Joints</i>								
<hr/>								
Gratings								
Steel	100%			LIFE	**			A
<hr/>								
Guide Railing								
Concrete	100%			2036	**			A
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Peeling Paint</i>								
<hr/>								
Steel	100%	4+	\$1,900	LIFE	**			A
<i>Broken/Missing Element, Extent : Light, Area Affected : 5%</i>								
<i>Location : Broken Support At Southwest Side</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**  
**BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST**  
**Asset # : 2508**

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	
Deck Elements								
Railings/Parapets Concrete	100%			2032	**	4	\$3,200	A
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Explanation : Minor Scaling And Peeling Paint</i>								
Sidewalks								
Concrete	100%			2028	**	5	\$800	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
Wearing Surface								
Asphalt	100%	4+	\$6,600	2024	\$332,100	5	\$17,100	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Transverse Cracks</i>								
Superstructure								
Deck,Structural								
Concrete	40%			LIFE	**	5	\$36,200	A
Concrete	60%	2-4	\$954,200	LIFE	**	5	\$36,200	A
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : On Underside Of Deck</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : On Underside Of Deck</i>								
Joints								
Not Accessible	100%							D
Primary Member								
Concrete Encased Steel	100%	4+	\$537,200	LIFE	**	5	\$165,800	A
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : Random</i>								
<i>Explanation : Peeling Paint</i>								
Secondary Member								
Steel	100%	4+	\$103,500	LIFE	**	2-8	\$509,500	B
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Explanation : Paint Peeling</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : CONEY ISLAND AVE. BRIDGE  
**Address** : CONEY ISLAND AVE.  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0169.000 / 13577 **Yr Built/Renovated** :  
**Area Sq Ft** : 20,600 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 18-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231380

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$668,000	\$501,800
<b>Total</b>	<b>\$668,000</b>	<b>\$501,800</b>
Priority A	\$257,900	\$257,900
Priority B	\$203,900	\$203,900
Priority C	\$206,200	\$40,000
<b>Total</b>	<b>\$668,000</b>	<b>\$501,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$264,500		\$95,600	
<b>Total</b>	<b>\$264,500</b>		<b>\$95,600</b>	
Priority A	\$167,500		\$53,800	
Priority B	\$68,700		\$20,400	
Priority C	\$28,300		\$21,300	
<b>Total</b>	<b>\$264,500</b>		<b>\$95,600</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**  
**CONEY ISLAND AVE. BRIDGE**  
**Asset # : 13577**

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 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+	\$21,100	LIFE	**			B
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 15%</i>					
			<i>Location : North Abutment</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Concrete Headers</i>					
Mat (scour & erosion) Earth	100%			LIFE	**			B
Pedestals Concrete	100%			LIFE	**			A
Stem (breastwall) Concrete	15%	4+	\$10,500	LIFE	**			B
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both Abutments</i>					
Concrete	85%			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	5%	4+	\$44,700	LIFE	**			C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	95%			LIFE	**			C
Masonry: Stone	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**  
**CONEY ISLAND AVE. BRIDGE**  
**Asset # : 13577**

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	
Approaches								
Pavement								
Asphalt	70%	4+	\$36,600	2026	**	4	\$42,700	C
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Asphalt	30%			2026	**	4	\$42,700	C
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Embankment								
Earth	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Southwest Approach</i>								
<i>Explanation : Earth Embankment</i>								
Guide Railing								
Concrete	100%			2034	**	4	\$43,400	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both East And West Parapets</i>								
<i>Explanation : Steel Fence On Top Of Concrete Parapet</i>								
Steel	100%			LIFE	**	2-8	\$70,500	A
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Median								
Concrete	100%	4+	\$8,300	LIFE	**			A
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Approach</i>								
Sidewalks								
Concrete	100%	4+	\$66,200	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northwest Approach</i>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$208,800	A
Pier,Columns								
Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Concrete Pier Columns</i>								
<i>Explanation : Stone Facing</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$2,300	A
<i>Other Observation, Extent : Light, Area Affected : 33%</i>								
<i>Location : Piers 1, 2 and 3</i>								
<i>Explanation : Steel Bearing Assembly ( Fixed Brg.) At Pier 2. Elastomeric Bearings ( Expansion Bearing) At Piers 1 And 3.</i>								
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**  
**CONEY ISLAND AVE. BRIDGE**  
**Asset # : 13577**

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	Priority Code
Piers								
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	100%			LIFE	**	5	\$6,700	A
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Mono Deck Surface								
Concrete	100%			2051	**	5		C
Railings/Parapets								
Concrete	100%			2034	**	4	\$9,200	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Parapets</i>								
<i>Explanation : Concrete Parapet With Steel Fence On Top</i>								
Steel	100%			LIFE	**	2-8	\$20,600	A
Sidewalks								
Concrete	100%	4+	\$28,300	2030	**	5	\$4,800	C
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$58,800	2034	**	5	\$40,000	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Near Cold Joints At Piers</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$45,300	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout At Underside Of Stay-In-Place Decks</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Except Underdeck Bay Along Centerline Of Bridge</i>								
<i>Explanation : Underdeck Steel Deck Form</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$652,700	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$560,000	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS  
 Address : MELROSE-WEBSTER,E163 TO 165 ST  
 Borough : BRONX Agency's Number : N/A  
 Program / Asset # : DOT0054.000 / 2661 Yr Built/Renovated : 1897 /  
 Area Sq Ft : 37,481 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 07-Nov-2013 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2241110

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$936,500	\$850,900
<b>Total</b>	<b>\$936,500</b>	<b>\$850,900</b>
Priority A	\$412,200	\$412,200
Priority B	\$441,600	\$371,000
Priority C	\$82,700	\$67,700
<b>Total</b>	<b>\$936,500</b>	<b>\$850,900</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$283,100		\$75,300	
<b>Total</b>	<b>\$283,100</b>		<b>\$75,300</b>	
Priority A	\$172,200		\$38,100	
Priority B	\$84,100		\$37,200	
Priority C	\$26,800			
<b>Total</b>	<b>\$283,100</b>		<b>\$75,300</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**  
**CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS**

**Asset # : 2661**

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 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+	\$70,600	LIFE	**			B
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
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+	\$26,800	2026	**	4	\$18,800	C
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Pavement Patching</i>					
Curbs Concrete w/ Steel Face	100%	4+	\$4,100	LIFE	**			A
			<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
Sidewalks Concrete	100%			LIFE	**			C
Piers								
Cap Beam Concrete	100%			LIFE	**			A
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations 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**  
**CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS**

**Asset # : 2661**

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								
Pier,Columns Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Water Stains</i>								
Stem,Solid Pier Masonry	100%	4+	\$16,500	LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Efflorescence Staining</i>								
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$17,200	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%	4+	\$10,800	LIFE	**			A
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets Concrete	100%	4+	\$19,300	2034	**	4	\$8,600	A
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Steel	100%			LIFE	**	2-8	\$19,100	A
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Sidewalks Concrete	100%	4+	\$36,500	2030	**	5	\$13,200	C
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Left Side- Span 1</i>								
Wearing Surface Asphalt	100%			2026	**	5		C
Concrete	100%	4+	\$46,200	2034	**	5	\$67,700	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations 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**  
**CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS**

**Asset # : 2661**

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	
Deck Elements								
Scupper								
Cast Iron	100%			LIFE	* *			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Along The Curbs</i>								
<i>Explanation : Total Of 8 Scuppers</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$82,500	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stay In Place Forms - Good Condition</i>								
Joints								
Steel	100%			LIFE	* *			C
Primary Member								
Steel	100%			LIFE	* *	2-8	\$1,187,600	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$1,019,000	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : CROSS BAY BLVD. BRIDGE CONDUIT BLVD  
**Address** : CROSS BAY BLVD.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0160.000 / 13568 **Yr Built/Renovated** :  
**Area Sq Ft** : 17,000 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 11-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2248039

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$336,500	\$336,500
<b>Total</b>	<b>\$336,500</b>	<b>\$336,500</b>
Priority A	\$168,300	\$168,300
Priority B	\$168,300	\$168,300
<b>Total</b>	<b>\$336,500</b>	<b>\$336,500</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$166,800		\$60,400	
<b>Total</b>	<b>\$166,800</b>		<b>\$60,400</b>	
Priority A	\$113,500		\$17,200	
Priority B	\$48,000		\$16,900	
Priority C	\$5,300		\$26,300	
<b>Total</b>	<b>\$166,800</b>		<b>\$60,400</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**  
**CROSS BAY BLVD. BRIDGE CONDUIT BLVD**  
**Asset # : 13568**

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 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%	4+	\$17,400	LIFE	**			B
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 5%</i>					
			<i>Location : North Joint</i>					
Mat (scour & erosion) Earth	100%			LIFE	**			B
Pedestals Concrete	100%			LIFE	**			A
Stem (breastwall) Not Accessible	100%							D
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	**			C
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Adjacent To All Wingwalls</i>					
			<i>Explanation : Minor Vegetation Growth</i>					
Piles Not Accessible	100%							D
Walls Granite	100%			LIFE	**			C
Approaches								
Pavement Asphalt	100%			2026	**	4	\$21,200	C
Concrete	100%			2034	**	4	\$31,500	C
Curbs Concrete w/ Steel Face	100%			LIFE	**			A
			<i>Corrosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment Earth	100%			LIFE	**			C
Guide Railing Steel	100%	4+	\$21,300	LIFE	**	2-8	\$5,900	A
			<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Northeast And Southeast</i>					
			<i>Explanation : Guide Rail Has Vehicular Impact Damage</i>					
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  
CROSS BAY BLVD. BRIDGE CONDUIT BLVD**

**Asset # : 13568**

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	
Approaches								
Sidewalks								
Concrete	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks In Concrete Deck, Sidewalk Propagated Through Fascias Parapets</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
Pier,Columns								
Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Fascia Columns</i>								
<i>Explanation : Fascia Columns Are Concrete With Cut Stone Masonry Facing ( Veneer)</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$6,900	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	100%			LIFE	**			B
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Median								
Concrete	100%			LIFE	**	5	\$2,800	A
Mono Deck Surface								
Concrete	100%			2045	**	5		C
Railings/Parapets								
Concrete	100%	4+	\$13,200	2034	**	4	\$7,800	A
<i>Spalling, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Both Fascias At Northeast And Northwest Abutment</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Parapets</i>								
<i>Explanation : Vertical Face Concrete Parapet With Steel Chainlink Protective Screening Mounted On Top Of Parapet</i>								
Sidewalks								
Concrete	100%	4+	\$5,300	2030	**	5	\$2,600	C
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : East And West Sidewalks Through Fascias</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  
CROSS BAY BLVD. BRIDGE CONDUIT BLVD**

**Asset # : 13568**

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	
Deck Elements								
Wearing Surface Concrete	100%			2034	* *	5		C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout Entire Deck</i>								
Superstructure								
Deck,Structural Concrete	100%			LIFE	* *	5	\$37,400	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entire Deck</i>								
<i>Explanation : Concrete Deck With Stay - In - Place Metal Forms</i>								
Primary Member Steel	100%			LIFE	* *	2-8	\$538,700	A
Secondary Member Steel	100%			LIFE	* *	2-8	\$462,200	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY  
**Address** : OVER BELT SHORE PARKWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0153.000 / 13516 **Yr Built/Renovated** :  
**Area Sq Ft** : 23,205 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 08-Jan-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2231559

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$497,200	\$6,348,100
<b>Total</b>	<b>\$497,200</b>	<b>\$6,348,100</b>
Priority A	\$322,100	\$459,400
Priority B	\$106,800	\$229,700
Priority C	\$68,200	\$5,659,100
<b>Total</b>	<b>\$497,200</b>	<b>\$6,348,100</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$120,000	\$65,600	\$71,600	
<b>Total</b>	<b>\$120,000</b>	<b>\$65,600</b>	<b>\$71,600</b>	
Priority A	\$35,000		\$48,600	
Priority B	\$33,800		\$23,000	
Priority C	\$51,200	\$65,600		
<b>Total</b>	<b>\$120,000</b>	<b>\$65,600</b>	<b>\$71,600</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**  
**CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY**  
**Asset # : 13516**

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 Concrete	100%	4+	\$49,600	LIFE		* *		A
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Abutment West Side</i>								
Backwall Not Accessible	100%							D
Brngs,Ancr Blts,Pads Steel	100%			LIFE		* *		A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%	4+	\$30,500	LIFE		* *		B
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Both Abutments</i>								
Mat (scour & erosion) Earth	100%			LIFE		* *		B
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Both Abutments</i>								
<i>Explanation : Earth On Side And Pave Stone On A Slope Underneath Abutment</i>								
Pedestals Concrete	100%	4+	\$3,100	LIFE		* *		A
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Abutment West Side</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Abutment West Side</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Abutment West Side</i>								
Stem (breastwall) Concrete	100%	4+	\$66,200	LIFE		* *		B
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Abutment West Side</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : End Abutment</i>								
<i>Explanation : Exposed Rebars</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : End Abutment</i>								
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**  
**CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY**  
**Asset # : 13516**

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									
Masonry: Stone	100%	4+	\$8,400	LIFE		**		C	
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Random Locations Throughout</i>									
<i>Explanation : Missing Pointing And Efflorescence, Deteriorated Mortar</i>									
Approaches									
Pavement									
Asphalt	100%			2025	\$5,590,900	4	\$196,900	C	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : On Surface</i>									
<i>Explanation : Pavement Area Consists Of 80 Percent Asphalt And 20 Percent Concrete</i>									
Concrete	100%	4+	\$12,200	2033		**	\$35,200	C	
<i>Cracks, Extent : Light, Area Affected : 5%</i>									
<i>Location : Random Locations Throughout</i>									
<i>Spalling, Extent : Light, Area Affected : 5%</i>									
<i>Location : Random Locations Throughout</i>									
Curbs									
Concrete w/ Steel Face	100%	4+	\$53,400	LIFE		**		A	
<i>Settlement, Extent : Moderate, Area Affected : 40%</i>									
<i>Location : Both Approaches</i>									
Embankment									
Earth	100%			LIFE		**		C	
Guide Railing									
Steel	100%			LIFE		**	2-8	\$57,700	A
Mat (scour & erosion)									
Earth	100%			LIFE		**		A	
Sidewalks									
Concrete	100%	4+	\$15,000	LIFE		**		C	
<i>Cracks, Extent : Light, Area Affected : 1%</i>									
<i>Location : Isolated Location</i>									
<i>Settlement, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Both Approaches</i>									
Piers									
Pier, Columns									
Concrete	100%	4+	\$40,600	LIFE		**		B	
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>									
<i>Location : Random Locations Throughout</i>									
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : At Pier</i>									
<i>Explanation : Pier Column Is 65 Percent Concrete And 35 Percent Stone Masonry</i>									
Masonry	100%	4+	\$3,300	LIFE		**		B	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : At Piers, Scattered Throughout</i>									
<i>Explanation : Loose Elements And Vegetation Growth</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**  
**CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY**  
**Asset # : 13516**

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	Priority Code
Piers								
Stem,Solid Pier Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Pier</i>								
<i>Explanation : Barrier Wall As Stem Solid Pier</i>								
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$16,500	A
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Pier</i>								
<i>Explanation : Paved Roadway</i>								
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$2,100	LIFE	**			A
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Median								
Concrete	100%	4+	\$79,400	LIFE	**	5	\$27,900	A
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Near End Approach</i>								
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Near End Approach</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Near End Approach</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Island Median</i>								
Railings/Parapets Steel	100%			LIFE	**	2-8	\$7,500	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Railing And Fence</i>								
Sidewalks Concrete	100%	4+	\$6,000	2029	**	5	\$3,600	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Isolated Locations</i>								
Wearing Surface Concrete	100%			2033	**	5	\$136,400	C
Scupper Ductile Iron	100%			LIFE	**			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**  
**CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY**  
**Asset # : 13516**

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+	\$139,900	LIFE	* *	5	\$25,500	A
	<i>Cracks, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Stay In Place Forms Used Under Deck</i>							
Joints								
Generic	100%	4+	\$9,700	LIFE	* *			C
	<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Primary Member								
Steel	2%	4+	\$29,800	LIFE	* *	2-8	\$429,000	A
	<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Bird Nesting</i>							
Steel	98%			LIFE	* *	2-8	\$429,000	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$359,400	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV  
**Address** : METRO NORTH  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0008.000 / 2443 **Yr Built/Renovated** : 1983 /  
**Area Sq Ft** : 30,192 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2076640

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$921,700	\$1,310,200
<b>Total</b>	<b>\$921,700</b>	<b>\$1,310,200</b>
Priority A	\$106,800	\$296,900
Priority B	\$629,300	\$597,700
Priority C	\$185,500	\$415,600
<b>Total</b>	<b>\$921,700</b>	<b>\$1,310,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$116,600	\$8,000	\$92,500	
<b>Total</b>	<b>\$116,600</b>	<b>\$8,000</b>	<b>\$92,500</b>	
Priority A	\$19,200	\$8,000	\$31,000	
Priority B	\$23,500		\$61,500	
Priority C	\$74,000			
<b>Total</b>	<b>\$116,600</b>	<b>\$8,000</b>	<b>\$92,500</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**  
**DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV**  
**Asset # : 2443**

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)	
<b>Abutments</b>							
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
<b>Wingwalls</b>							
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Generic	100%			LIFE	* *		C
Piles							
Not Accessible	100%						D
Walls							
Cast Iron	100%			LIFE	* *		C
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>				
			<i>Location : South Abutment</i>				
			<i>Explanation : Steel Sheeting</i>				
Concrete	100%			LIFE	* *		C
<b>Stream Channel</b>							
Bank Protection							
Riprap	100%	Now	\$120,700	LIFE	* *		C
			<i>Broken/Missing Element, Extent : Moderate, Area Affected : 60%</i>				
			<i>Location : Along West Fascia - Harlem River</i>				
			<i>Erosion, Extent : Moderate, Area Affected : 40%</i>				
			<i>Location : Along Bank Of Harlem River</i>				
Pier Protection							
Steel	100%	0-2	\$422,900	LIFE	* *		B
			<i>Other Observation, Extent : Severe, Area Affected : 20%</i>				
			<i>Location : Piers Located Along Bank Of Harlem River</i>				
			<i>Explanation : Corrosion/ Section Loss On Steel Fender System</i>				
<b>Approaches</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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	100%	2-4	\$28,600	2022	\$286,000	4	\$3,900	C
<i>Cracks, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : More Severe At South Approach</i>								
Concrete	100%	4+	\$13,400	2033	**	4	\$14,900	C
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Both Approaches</i>								
<b>Curbs</b>								
Concrete	5%	4+	\$3,900	LIFE	**			A
<i>Broken/Missing Element, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : More Severe At South Approach</i>								
Concrete	95%			LIFE	**			A
Granite	100%			LIFE	**			A
<b>Embankment</b>								
Generic	100%			LIFE	**			C
<b>Guide Railing</b>								
Steel	100%	0-2	\$13,900	LIFE	**	2-8	\$5,800	A
<i>Damaged Railing, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Approach East Side</i>								
<b>Mat (scour &amp; erosion)</b>								
Earth	80%			LIFE	**			A
Earth	20%	Now	\$1,400	LIFE	**			A
<i>Erosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Approach Along Bank Of Harlem River</i>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$14,200	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Approach East Side</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Approach East Side</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Approach East Side</i>								
<b>Piers</b>								
<b>Cap Beam</b>								
Concrete	100%			LIFE	**			A
<b>Pier,Columns</b>								
Steel	100%			LIFE	**	2-8	\$45,600	B
<b>Stem,Solid Pier</b>								
Concrete	100%	4+	\$206,500	LIFE	**			B
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Brngs,Ancr Blts,Pads</b>								
Steel	100%	4+	\$106,800	LIFE	**	2-8	\$16,000	A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Under Leaky Deck Joints</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**  
**DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV**  
**Asset # : 2443**

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								
Footings								
Not Accessible	100%							D
Pedestals								
Concrete	100%	4+	\$17,200	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Piers 5, 6 And 7</i>								
Deck Elements								
Curbs								
Granite	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%			2033	**	4	\$24,000	A
Steel	100%			LIFE	**	2-8	\$9,400	A
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations, Steel Railing On Top Of Concrete Parapet On Both Sides.</i>								
<i>Also Chainlink Fence On Both Sides In The Spans Over Tracks, Total Length Approximately 125 Feet.</i>								
Sidewalks								
Concrete	100%	4+	\$11,400	2029	**	5	\$4,100	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations</i>								
Wearing Surface								
Concrete	95%			2033	**	5	\$129,600	C
Concrete	5%	4+	\$2,200	2033	**	5	\$64,800	C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Spans 1 To 5</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Near South End</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$33,200	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 5 To 11</i>								
<i>Explanation : Stay In Place Forms At Underdeck</i>								
Joints								
Generic	100%	4+	\$4,200	LIFE	**			C
<i>Leakage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Near South Abutment</i>								
<i>Explanation : Consists Of 20 Percent Precast Box Beam Girders And 80 Percent Steel Girders</i>								
Steel	100%			LIFE	**	2-8	\$554,600	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**  
**DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV**

**Asset # : 2443**

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	5%	2-4	\$6,200	LIFE	* *	2-8	\$467,600	B
		<i>Corrosion, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Adjacent To Deck Joints</i>						
		<i>Loss of Section, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Adjacent To Deck Joints</i>						
Steel	95%			LIFE	* *	2-8	\$467,600	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : E. 12TH STREET BRIDGE  
**Address** : E. 12TH STREET  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0163.000 / 13571 **Yr Built/Renovated** :  
**Area Sq Ft** : 17,200 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 11-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231390

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$1,018,500	\$340,500
<b>Total</b>	<b>\$1,018,500</b>	<b>\$340,500</b>
Priority A	\$288,200	\$170,200
Priority B	\$239,700	\$170,200
Priority C	\$490,500	
<b>Total</b>	<b>\$1,018,500</b>	<b>\$340,500</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$263,300		\$35,700	\$34,600
<b>Total</b>	<b>\$263,300</b>		<b>\$35,700</b>	<b>\$34,600</b>
Priority A	\$144,800		\$18,700	
Priority B	\$76,900		\$17,100	
Priority C	\$41,500			\$34,600
<b>Total</b>	<b>\$263,300</b>		<b>\$35,700</b>	<b>\$34,600</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. 12TH STREET BRIDGE**  
**Asset # : 13571**

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								
Concrete	100%			LIFE	**			A
Backwall								
Concrete	100%			LIFE	**			C
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both Abutments</i>					
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**			A
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	4+	\$19,000	LIFE	**			B
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Concrete Headers</i>					
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Concrete Headers</i>					
Mat (scour & erosion)								
Earth	100%			LIFE	**			B
Pedestals								
Concrete	100%			LIFE	**			A
Stem (breastwall)								
Concrete	100%	4+	\$69,500	LIFE	**			B
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Both Abutments</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At South Abutment</i>					
Masonry	100%	4+	\$13,000	LIFE	**			B
			<i>Broken/Missing Element, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Northeast Corner</i>					
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**  
**E. 12TH STREET BRIDGE**  
**Asset # : 13571**

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	6%	4+	\$55,300	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Vertical And Horizontal Cracks At Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 30%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Moderate, Area Affected : 50%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>								
Concrete	94%			LIFE	**			C
Masonry: Stone	80%	4+	\$28,800	LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : All Wingwalls Except Northeast Wingwall</i> <i>Explanation : Efflorescence At Joints</i>								
Masonry: Stone	20%			LIFE	**			C
Approaches								
Pavement								
Asphalt	100%	4+	\$334,700	2026	**	4	\$54,600	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$71,700	LIFE	**			A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Steel	100%			LIFE	**	2-8	\$69,400	A
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Median								
Concrete	100%	4+	\$46,300	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 20%</i> <i>Location : At Concrete Curbs With Steel Face</i> <i>Explanation : Corrosion</i>								
Sidewalks								
Concrete	100%	4+	\$40,300	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations 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**  
**E. 12TH STREET BRIDGE**  
**Asset # : 13571**

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								
Pier,Columns Concrete	100%	2-4	\$13,900	LIFE	**			B
<i>Joints Missing, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Center Pier</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Piers</i>								
<i>Explanation : Outer Face Finished With Stone Masonry</i>								
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$2,300	A
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	**			A
Pedestals Concrete	100%			LIFE	**			B
Piles Not Accessible	100%							D
Deck Elements								
Curbs Concrete w/ Steel Face	100%	4+	\$22,700	LIFE	**			A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Median Concrete	100%	4+	\$12,400	LIFE	**	5	\$3,000	A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Concrete Curbs With Steel Face</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets Steel	100%			LIFE	**	2-8	\$18,600	A
Sidewalks Concrete	100%	4+	\$12,800	2030	**	5	\$2,200	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface Concrete	100%			2034	**	5	\$69,100	C
Superstructure								
Deck,Structural Concrete	100%			LIFE	**	5	\$37,900	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**  
**E. 12TH STREET BRIDGE**  
**Asset # : 13571**

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	80%	4+	\$48,100	LIFE	**			C
	<i>Broken/Missing Element, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : At Joint Rubber Seal</i>							
	<i>Spalling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At Concrete Headers</i>							
Generic	20%	0-2	\$12,000	LIFE	**			C
	<i>Broken/Missing Element, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : At Joint Rubber Seal</i>							
	<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At Rubber Seal</i>							
Primary Member								
Steel	100%			LIFE	**	2-8	\$545,000	A
	<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Paint Peeling With Minor Surface Corrosion</i>							
Secondary Member								
Steel	100%			LIFE	**	2-8	\$467,600	B
	<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Paint Peeling With Minor Surface 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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : E. 165TH ST. BRIDGE / METRO-NORTH RR  
**Address** : E. 165TH ST  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0166.000 / 13574 **Yr Built/Renovated** : 1897 /  
**Area Sq Ft** : 16,400 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 07-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2241630

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$548,800	
<b>Total</b>	<b>\$548,800</b>	
Priority A	\$39,700	
Priority C	\$509,000	
<b>Total</b>	<b>\$548,800</b>	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$24,000		\$5,300	
<b>Total</b>	<b>\$24,000</b>		<b>\$5,300</b>	
Priority A	\$3,500		\$5,300	
Priority C	\$20,500			
<b>Total</b>	<b>\$24,000</b>		<b>\$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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**E. 165TH ST. BRIDGE / METRO-NORTH RR**  
**Asset # : 13574**

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									
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									
Concrete	100%	4+	\$96,600	LIFE		* *		C	
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>									
<i>Location : Random Locations Throughout</i>									
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>									
<i>Location : End Abutment Wingwall</i>									
Masonry: Stone	100%			LIFE		* *		C	
Approaches									
Pavement									
Asphalt	100%	0-2	\$278,700	2026		* *	4	\$45,500	C
<i>Cracks, Extent : Moderate, Area Affected : 35%</i>									
<i>Location : Random Locations Throughout</i>									
<i>Spalling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Random Locations Throughout</i>									
Concrete	100%			2034		* *	4		C
Curbs									
Concrete w/ Steel Face	100%			LIFE		* *			A
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>									
<i>Location : Throughout</i>									
Median									
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**  
**E. 165TH ST. BRIDGE / METRO-NORTH RR**  
**Asset # : 13574**

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	
Approaches								
Sidewalks								
Concrete	100%	4+	\$14,300	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Stem,Solid Pier								
Masonry	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
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Median								
Concrete	100%	4+	\$3,500	LIFE	**	5	\$2,100	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2034	**	4	\$9,700	A
Steel	100%	4+	\$39,700	LIFE	**	2-8	\$13,300	A
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$6,200	2030	**	5	\$2,600	C
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%	2-4	\$133,800	2026	**	5	\$12,100	C
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Primary 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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**E. 165TH ST. BRIDGE / METRO-NORTH RR**  
**Asset # : 13574**

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	Priority Code
Superstructure								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR  
**Address** : EAST 144TH STREET  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0184.000 / 13718 **Yr Built/Renovated** : 1920 /  
**Area Sq Ft** : 8,290 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 26-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2241550

**CAPITAL**

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**Total**

Priority

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**Total**

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$47,400			
<b>Total</b>	<b>\$47,400</b>			
Priority B	\$11,700			
Priority C	\$35,700			
<b>Total</b>	<b>\$47,400</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**  
**EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR**  
**Asset # : 13718**

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	
<b>Abutments</b>								
Bridge Seat&pedestals								
Not Accessible	100%							D
Backwall								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	4+	\$11,700	LIFE		* *		B
<i>Loose Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Abutment</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Concrete	100%			LIFE		* *		B
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Of The Wall Is Not Accessible</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
Walls								
Masonry	100%	4+	\$4,200	LIFE		* *		C
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : West Side South Wingwall</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 75 Percent Masonry Stone - 25 Percent Concrete Cribbing</i>								
Masonry: Stone	100%	4+	\$13,500	LIFE		* *		C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Sides West Wingwalls And North Side East Wingwall</i>								
<i>Explanation : Loose/ Eroded Joints</i>								

**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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%	2-4	\$8,600	2025	\$28,700	4	\$800	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Approach</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Approaches</i>								
<i>Explanation : 50 Percent Asphalt And 50 Percent Concrete</i>								
Concrete	100%	4+	\$4,500	2033	**	4	\$3,100	C
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Embankment								
Earth	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Begin Right Side</i>								
<i>Explanation : Begin Right Wingwall Is Earth And Concrete Cribbing</i>								
Guide Railing								
Steel	100%			LIFE	**	2-8		A
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%			LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							D
Pier,Columns								
Not Accessible	100%							D
Stem,Solid Pier								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Deck Elements								

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Mono Deck Surface								
Concrete	100%			2044	**	5		C
Railings/Parapets								
Concrete	100%			2033	**	4		A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Chainlink Fence On Top Of Concrete Parapet</i>								
Sidewalks								
Concrete	100%	4+	\$4,900	2029	**	5	\$3,500	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : EAST 149TH STREET BRIDGE  
**Address** : EAST 149TH STREET / AMTRAK RAILS  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0179.000 / 13713 **Yr Built/Renovated** : 1907 / 1981  
**Area Sq Ft** : 12,575 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241129

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure		\$318,200
<b>Total</b>		<b>\$318,200</b>
Priority A		\$124,500
Priority B		\$124,500
Priority C		\$69,300
<b>Total</b>		<b>\$318,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$57,300		\$25,300	
<b>Total</b>	<b>\$57,300</b>		<b>\$25,300</b>	
Priority A	\$6,500		\$12,800	
Priority B			\$12,500	
Priority C	\$50,800			
<b>Total</b>	<b>\$57,300</b>		<b>\$25,300</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**  
**Asset # : 13713**

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	
<b>Abutments</b>								
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
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		**		C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE		**		C
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	100%	4+	\$6,900	2025	\$69,300	4	\$1,500	C
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Both Abutments</i>								
<i>Settlement, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout And Most Severe At North Abutment</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Abutments</i>								
<i>Explanation : Consists Of 50 Percent Asphalt And 50 Percent Concrete</i>								
Concrete	100%	2-4	\$10,800	2033	**	4	\$5,800	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Adjacent To Joints At West Abutment And Random Locations At South Abutment</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Embankment</b>								
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**  
**EAST 149TH STREET BRIDGE**  
**Asset # : 13713**

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	
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	75%	4+	\$2,600	LIFE	**			C
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations</i>					
Concrete	10%	4+	\$5,300	LIFE	**			C
			<i>Settlement, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Random Locations</i>					
Concrete	15%	0-2	\$7,900	LIFE	**			C
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : More Severe At North Approach West Side</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : East And West Sides</i>					
			<i>Explanation : Steel Fascia With Corrugated Steel Siding For Railroad Protection</i>					
Deck Elements								
Guide Railing								
Concrete	100%	4+	\$6,500	2037	**			A
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
Median								
Concrete	100%			LIFE	**	5	\$2,600	A
Mono Deck Surface								
Concrete	100%	4+	\$5,400	2044	**	5	\$33,400	C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$9,900	A
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Both Sides</i>					
			<i>Explanation : Steel Fascia With Steel Railing And Cladding On Top</i>					
Sidewalks								
Concrete	90%	4+	\$9,200	2029	**	5	\$5,800	C
			<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Adjacent To Concrete Barrier Wall</i>					
			<i>Explanation : Water Ponding</i>					
Concrete	10%	4+	\$2,600	2029	**	5	\$5,800	C
			<i>Cracks, Extent : Light, Area Affected : 80%</i>					
			<i>Location : Both Sides</i>					
Superstructure								
Deck, Structural								
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**  
**EAST 149TH STREET BRIDGE**  
**Asset # : 13713**

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								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$232,500	A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$194,700	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : EAST 149TH STREET/JACKSON AVE CONRAIL PORT MORRIS  
**Address** : JACKSON,MARYS,ANNS,150TH STS  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0053.000 / 2479 **Yr Built/Renovated** : 1905 /  
**Area Sq Ft** : 65,000 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 31-Oct-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2241050

**CAPITAL**

**Total**  
 Priority  
**Total**

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$77,100		\$13,500	
<b>Total</b>	<b>\$77,100</b>		<b>\$13,500</b>	
Priority A	\$14,700		\$2,100	
Priority C	\$62,400		\$11,400	
<b>Total</b>	<b>\$77,100</b>		<b>\$13,500</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**  
**EAST 149TH STREET/JACKSON AVE CONRAIL PORT MORRIS**

**Asset # : 2479**

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	
<b>Abutments</b>								
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
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	50%			2026	**	4	\$22,800	C
Asphalt	50%	4+	\$14,000	2026	**	4	\$22,800	C
<i>Broken,Missing Pave, Extent : Light, Area Affected : 2%</i>								
<i>Location : At East Approach</i>								
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Uneven Asphalt Surface</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$11,600	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Embankment</b>								
Generic	100%			LIFE	**			C
<b>Mat (scour &amp; erosion)</b>								
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**  
**EAST 149TH STREET/JACKSON AVE CONRAIL PORT MORRIS**

**Asset # : 2479**

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	
Approaches								
Sidewalks								
Concrete	100%	4+	\$23,300	LIFE		* *		C
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Joint Freezing, Extent : Light, Area Affected : 10%</i> <i>Location : Along North Sidewalk Joints</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$3,100	LIFE		* *		A
<i>Corrosion, Extent : Light, Area Affected : 25%</i> <i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2034		* *	4	\$4,200 A
<i>Other Observation, Extent : Light, Area Affected : 40%</i> <i>Location : North Side Of Deck</i> <i>Explanation : Concrete Parapet</i>								
Sidewalks								
Concrete	100%			2030		* *	5	\$9,000 C
Wearing Surface								
Concrete	100%	4+	\$25,100	2034		* *	5	\$17,100 C
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Along Both Sides Of Approach Joints</i> <i>Delaminations, Extent : Light, Area Affected : 5%</i> <i>Location : Along Both Sides Of Approach Joints</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Along Both Sides of Approach Joints</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : EAST 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST  
**Address** : GRAND CONCOURSE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0063.000 / 2488 **Yr Built/Renovated** : 1923 /  
**Area Sq Ft** : 35,917 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2242300

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$882,100	\$2,099,200
<b>Total</b>	<b>\$882,100</b>	<b>\$2,099,200</b>
Priority A	\$128,100	\$220,500
Priority B	\$754,000	\$682,300
Priority C		\$1,196,400
<b>Total</b>	<b>\$882,100</b>	<b>\$2,099,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$75,900		\$72,600	\$16,500
<b>Total</b>	<b>\$75,900</b>		<b>\$72,600</b>	<b>\$16,500</b>
Priority A	\$16,000		\$500	
Priority B	\$3,100		\$68,400	
Priority C	\$56,800		\$3,600	\$16,500
<b>Total</b>	<b>\$75,900</b>		<b>\$72,600</b>	<b>\$16,500</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**  
**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	
<b>Abutments</b>								
Backwall								
Concrete	100%			LIFE		* *		C
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%	4+	\$3,100	LIFE		* *		B
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Pothole At Eastern Exit Of Tunnel</i>								
Pedestals								
Steel	100%			LIFE		* *		A
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Minor Pitting At Base Of Pedestals At Sidewalk</i>								
Stem (breastwall)								
Concrete	100%	4+	\$136,200	LIFE		* *		B
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spalling At Interface With Pedestals, Water Infiltration At One Spall In South Abutment</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE		* *		C
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Peeling Paint</i>								
<b>Approaches</b>								
Pavement								
Asphalt	70%			2024	\$613,100	4	\$24,500	C
Asphalt	30%	4+	\$26,300	2024	\$262,700	4	\$16,300	C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Guide Railing								
Concrete	80%			2032	**	4	\$28,800	A
Concrete	20%	4+	\$6,400	2032	**	4	\$19,200	A
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : At Approaches Atop Wingwalls</i>								
Steel	100%			LIFE	**	2-8	\$19,600	A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	20%	4+	\$15,400	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Concrete	80%			LIFE	**			C
Piers								
Pier,Columns								
Steel	80%			LIFE	**	2-8	\$982,300	B
Steel	20%	4+	\$617,800	LIFE	**	2-8	\$982,300	B
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Pitting Throughout</i>								
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	\$16,900	A
Sidewalks								
Concrete	80%			2028	**	5	\$7,200	C
Concrete	20%	4+	\$3,800	2028	**	5	\$3,600	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random, Large Crack At Sidewalk Over Eastern End Of Tunnel</i>								
Wearing Surface								
Asphalt	90%			2024		5	\$33,000	C
Asphalt	10%	4+	\$3,200	2024		5	\$16,500	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Location</i>								
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+	\$128,100	LIFE	* *	5	\$39,500	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	\$181,000	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.

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

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

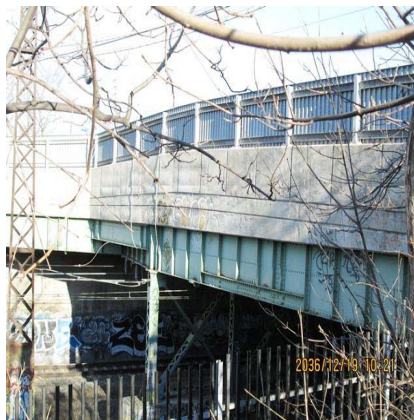
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK  
**Address** : OVER AMTRAK AT EAST TREMONT AVE / E. 180TH ST.  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0155.000 / 13518 Yr Built/Renovated : 1907 /  
**Area Sq Ft** : 22,300 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 19-Dec-2012 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2241270

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure		\$638,200
<b>Total</b>		<b>\$638,200</b>
Priority A		\$264,200
Priority B		\$39,300
Priority C		\$334,800
<b>Total</b>		<b>\$638,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$101,300	\$300	\$26,300	
<b>Total</b>	<b>\$101,300</b>	<b>\$300</b>	<b>\$26,300</b>	
Priority A	\$2,100	\$300	\$22,300	
Priority B	\$35,900		\$3,900	
Priority C	\$63,400			
<b>Total</b>	<b>\$101,300</b>	<b>\$300</b>	<b>\$26,300</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 TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK**  
**Asset # : 13518**

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)	
<b>Abutments</b>							
Bridge Seat&pedestals Concrete	100%			LIFE	* *		A
Backwall Not Accessible	100%						D
Brngs,Ancr Blts,Pads Not Accessible	100%						D
Footings Not Accessible	100%						D
Joint with Deck Generic	100%	4+	\$21,300	LIFE	* *		B
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 10%</i>				
			<i>Location : Both Approaches</i>				
Mat (scour & erosion) Earth	100%			LIFE	* *		B
Pedestals Concrete	100%			LIFE	* *		A
Stem (breastwall) Concrete	5%	4+	\$14,500	LIFE	* *		B
			<i>Cracks, Extent : Moderate, Area Affected : 40%</i>				
			<i>Location : Throughout</i>				
Concrete	95%			LIFE	* *		B
<b>Wingwalls</b>							
Footings Not Accessible	100%						D
Mat (scour & erosion) Earth	100%			LIFE	* *		C
Piles Not Accessible	100%						D
Walls Concrete	100%	4+	\$12,100	LIFE	* *		C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>				
			<i>Location : Throughout</i>				
Masonry	100%	4+	\$2,000	LIFE	* *		C
			<i>Joint Motar Miss/Erod, Extent : Light, Area Affected : 10%</i>				
			<i>Location : Throughout</i>				
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
			<i>Location : East Abutment North Wingwall</i>				
			<i>Explanation : One Wingwall Is Masonry And Lies Adjacent To Buildings; The Other Three Wingwalls Are Concrete.</i>				

**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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%	4+	\$5,200	2025	\$261,800	4	\$7,300	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout All Approaches</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Begin And End Approaches</i>								
<i>Explanation : Approach Pavement Is 15 Percent Concrete And 85 Percent Asphalt</i>								
Concrete	100%	4+	\$8,100	2033	**	4	\$11,100	C
<i>Cracks, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Joint Headers</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE	**			C
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%	4+	\$3,200	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Piers								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$113,200	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
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</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**  
**EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK**  
**Asset # : 13518**

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	
Deck Elements								
Median								
Concrete	90%			LIFE	**	5	\$21,700	A
Concrete	10%	4+	\$2,100	LIFE	**	5	\$21,700	A
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations</i>								
Railings/Parapets								
Concrete	100%			2033	**	4	\$800	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Concrete Parapet</i>								
Steel	100%			LIFE	**	2-8	\$4,800	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Steel Railing</i>								
Sidewalks								
Concrete	100%	4+	\$7,400	2029	**	5	\$5,300	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Wearing Surface								
Concrete	100%	4+	\$25,200	2033	**	5	\$73,000	C
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Along Armored Joint Along East And West Abutment</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Primary Member								
Steel	100%			LIFE	**	2-8	\$412,300	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FDR NB RAMP/SOUTH ST  
**Address** : OFF RAMP @PACK SLIP  
**Borough** : MANHATTAN  
**Program / Asset #** : DOT0027.0A0 / 4323  
**Area Sq Ft** : 102,200  
**Date of Survey** : 18-Jul-2011  
**Areas Surveyed** :  
**Block** : Lot : BIN : 223201A  
**Agency's Number** : N/A  
**Yr Built/Renovated** : 1954 /  
**Project Type** : HIGHWAY BRIDGES  
**Landmark Status** : NONE

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$279,000	\$813,100
<b>Total</b>	<b>\$279,000</b>	<b>\$813,100</b>
Priority A	\$279,000	\$490,900
Priority B		\$158,400
Priority C		\$163,900
<b>Total</b>	<b>\$279,000</b>	<b>\$813,100</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$106,600		\$65,100	
<b>Total</b>	<b>\$106,600</b>		<b>\$65,100</b>	
Priority A	\$22,200		\$49,200	
Priority B	\$40,300		\$15,900	
Priority C	\$44,100			
<b>Total</b>	<b>\$106,600</b>		<b>\$65,100</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 NB RAMP/SOUTH ST**  
**Asset # : 4323**

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)	
<b>Abutments</b>							
Bridge Seat&pedestals Not Accessible	100%						D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
<i>Location : Under Deck Shield Begins With End Abutment</i>							
<i>Explanation : Under Construction, 25% Of The Bridge Is Covered With Temporary Under Deck Shield.</i>							
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
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Begin Abutment</i>							
<i>Explanation : Under Construction</i>							
Generic	50%			LIFE	**		B
Pedestals Not Accessible	100%						D
Stem (breastwall) Not Accessible	100%						D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
<i>Location :</i>							
<i>Explanation : Under Construction</i>							
Walls Not Accessible	100%						D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
<i>Location :</i>							
<i>Explanation : Under Construction</i>							
<b>Wingwalls</b>							
Footings Not Accessible	100%						D
Piles Not Accessible	100%						D
Walls Concrete	80%			LIFE	**		C
Concrete	20%	4+	\$21,400	LIFE	**		C
<i>Vegetation Growth, Extent : Severe, Area Affected : 40%</i>							
<i>Location : Bottom Of Wall</i>							
<b>Approaches</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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	60%			2024	\$98,300	4	\$3,600	C
Asphalt	40%	2-4	\$13,100	2024	\$65,500	4	\$2,400	C
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Minor Spalls With Deteriorated Surface (beg. Approach)</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Surface Of Beg. Approach</i>								
<i>Explanation : Rutting</i>								
Concrete	100%			2032	**	4		C
Curbs								
Concrete w/ Steel Face	60%			LIFE	**			A
Concrete w/ Steel Face	40%	4+	\$6,900	LIFE	**			A
<i>Rust Stains, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Full Length</i>								
Guide Railing								
Concrete	60%			2032	**	4	\$17,200	A
Concrete	40%	4+	\$9,600	2032	**	4	\$11,400	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	60%			LIFE	**			C
Concrete	40%	4+	\$8,400	LIFE	**			C
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Surface</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Deteriorated Concrete Along The Length</i>								
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		Priority Code
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+	\$279,000	LIFE	**			A
<i>Cracks, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random</i> <i>Delaminations, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random</i> <i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random</i> <i>Rust Stains, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random</i> <i>Spalling, Extent : Light, Area Affected : 10%</i> <i>Location : Random</i> <i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random</i> <i>Explanation : Spalls With And Without Exposed Reinforcement Are Covered With Steel Meshes.</i>								
Steel	100%			LIFE	**	2-8	\$1,135,000	A
<i>Corrosion, Extent : Severe, Area Affected : 30%</i> <i>Location : Random</i>								
Pier,Columns								
Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$24,900	LIFE	**			B
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random</i> <i>Spalling, Extent : Moderate, Area Affected : 20%</i> <i>Location : Cracks And Spalling On All Piers</i> <i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random</i> <i>Explanation : Spalls With And Without Exposed Reinforcement Are Covered With Steel Meshes.</i>								
Steel	100%			LIFE	**	2-8	\$455,900	B
<i>Other Observation, Extent : Light, Area Affected : 30%</i> <i>Location : Random</i> <i>Explanation : Paint Peeling</i>								
Stem,Solid Pier								
Concrete	70%			LIFE	**			B
Concrete	30%	4+	\$15,500	LIFE	**			B
<i>Spalling, Extent : Moderate, Area Affected : 20%</i> <i>Location : Spans 14-16</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Piers							
Pedestals							
Under Construction	100%						D
Deck Elements							
Curbs							
Under Construction	100%						D
Guide Railing							
Under Construction	100%						D
Median							
Under Construction	100%						D
Mono Deck Surface							
Under Construction	100%						D
Railings/Parapets							
Under Construction	100%						D
Sidewalks							
Under Construction	100%						D
Wearing Surface							
Under Construction	100%						D
Superstructure							
Deck,Structural							
Under Construction	100%						D
Joints							
Under Construction	100%						D
Primary Member							
Under Construction	100%						D
Secondary Member							
Under Construction	100%						D

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

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FDR 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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$822,300	\$2,843,700
<b>Total</b>	<b>\$822,300</b>	<b>\$2,843,700</b>
Priority A	\$564,900	\$1,802,600
Priority B	\$219,800	\$679,000
Priority C	\$37,600	\$362,100
<b>Total</b>	<b>\$822,300</b>	<b>\$2,843,700</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$83,800		\$240,900	\$9,700
<b>Total</b>	<b>\$83,800</b>		<b>\$240,900</b>	<b>\$9,700</b>
Priority A	\$41,700		\$172,700	
Priority B	\$3,500		\$68,100	
Priority C	\$38,500			\$9,700
<b>Total</b>	<b>\$83,800</b>		<b>\$240,900</b>	<b>\$9,700</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**  
**FDR SB RAMP/SOUTH ST**  
**Asset # : 4324**

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	Priority Code
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction. The Abutment Is Within Contractor Stage Area</i>								
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	\$38,000	LIFE		* *		B
<i>Broken/Missing Element, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Joint Filler Is Missing At End Abutment</i>								
<i>Spalling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Concrete Joint Headers Along The Edge Of End Abutment</i>								
Mat (scour & erosion) Earth	100%			LIFE		* *		B
Pedestals Not Accessible	100%							D
Stem (breastwall) Not Accessible	100%							D
Walls Not Accessible	100%							D
<b>Wingwalls</b>								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE		* *		C
Piles Not Accessible	100%							D
Walls Granite	100%			LIFE		* *		C
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	60%			2024	\$88,800	4	\$3,600	C
Asphalt	40%	2-4	\$23,700	2024	\$59,200	4	\$2,400	C
<i>Cracks, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random</i>								
Concrete	100%			2032		* *	4	C
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		* *		A
<i>Corrosion, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Along Bottom Of Steel Facing</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**  
**FDR SB RAMP/SOUTH ST**  
**Asset # : 4324**

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	
<b>Approaches</b>								
Guide Railing								
Concrete	40%			2032	**	4	\$4,300	A
Concrete	60%	0-2	\$19,400	2032	**	4	\$2,900	A
	<i>Cracks, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : Throughout</i>							
Granite	100%			LIFE	**			A
	<i>Other Observation, Extent : Light, Area Affected : 30%</i>							
	<i>Location : End Approach</i>							
	<i>Explanation : Covered By Construction Fence</i>							
<b>Pavement Base</b>								
Not Accessible	100%							D
<b>Sidewalks</b>								
Concrete	95%			LIFE	**			C
Concrete	5%	2-4	\$800	LIFE	**			C
	<i>Spalling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
<b>Piers</b>								
<b>Cap Beam</b>								
Steel	90%			LIFE	**	2-8	\$961,100	A
Steel	10%	4+	\$64,100	LIFE	**	2-8	\$961,100	A
	<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
	<i>Explanation : Paint Peeling</i>							
<b>Pier,Columns</b>								
Steel	90%			LIFE	**	2-8	\$342,000	B
Steel	10%	4+	\$122,700	LIFE	**	2-8	\$342,000	B
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
<b>Stem,Solid Pier</b>								
Not Accessible	100%							D
<b>Brngs,Ancr Blts,Pads</b>								
Steel	100%			LIFE	**	2-8	\$5,000	A
	<i>Rust Stains, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random</i>							
<b>Footings</b>								
Not Accessible	100%							D
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			A
<b>Pedestals</b>								
Steel	100%	4+	\$59,100	LIFE	**			B
	<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Random</i>							

**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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete w/ Steel Face	98%	4+	\$6,600	LIFE	**			A
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Surface Rust</i>								
Concrete w/ Steel Face	2%	Now	\$4,000	LIFE	**			A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Left Curb Span 1</i>								
Gratings								
Steel	100%			LIFE	**			A
Railings/Parapets								
Steel	100%	4+	\$10,200	LIFE	**	2-8	\$17,000	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Sidewalks								
Concrete	95%			2028	**	5	\$100	C
Concrete	5%	2-4		2028	**	5		C
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Wearing Surface								
Asphalt	80%			2024		5	\$19,300	C
Asphalt	20%	2-4	\$12,800	2024		5	\$9,700	C
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : At Joints</i>								
Superstructure								
Deck, Structural								
Concrete	60%			LIFE	**	5	\$22,600	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction And Not Accessible</i>								
Concrete	40%	2-4	\$297,400	LIFE	**	5	\$22,600	A
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Joints</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Explanation : Honeycombing</i>								
Joints								
Generic	40%			LIFE	**			C
Generic	60%	Now	\$37,600	LIFE	**			C
<i>Joints Missing, Extent : Severe, Area Affected : 60%</i>								
<i>Location : 3rd And 4th Joints</i>								
<i>Leakage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 1st And 2nd Joints</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**  
**FDR SB RAMP/SOUTH ST**  
**Asset # : 4324**

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								
Primary Member								
Concrete	80%			LIFE	**	5	\$21,600	A
Concrete	20%	2-4	\$112,300	LIFE	**	5	\$21,600	A
<i>Cracks, Extent : Severe, Area Affected : 75%</i> <i>Location : Random At Spans 9-10 As Per Nysdot Insp.</i> <i>Efflorescence, Extent : Severe, Area Affected : 75%</i> <i>Location : Random At Spans 9-10 As Per Nysdot Insp.</i> <i>Other Observation, Extent : Severe, Area Affected : 75%</i> <i>Location : Random At Spans 9-10 As Per Nysdot Insp.</i> <i>Explanation : Stalactite, Map Cracks With Wet Stains And Scaling</i>								
Steel	95%			LIFE	**	2-8	\$824,500	A
Steel	5%	4+	\$91,000	LIFE	**	2-8	\$824,500	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i> <i>Location :</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Random</i> <i>Explanation : Paint Peeling</i>								
Secondary Member								
Steel	100%	4+	\$3,500	LIFE	**	2-8	\$690,700	B
<i>Corrosion, Extent : Severe, Area Affected : 1%</i> <i>Location : Span 6, End Diaphragm Of Bays 1 &amp; 3 At Pier 6</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Random</i> <i>Explanation : Paint Peeling</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET  
**Address** : 62ND ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$864,000	\$2,312,200
<b>Total</b>	<b>\$864,000</b>	<b>\$2,312,200</b>
Priority A	\$864,000	\$1,387,900
Priority B		\$694,000
Priority C		\$230,300
<b>Total</b>	<b>\$864,000</b>	<b>\$2,312,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$23,000	\$29,400	\$208,800	
<b>Total</b>	<b>\$23,000</b>	<b>\$29,400</b>	<b>\$208,800</b>	
Priority A			\$139,200	
Priority B			\$69,600	
Priority C	\$23,000	\$29,400		
<b>Total</b>	<b>\$23,000</b>	<b>\$29,400</b>	<b>\$208,800</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**  
**FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET**

**Asset # : 4208**

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								
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+	\$23,000	2024	\$230,300	4	\$4,300	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
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								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Pier,Columns								
Concrete	100%			LIFE	**			B
Concrete Encased Steel	100%			LIFE	**	5		B
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : At East Face Of Pier 33</i>						
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
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random</i>						
Railings/Parapets								
Concrete	100%	4+	\$41,400	2032	**	4	\$9,700	A
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : At Joints Along Fascia</i>						
Wearing Surface								
Concrete	100%			2032	**	5	\$58,900	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$11,100	A
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	10%	4+	\$822,600	LIFE	**	2-8	\$1,296,200	A
		<i>Corrosion, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Impact Scrapes With Rust Stains To Bottom Flange Of Girders In Span 34</i>						
Steel	90%			LIFE	**	2-8	\$1,296,200	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,085,800	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL  
**Address** : 42ND ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0084.000 / 2513 **Yr Built/Renovated** : 1950 /  
**Area Sq Ft** : 92,200 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 18-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2246570

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$155,600	\$6,612,100
<b>Total</b>	<b>\$155,600</b>	<b>\$6,612,100</b>
Priority A	\$73,100	\$778,700
Priority C	\$82,500	\$5,833,300
<b>Total</b>	<b>\$155,600</b>	<b>\$6,612,100</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$65,500	\$34,800	\$1,200	
<b>Total</b>	<b>\$65,500</b>	<b>\$34,800</b>	<b>\$1,200</b>	
Priority A	\$12,000	\$10,700	\$1,200	
Priority B	\$14,700			
Priority C	\$38,800	\$24,200		
<b>Total</b>	<b>\$65,500</b>	<b>\$34,800</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**  
**FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL**

**Asset # : 2513**

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		
<b>Abutments</b>									
Footings									
Not Accessible	100%							D	
Stem (breastwall)									
Concrete	100%			LIFE		**		B	
Tile	100%	4+	\$14,700	LIFE		**		B	
	<i>Leakage, Extent : Light, Area Affected : 5%</i>								
	<i>Location : Span 1 West Face</i>								
<b>Wingwalls</b>									
Footings									
Not Accessible	100%							D	
Piles									
Not Accessible	100%							D	
Walls									
Concrete	100%			LIFE		**		C	
Granite	100%			LIFE		**		C	
<b>Approaches</b>									
Pavement									
Asphalt	80%			2025	\$3,974,000	4	\$72,500	C	
Asphalt	20%	4+	\$19,900	2022	\$993,500	4	\$48,300	C	
	<i>Cracks, Extent : Light, Area Affected : 30%</i>								
	<i>Location : Random Locations</i>								
	<i>Settlement, Extent : Light, Area Affected : 50%</i>								
	<i>Location : Random Locations</i>								
	<i>Spalling, Extent : Light, Area Affected : 50%</i>								
	<i>Location : Random Locations</i>								
<b>Curbs</b>									
Concrete w/ Steel Face	100%			LIFE		**		A	
Granite	70%			LIFE		**		A	
Granite	30%	0-2	\$7,100	LIFE		**		A	
	<i>Settlement, Extent : Light, Area Affected : 10%</i>								
	<i>Location : Throughout</i>								
<b>Embankment</b>									
Not Accessible	100%							D	
<b>Guide Railing</b>									
Steel	100%			LIFE		**	2-8	\$5,800	A

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

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

\*\* 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Sidewalks								
Cobblestone	100%	4+	\$6,000	LIFE	**			C
<i>Joint Motar Miss/Erod, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Along East Approach</i> <i>Loose Elements, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations</i> <i>Recent Replace Evident, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : East Approach</i> <i>Explanation : Consists Of 50 Percent Concrete, 20 Percent Cobblestone And 30 Percent Concrete Pavers</i>								
Concrete	100%	4+	\$6,300	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Along West Approach</i>								
Masonry	100%	4+	\$6,600	LIFE	**			C
<i>Broken, Missing Pave, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Along East Approach</i>								
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								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Granite	100%			LIFE	**			A
<i>Settlement, Extent : Light, Area Affected : 50%</i> <i>Location : Random Locations</i>								
Median								
Concrete	20%	4+	\$4,900	LIFE	**	5	\$15,600	A
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations</i>								
Concrete	80%			LIFE	**	5	\$15,600	A
Railings/Parapets								
Concrete	100%			2033	**	4	\$32,000	A
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations</i>								
Steel	100%			LIFE	**	2-8	\$29,300	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations</i>								
Sidewalks								
Concrete	100%			2029	**	5	\$82,600	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**  
**FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL**

**Asset # : 2513**

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	
Deck Elements								
Wearing Surface								
Asphalt	100%	4+	\$41,200	2025	\$824,500	5	\$30,500	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
Superstructure								
Deck, Structural								
Concrete	10%	4+	\$32,500	LIFE	**	5	\$101,500	A
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
Concrete	5%	Now	\$40,600	LIFE	**	5	\$101,500	A
<i>Spalling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Span 2 Right Side</i>								
Concrete	85%			LIFE	**	5	\$101,500	A
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations</i>								
Primary Member								
Concrete	100%			LIFE	**	5	\$474,300	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FLATBUSH AVE. BRIDGE  
**Address** : FLATBUSH AVE OVER BELT - SHORE PARKWAY  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**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

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure		\$460,100
<b>Total</b>		<b>\$460,100</b>
Priority A		\$139,100
Priority B		\$139,100
Priority C		\$181,800
<b>Total</b>		<b>\$460,100</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$105,600		\$31,400	
<b>Total</b>	<b>\$105,600</b>		<b>\$31,400</b>	
Priority A	\$69,100		\$14,700	
Priority B			\$14,000	
Priority C	\$36,500		\$2,800	
<b>Total</b>	<b>\$105,600</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**  
**FLATBUSH AVE. BRIDGE**  
**Asset # : 13669**

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 Concrete	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northeast Corner</i>								
<i>Explanation : Vegetation Growth At Northeast Fascia</i>								
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
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Wingwalls</i>								
<i>Explanation : Stone Facing On Concrete Wingwalls</i>								
Approaches								
Pavement Asphalt	80%			2024	\$116,100	4	\$5,100	C
Asphalt	20%	4+	\$2,900	2024	\$29,000	4	\$3,400	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Northeast Side Of The Approach Around Con Edison Manhole</i>								
Concrete	100%			2032	**	4	\$24,900	C
Curbs								
Concrete w/ Steel Face	70%			LIFE	**			A
Concrete w/ Steel Face	30%	Now	\$16,200	LIFE	**			A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Guide Railing								
Steel	80%			LIFE	**	2-8	\$5,800	A
Steel	20%	4+	\$8,300	LIFE	**	2-8	\$5,800	A
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Northeast And Southwest</i>								
<i>Explanation : Collision Damage, Fire Hydrant And Fenders Are Tilted. Corrugated Steel Railings Are Bent.</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	90%			LIFE	**			C
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Approach Sidewalks</i>								
Concrete	10%	4+	\$7,700	LIFE	**			C
<i>Broken/Missing Element, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At All Sidewalk Approaches Next To Deck Element Sidewalk</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At All Sidewalk Approaches</i>								
<i>Explanation : Asphalt Expansion Joint</i>								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Granite	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Ends Of Pier Wall</i>								
<i>Explanation : Stone Veneer Full Height Of Pier</i>								
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+	\$32,400	LIFE	**			A
<i>Rust Stains, Extent : Light, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
Median								
Concrete	100%			LIFE	**	5	\$1,600	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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Mono Deck Surface								
Concrete	100%	4+	\$5,500	2043	**	5	\$36,600	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Crack In Deck Over The Pier</i>								
Railings/Parapets								
Concrete	95%			2032	**	4	\$12,800	A
Concrete	5%	4+	\$2,900	2032	**	4	\$8,500	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Steel	100%			LIFE	**	2-8	\$11,700	A
Sidewalks								
Concrete	55%			2028	**	5	\$5,600	C
Concrete	45%	4+	\$10,400	2028	**	5	\$2,800	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Superstructure								
Deck, Structural								
Concrete	95%			LIFE	**	5	\$15,500	A
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : On Sip Forms Of Fascia Girders</i>								
Concrete	5%	4+	\$5,000	LIFE	**	5	\$15,500	A
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Corrosion To Sip Forms In Southeast Bay</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$259,900	A
<i>Rust Stains, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$217,700	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND  
**Address** : NORTHERN BLVD. X-ING FLUSH. RIV.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0001.0A0 / 2561 **Yr Built/Renovated** :  
**Area Sq Ft** : 9,600 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 02-Jan-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 205580A

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$144,000
<b>Total</b>		<b>\$144,000</b>
Priority C		\$144,000
<b>Total</b>		<b>\$144,000</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$45,000	\$1,300	\$300	\$1,900
<b>Total</b>	<b>\$45,000</b>	<b>\$1,300</b>	<b>\$300</b>	<b>\$1,900</b>
Priority A			\$300	
Priority B	\$6,900			
Priority C	\$38,000	\$1,300		\$1,900
<b>Total</b>	<b>\$45,000</b>	<b>\$1,300</b>	<b>\$300</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**  
**FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND**

**Asset # : 2561**

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	
<b>Abutments</b>								
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	4+	\$6,900	LIFE		* *		B
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 20%</i>								
<i>Location : Both Abutments</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Stem (breastwall)								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Stem Wall Is Located Behind Enclosure Wall With Locked Door At West Side Abutment</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Concrete	95%			LIFE		* *		C
Concrete	5%	4+	\$10,400	LIFE		* *		C
<i>Broken/Missing Element, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Side</i>								
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Side</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : North Side</i>								
<b>Approaches</b>								
Pavement								
Asphalt	100%			2025	\$144,000	4	\$4,000	C
Concrete	100%	4+	\$4,500	2033		* *	\$10,300	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Approach</i>								
Curbs								
Concrete	100%			LIFE		* *		A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Side Only</i>								
<i>Explanation : Curbs Exist On One Side Only</i>								
Embankment								
Generic	100%			LIFE		* *		C
Guide Railing								
Steel	100%			LIFE		* *	2-8	\$2,900

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND**

**Asset # : 2561**

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	
Approaches								
Sidewalks								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8		A
Pier,Columns								
Concrete	100%			LIFE	**			B
Steel	100%			LIFE	**	2-8		B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8		A
Footings								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete	100%			2044	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Side Only</i>								
<i>Explanation : Curbs Exist On One Side Only</i>								
Guide Railing								
Concrete	100%			2037	**			A
Mono Deck Surface								
Concrete	100%	4+	\$9,900	2044	**	5	\$21,100	C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Scattered Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 40%</i>								
<i>Location : Scattered Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$6,400	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Fence</i>								
Sidewalks								
Concrete	100%			2029	**	5	\$3,800	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$10,600	A
Joints								
Generic	100%	4+	\$13,200	LIFE	**			C
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout Structure</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Scattered Throughout</i>								
<i>Explanation : Broken/ Missing Steel Plates</i>								
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.



**DEPARTMENT OF TRANSPORTATION - 841  
FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND  
Asset # : 2561**

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : FORDHAM PLAZA METRO NORTH RAILROAD  
 Address : E189TH ST, PARK AVE.  
 Borough : BRONX Agency's Number : N/A  
 Program / Asset # : DOT0057.000 / 2482 Yr Built/Renovated : 1889 /  
 Area Sq Ft : 40,080 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 19-Dec-2012 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2241839

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$151,400	\$985,300
<b>Total</b>	<b>\$151,400</b>	<b>\$985,300</b>
Priority A		\$440,800
Priority C	\$151,400	\$544,500
<b>Total</b>	<b>\$151,400</b>	<b>\$985,300</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$74,000		\$39,900	\$2,000
<b>Total</b>	<b>\$74,000</b>		<b>\$39,900</b>	<b>\$2,000</b>
Priority A	\$29,700		\$39,900	
Priority C	\$44,300			\$2,000
<b>Total</b>	<b>\$74,000</b>		<b>\$39,900</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  
FORDHAM PLAZA METRO NORTH RAILROAD**

**Asset # : 2482**

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 Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Underside Of Bridge</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman</i>								
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) Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>								
Walls Granite	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stone Facing Not Accessible For Inspection. Requires Railroad Flagman.</i>								
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 Brick	100%	4+	\$14,900	2025	\$297,600	4	\$209,900	C
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
<i>Explanation : Settlement</i>								
Concrete	100%	4+	\$81,200	2033	**	4	\$65,300	C
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Consists Of 10 Percent Concrete And 90 Percent Concrete Pavers</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  
FORDHAM PLAZA METRO NORTH RAILROAD**

**Asset # : 2482**

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	
Approaches								
Curbs								
Granite	100%	4+	\$29,700	LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Broken/ Missing Stone</i>								
Guide Railing								
Steel	100%			LIFE	**	2-8		A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Side</i>								
<i>Explanation : Only One Side Of The Bridge Has Guide Railing</i>								
Sidewalks								
Concrete	100%			LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Masonry	100%	4+	\$2,500	LIFE	**			C
<i>Broken, Missing Pave, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Location</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Pavers</i>								
Deck Elements								
Curbs								
Granite	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Specifically, Stone</i>								
Median								
Concrete	100%			LIFE	**	5	\$1,800	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Pavers</i>								
Mono Deck Surface								
Concrete	100%	4+	\$22,800	2044	**	5	\$106,500	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Consists Of 10 Percent Concrete And 90 Percent Covered By Concrete Pavers</i>								
Not Accessible	100%							D
Railings/Parapets								
Concrete	100%			2033	**	4		A
Steel	100%			LIFE	**	2-8	\$2,500	A
Sidewalks								
Concrete	100%			2029	**	5	\$3,900	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  
FORDHAM PLAZA METRO NORTH RAILROAD**

**Asset # : 2482**

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	
Deck Elements								
Wearing Surface								
Concrete	90%			2033	**	5	\$140,400	C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Consists Of 90 Percent Concrete Pavers And 10 Percent Concrete</i>								
Concrete	10%	4+	\$4,100	2033	**	5	\$70,200	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$44,100	A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On Stay In Place Forms</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>								
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$740,900	A
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : South Side Of Bridge</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8		B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : South Side Of Bridge</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FORT HAMILTON BRIDGE  
**Address** : FORT HAMILTON PARKWAY  
**Borough** : BROOKLYN  
**Program / Asset #** : DOT0162.000 / 13570  
**Area Sq Ft** : 14,800  
**Date of Survey** : 20-Nov-2013  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2243620  
**Agency's Number** : N/A  
**Yr Built/Renovated** : 1984 /  
**Project Type** : HIGHWAY BRIDGES  
**Landmark Status** : NONE

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$125,600	\$75,100
<b>Total</b>	<b>\$125,600</b>	<b>\$75,100</b>
Priority A	\$125,600	\$75,100
<b>Total</b>	<b>\$125,600</b>	<b>\$75,100</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$129,200		\$11,700	
<b>Total</b>	<b>\$129,200</b>		<b>\$11,700</b>	
Priority A			\$5,300	
Priority B	\$52,300			
Priority C	\$76,900		\$6,400	
<b>Total</b>	<b>\$129,200</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**  
**FORT HAMILTON BRIDGE**  
**Asset # : 13570**

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 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	25%	2-4	\$17,900	LIFE	* *			B
		<i>Broken/Missing Element, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Generic	75%			LIFE	* *			B
Mat (scour & erosion) Earth	100%			LIFE	* *			B
Stem (breastwall) Concrete	35%	4+	\$34,300	LIFE	* *			B
		<i>Efflorescence, Extent : Light, Area Affected : 2%</i>						
		<i>Location : At Top Of Wall</i>						
		<i>Leakage, Extent : Light, Area Affected : 2%</i>						
		<i>Location : At Top Of Wall</i>						
		<i>Rust Stains, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout Below Box Beam 12 Thru 17</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : At Top Of Wall Below Box Beam 12 Thru 17</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Graffiti On Wall Surface</i>						
Concrete	65%			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
		<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%	4+	\$21,500	2026	**	4	\$1,500	C
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Approach Pavement Is 60 Percent Asphalt And 40 Percent Concrete</i>								
Concrete	100%			2034	**	4	\$12,800	C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Approach Pavement Is 40 Percent Concrete And 60 Percent Asphalt</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%			2034	**			A
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : North Side</i>								
<i>Explanation : Component Exists On One Side Only</i>								
Sidewalks								
Concrete	100%	4+	\$19,900	LIFE	**			C
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Northwest Corner</i>								
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
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</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**  
**FORT HAMILTON BRIDGE**  
**Asset # : 13570**

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	
Deck Elements								
Mono Deck Surface								
Concrete	100%	4+	\$5,200	2045	* *	5	\$21,000	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2034	* *	4	\$10,500	A
Sidewalks								
Concrete	100%	4+	\$19,700	2033	* *	5	\$7,100	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Adjacent To Joint Header</i>								
Superstructure								
Joints								
Generic	100%	2-4	\$10,600	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	15%	4+	\$88,100	LIFE	* *	5	\$37,500	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>								
Concrete	85%			LIFE	* *	5	\$75,100	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.



Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : GRAND CONCOURSE BRIDGE  
**Address** : GRAND CONCOURSE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0158.000 / 13566 **Yr Built/Renovated** : 1906 / 2006  
**Area Sq Ft** : 16,100 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 31-Oct-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2241409

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$96,500	
<b>Total</b>	<b>\$96,500</b>	
Priority A	\$37,800	
Priority C	\$58,700	
<b>Total</b>	<b>\$96,500</b>	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$88,600		\$24,000	
<b>Total</b>	<b>\$88,600</b>		<b>\$24,000</b>	
Priority A	\$6,000		\$200	
Priority B	\$34,100			
Priority C	\$48,500		\$23,800	
<b>Total</b>	<b>\$88,600</b>		<b>\$24,000</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**  
**GRAND CONCOURSE BRIDGE**  
**Asset # : 13566**

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	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	55%	2-4	\$34,100	LIFE		* *		B	
			<i>Broken/Missing Element, Extent : Light, Area Affected : 5%</i>						
			<i>Location : Concrete Joint Headers (1foot High By 1 Foot Wide)</i>						
			<i>Loose Joint Plates, Extent : Light, Area Affected : 10%</i>						
			<i>Location : Random Locations Throughout</i>						
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 30%</i>						
			<i>Location : Random Locations Throughout</i>						
Generic	45%			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)									
Not Accessible	100%							D	
Piles									
Not Accessible	100%							D	
Walls									
Not Accessible	100%							D	
Approaches									
Pavement									
Concrete	80%	4+	\$22,000	2034		* *	4	\$47,600	C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>						
			<i>Location : Random Locations Throughout</i>						
			<i>Spalling, Extent : Light, Area Affected : 5%</i>						
			<i>Location : Random Locations Throughout</i>						
Concrete	20%			2034		* *	4	\$47,600	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**  
**GRAND CONCOURSE BRIDGE**  
**Asset # : 13566**

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	
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$37,800	LIFE	**			A
<i>Broken/Missing Element, Extent : Light, Area Affected : 10%</i>								
<i>Location : 18 Inches Long Broken Piece Of Curb At Southwest Side</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Southeast Approach</i>								
Embankment								
Earth	100%			LIFE	**			C
Railings/Parapets								
Steel	100%			LIFE	**			A
Sidewalks								
Concrete	100%	4+	\$16,200	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northeast Approach Sidewalk</i>								
<i>Explanation : Con Ed Excavated 4Ft x 4Ft Opening On The Sidewalk To Repair A Gas Leak.</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Median								
Concrete	100%	4+	\$2,700	LIFE	**	5	\$1,400	A
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$8,700	A
Sidewalks								
Concrete	100%	4+	\$10,300	2030	**	5	\$3,800	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$58,700	2034	**	5	\$34,400	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : **GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST**  
 Address : **167TH ST**  
 Borough : **BRONX** Agency's Number : **N/A**  
 Program / Asset # : **DOT0062.000 / 2501** Yr Built/Renovated : **1923 /**  
 Area Sq Ft : **38,100** Project Type : **HIGHWAY BRIDGES**  
 Date of Survey : **19-Jul-2011** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : Lot : BIN : **2242280**

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$4,490,500	\$3,189,000
<b>Total</b>	<b>\$4,490,500</b>	<b>\$3,189,000</b>
Priority A	\$624,600	\$467,800
Priority B	\$3,609,100	\$981,800
Priority C	\$256,800	\$1,739,400
<b>Total</b>	<b>\$4,490,500</b>	<b>\$3,189,000</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$114,100		\$101,600	\$23,600
<b>Total</b>	<b>\$114,100</b>		<b>\$101,600</b>	<b>\$23,600</b>
Priority A	\$61,800		\$100	
Priority B			\$98,500	
Priority C	\$52,300		\$3,100	\$23,600
<b>Total</b>	<b>\$114,100</b>		<b>\$101,600</b>	<b>\$23,600</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**  
**GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST**  
**Asset # : 2501**

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	Priority Code
<b>Abutments</b>								
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+	\$28,300	LIFE	* *			A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Stem (breastwall) Concrete Encased Steel	100%	4+	\$547,000	LIFE	* *			B
<i>Efflorescence, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spalling At Interface With Pedestals</i>								
<b>Wingwalls</b>								
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+	\$147,800	LIFE	* *			C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<b>Approaches</b>								
Pavement Asphalt	60%			2024	\$769,100	4	\$35,600	C
Asphalt	40%	2-4	\$51,300	2024	\$512,800	4	\$23,800	C
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Along Wingwalls</i>								
<i>Settlement, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Along Wingwall Curbs</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 CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST**  
**Asset # : 2501**

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	
Approaches								
Curbs								
Concrete w/ Steel Face	80%			LIFE	**			A
Concrete w/ Steel Face	20%	4+	\$3,800	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random</i>								
Guide Railing								
Concrete	80%			2032	**	4	\$24,200	A
Concrete	20%	2-4	\$5,300	2032	**	4	\$16,100	A
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spalls With Exposed Rebars</i>								
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	80%			LIFE	**			C
Concrete	20%	4+	\$13,000	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
Piers								
Pier,Columns								
Steel	70%			LIFE	**	2-8	\$1,413,400	B
Steel	30%	4+	\$2,666,800	LIFE	**	2-8	\$1,413,400	B
<i>Efflorescence, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
Stem,Solid Pier								
Concrete	70%			LIFE	**			B
Concrete	30%	4+	\$395,300	LIFE	**			B
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
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	\$1,300	LIFE	**			A
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West And East Sidewalk</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Median								
Concrete	80%			LIFE	**	5	\$1,700	A
Concrete	20%	4+	\$14,600	LIFE	**	5	\$1,700	A
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
<hr/>								
Railings/Parapets								
Concrete	100%			2032	**	4	\$1,200	A
Steel	100%			LIFE	**	2-8	\$1,900	A
<hr/>								
Sidewalks								
Concrete	70%			2028	**	5	\$6,200	C
Concrete	30%	Now	\$57,700	2028	**	5	\$3,100	C
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 60%</i>								
<i>Location : West Sidewalk</i>								
<i>Spalling, Extent : Severe, Area Affected : 60%</i>								
<i>Location : West Sidewalk</i>								
<hr/>								
Wearing Surface								
Asphalt	70%			2024		5	\$47,100	C
Asphalt	30%	4+	\$27,400	2024		5	\$23,600	C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Near Curbs</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<hr/>								
<b>Superstructure</b>								
Deck,Structural								
Concrete	80%			LIFE	**	5	\$41,900	A
Concrete	20%	4+	\$277,400	LIFE	**	5	\$41,900	A
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Efflorescence, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
<hr/>								
Primary Member								
Concrete Encased Steel	80%			LIFE	**	5	\$192,000	A
Concrete Encased Steel	20%	4+	\$347,200	LIFE	**	5	\$192,000	A
<i>Efflorescence, Extent : Light, 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.

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.  
**Address** : GRAND CONCOURSE AND E.161 ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$442,000	\$575,900
<b>Total</b>	<b>\$442,000</b>	<b>\$575,900</b>
Priority A		\$253,900
Priority B	\$373,800	\$253,900
Priority C	\$68,100	\$68,100
<b>Total</b>	<b>\$442,000</b>	<b>\$575,900</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$81,600		\$51,700	\$1,300
<b>Total</b>	<b>\$81,600</b>		<b>\$51,700</b>	<b>\$1,300</b>
Priority A	\$8,400		\$26,300	
Priority B			\$25,500	
Priority C	\$73,300			\$1,300
<b>Total</b>	<b>\$81,600</b>		<b>\$51,700</b>	<b>\$1,300</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 OVER E.161 ST. GRAND CONCOURSE/E.161 ST.**  
**Asset # : 4215**

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								
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+	\$373,800	LIFE	**			B
	<i>Cracks, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Random</i>							
	<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
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
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Northwest Wingwall</i>							
	<i>Explanation : Water Stains</i>							
Approaches								
Pavement								
Asphalt	100%			2027	**	4	\$2,600	C
Concrete	90%			2036	**	4	\$136,100	C
Concrete	10%	4+	\$19,800	2036	**	4	\$90,700	C
	<i>Cracks, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Granite	100%			LIFE	**			A
Gratings								
Steel	100%			LIFE	**			A
Median								
Concrete	100%			LIFE	**	5		A
Granite	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lou Gehrig Plaza</i>								
<i>Explanation : Pavers And Planter Boxes Throughout Plaza</i>								
Mono Deck Surface								
Concrete	100%			2049	**	5	\$136,300	C
Railings/Parapets								
Concrete	100%			2036	**	4	\$25,100	A
Steel	100%			LIFE	**	2-8	\$22,900	A
Sidewalks								
Concrete	100%			2031	**	5	\$16,200	C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Sidewalks At Fasciae</i>								
<i>Explanation : Concrete Sidewalks At Each Fascia</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$28,200	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Precast Concrete Deck</i>								
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$474,200	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$397,200	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : GUY R. BREWER BLVD BRIDGE  
**Address** : GUY R. BREWER BOULEVARD OVER BELT - SOUTHERN PARKWAY  
**Borough** : QUEENS Agency's Number : N/A  
**Program / Asset #** : DOT0173.000 / 13668 Yr Built/Renovated :  
**Area Sq Ft** : 7,300 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 02-Aug-2011 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2231610

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$443,400	\$426,700
<b>Total</b>	<b>\$443,400</b>	<b>\$426,700</b>
Priority A	\$443,400	\$144,500
Priority B		\$121,000
Priority C		\$161,100
<b>Total</b>	<b>\$443,400</b>	<b>\$426,700</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$78,100		\$36,800	
<b>Total</b>	<b>\$78,100</b>		<b>\$36,800</b>	
Priority A	\$35,400		\$14,900	
Priority B	\$19,500		\$12,100	
Priority C	\$23,300		\$9,700	
<b>Total</b>	<b>\$78,100</b>		<b>\$36,800</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**  
**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	Priority Code
<b>Abutments</b>								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		A
Backwall								
Concrete	80%			LIFE		**		C
Concrete	20%	4+	\$6,700	LIFE		**		C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Delaminations, Extent : Light, Area Affected : 3%</i>								
<i>Location : Northwest Corner</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Leakage, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northwest Corner</i>								
<i>Other Observation, Extent : Light, Area Affected : 4%</i>								
<i>Location : Southeast Corner</i>								
<i>Explanation : Vegetation Growth</i>								
Brgs,Ancr Blts,Pads								
Elastomeric	100%	4+	\$10,800	2043		**		A
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Rust Stains, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random</i>								
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE		**		B
Mat (scour & erosion)								
Generic	100%			LIFE		**		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Granite Rock Paved Over</i>								
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	Priority Code
Wingwalls								
Walls								
Concrete	100%			LIFE	**			C
<i>Vegetation Growth, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$3,200	2024	\$161,100	4	\$3,800	C
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random</i>								
Concrete	100%			2032	**	4	\$12,300	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+	\$1,100	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+	\$2,100	LIFE	**	2-8	\$5,800	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								
Concrete	100%	4+	\$3,000	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	\$140,500	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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Brngs,Ancr Blts,Pads Elastomeric	100%	4+	\$16,300	2043	**			A
			<i>Rust Stains, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random</i>					
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+	\$2,200	LIFE	**			A
			<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Mono Deck Surface								
Concrete	100%			2043	**	5	\$19,400	C
			<i>Cracks, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random</i>					
Railings/Parapets								
Concrete	100%			2032	**	4	\$8,700	A
			<i>Cracks, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random</i>					
			<i>Explanation : Vegetation Growth</i>					
Steel	100%			LIFE	**	2-8	\$8,000	A
Sidewalks								
Concrete	100%	4+	\$6,200	2028	**	5	\$3,800	C
			<i>Cracks, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random</i>					
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$8,000	A
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Bottom Of The Deck</i>					
			<i>Explanation : Stay In Place Is In Good Condition</i>					
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	15%	4+	\$443,400	LIFE	**	2-8	\$135,000	A
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
Steel	85%			LIFE	**	2-8	\$135,000	A
Secondary Member								
Steel	100%	4+	\$19,500	LIFE	**	2-8	\$113,000	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.  
**Address** : 127TH ST. TO 2ND AVE.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0034.090 / 2473 **Yr Built/Renovated** : 1958 /  
**Area Sq Ft** : 51,121 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 04-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2233059

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$4,728,300	\$1,451,300
<b>Total</b>	<b>\$4,728,300</b>	<b>\$1,451,300</b>
Priority A	\$3,967,500	\$886,000
Priority B	\$328,900	\$506,000
Priority C	\$431,800	\$59,400
<b>Total</b>	<b>\$4,728,300</b>	<b>\$1,451,300</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$322,400		\$137,500	
<b>Total</b>	<b>\$322,400</b>		<b>\$137,500</b>	
Priority A	\$236,600		\$80,700	
Priority B	\$41,100		\$52,400	
Priority C	\$44,800		\$4,400	
<b>Total</b>	<b>\$322,400</b>		<b>\$137,500</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**  
**HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.**  
**Asset # : 2473**

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	
<b>Abutments</b>								
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	\$145,400	LIFE		**		B
<i>Leakage, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Asphalt Paved Over Joints On Both Abutments</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Both Abutments</i>								
<i>Explanation : Cracks At Asphalt Paved Over The Joint</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		B
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		**		C
Piles								
Not Accessible	100%							D
Walls								
Brick Veneer	100%	Now	\$9,600	LIFE		**		C
<i>Other Observation, Extent : Severe, Area Affected : 60%</i>								
<i>Location : North Abutment West Side, South Abutment East And West Side</i>								
<i>Explanation : Broken/ Missing Elements</i>								
Concrete	100%	2-4	\$96,600	LIFE		**		C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Approaches</b>								
Pavement								
Asphalt	90%			2026		**	4	\$8,900
Asphalt	10%	2-4	\$5,400	2026		**	4	\$8,900
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations 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**  
**HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.**

**Asset # : 2473**

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	
<b>Approaches</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	20%	0-2	\$3,100	LIFE	**			A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Concrete Spalled And Broken At Southeast And Southwest Curbs</i>								
Concrete w/ Steel Face	80%			LIFE	**			A
<b>Median</b>								
Concrete	100%			LIFE	**			A
Steel	100%			LIFE	**			A
<b>Railings/Parapets</b>								
Steel	20%	4+	\$8,900	LIFE	**			A
<i>Broken/Missing Element, Extent : Light, Area Affected : 10%</i>								
<i>Location : Corrugated Steel Panel Is Missing On East Side</i>								
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Steel	80%			LIFE	**			A
<b>Piers</b>								
<b>Cap Beam</b>								
Steel	20%	4+	\$51,300	LIFE	**	2-8	\$192,200	A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Midspan Bottom Flange And Web</i>								
Steel	80%			LIFE	**	2-8	\$321,600	A
<b>Pier,Columns</b>								
Steel	100%			LIFE	**	2-8	\$78,500	B
<b>Stem,Solid Pier</b>								
Concrete	100%			LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Piers 2 And 9 Observed And Piers 1 And 10 Not Accessible</i>								
<i>Explanation : Brick Veneer Facing</i>								
<b>Brngs,Ancr Blts,Pads</b>								
Steel	10%	4+	\$13,700	LIFE	**	2-8	\$23,800	A
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At Pier 2 And Pier 9</i>								
Steel	90%			LIFE	**	2-8	\$39,800	A
<b>Footings</b>								
Not Accessible	100%							D
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Pier</i>								
<i>Explanation : Earth And Paved</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**  
**HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.**

**Asset # : 2473**

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								
Steel	10%	4+	\$10,500	LIFE	**			B
<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Pier 2 And Pier 9</i>								
Steel	90%			LIFE	**			B
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	20%	4+	\$34,000	LIFE	**			A
<i>Broken/Missing Element, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Northeast Of Bridge Deck, At Span 10</i>								
Concrete w/ Steel Face	80%			LIFE	**			A
Median								
Concrete	20%	Now	\$348,200	LIFE	**	5	\$13,400	A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Near North And South Abutments</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Near North And South Abutments</i>								
<i>Spalling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	80%			LIFE	**	5	\$26,800	A
Railings/Parapets								
Steel	100%	4+	\$42,700	LIFE	**	2-8	\$28,500	A
<i>Broken/Missing Element, Extent : Light, Area Affected : 5%</i>								
<i>Location : Corrugated Steel Panel Is Missing At East Side</i>								
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : East Side</i>								
<i>Explanation : Corrugated Steel Panel</i>								
Sidewalks								
Concrete	30%	0-2	\$43,000	2030	**	5	\$2,400	C
<i>Spalling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Spans 1 To 4 And 9 To 11</i>								
Concrete	70%			2030	**	5	\$4,800	C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Along The East Side Of The Bridge</i>								
<i>Explanation : Narrow (2 Feet) Concrete Sidewalk</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**  
**HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.**

**Asset # : 2473**

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	
Deck Elements								
Wearing Surface								
Asphalt	75%	2-4	\$246,400	2026	**	5	\$29,700	C
	<i>Cracks, Extent : Moderate, Area Affected : 50%</i> <i>Location : At Piers 1, 4 And 8</i> <i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : Throughout</i> <i>Explanation : Patches And Bulges</i>							
Asphalt	25%			2026	**	5	\$59,400	C
Superstructure								
Deck,Structural								
Concrete	40%	Now	\$1,487,100	LIFE	**	5	\$56,300	A
	<i>Cracks, Extent : Severe, Area Affected : 50%</i> <i>Location : Throughout</i> <i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i> <i>Location : Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 20%</i> <i>Location : Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Wood Planks Or Steel Wire Mesh Under Deck</i>							
Concrete	60%			LIFE	**	5	\$112,500	A
Joints								
Generic	100%	0-2	\$45,900	LIFE	**			C
	<i>Leakage, Extent : Severe, Area Affected : 50%</i> <i>Location : At Pier 1, Pier 4 And Pier 8</i> <i>Spalling, Extent : Severe, Area Affected : 50%</i> <i>Location : All Joints</i>							
Primary Member								
Steel	10%	2-4	\$1,595,300	LIFE	**	2-8	\$567,000	A
	<i>Corrosion, Extent : Severe, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Recent Repair Evident, Extent : Light, Area Affected : 20%</i> <i>Location : Throughout</i>							
Steel	90%			LIFE	**	2-8	\$971,900	A
Secondary Member								
Steel	100%	4+	\$183,500	LIFE	**	2-8	\$791,700	B
	<i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout And Next To Pier 7 On West Side</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : HARLEM RIVER DRIVE RAMP BRIDGE H.D.R. NB (RAMP)/HARLEM RIVER DR  
 Address : 172ND ST, AMSTERDAM AVE  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : DOT0079.000 / 2509 Yr Built/Renovated : 1939 /  
 Area Sq Ft : 112,860 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 13-Jul-2011 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2267240

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$51,806,700	\$5,913,900
<b>Total</b>	<b>\$51,806,700</b>	<b>\$5,913,900</b>
Priority A	\$30,696,400	\$1,768,700
Priority B	\$19,776,700	\$2,092,100
Priority C	\$1,333,700	\$2,053,100
<b>Total</b>	<b>\$51,806,700</b>	<b>\$5,913,900</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$89,700		\$44,800	
<b>Total</b>	<b>\$89,700</b>		<b>\$44,800</b>	
Priority A	\$60,700		\$44,800	
Priority B	\$25,600			
Priority C	\$3,400			
<b>Total</b>	<b>\$89,700</b>		<b>\$44,800</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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
<b>Abutments</b>								
Backwall								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
<b>Joint with Deck</b>								
Generic	40%			LIFE		**		B
Generic	60%	Now	\$62,300	LIFE		**		B
<i>Corrosion, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Beginning Abutment</i>								
<i>Leakage, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Joint Is Paved Over For Entire Length. Observations As Per Nysdot Inspection Report</i>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : As Per Nysdot Inspection Report</i>								
<b>Stem (breastwall)</b>								
Concrete	50%			LIFE		**		B
Concrete	50%	2-4	\$209,900	LIFE		**		B
<i>Cracks, Extent : Severe, Area Affected : 55%</i>								
<i>Location : Random Per Biennial Inspection Report</i>								
<i>Efflorescence, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Light Scaling, Water Stains On Stem Wall Surface Per Biennial Inspection</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random Per Biennial Inspection</i>								
<i>Spalling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random Per Biennial Inspection</i>								
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							D
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		C
<b>Piles</b>								
Not Accessible	100%							D
<b>Walls</b>								
Concrete	100%	4+	\$179,000	LIFE		**		C
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 9 And 10 Left Curtain Wall Per Biennial Inspection</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 8, 9, 12 Thru 14 Curtain Wall Per Biennial Inspection</i>								
<b>Approaches</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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	80%			2024	\$317,900	4	\$10,200	C
Asphalt	20%	4+	\$39,700	2024	\$79,500	4	\$6,800	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 40%</i>								
<i>Location : At Beginning Approach</i>								
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Beginning Approach</i>								
Curbs								
Concrete	15%	4+	\$600	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Span 50</i>								
Concrete	85%			LIFE	**			A
Concrete w/ Steel Face	75%			LIFE	**			A
Concrete w/ Steel Face	25%	4+	\$400	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Guide Railing								
Concrete	40%			2032	**	4	\$7,700	A
Concrete	60%	0-2	\$33,500	2032	**	4	\$5,200	A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Heavily Spalled</i>								
Pavement Base								
Not Accessible	100%							D
Piers								
Cap Beam								
Concrete	80%			LIFE	**			A
Concrete	20%	4+	\$1,051,800	LIFE	**			A
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random</i>								
Concrete Encased Steel	85%			LIFE	**	5	\$38,100	A
Concrete Encased Steel	15%	4+	\$313,000	LIFE	**	5	\$38,100	A
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random</i>								
Pier,Columns								
Concrete	50%			LIFE	**			B
Concrete	35%	2-4	\$7,821,600	LIFE	**			B
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Concrete	15%	Now	\$5,586,900	LIFE	**			B
<i>Delaminations, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Spans 1 To 11</i>								
<i>Spalling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Spans 1 To 11</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	80%			LIFE	**			A
Earth	20%	2-4	\$53,100	LIFE	**			A
<i>Erosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Exposed Footing Area And Water Ponding Along Wall</i>								
Pedestals								
Concrete	80%			LIFE	**			B
Concrete	20%	4+	\$25,600	LIFE	**			B
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Spans 10-11, 14-15, 18-19, 21-24 Per Biennial Insp Report</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$160,000	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random On West Side</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random On West Side</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random On West Side</i>								
Median								
Concrete	80%			LIFE	**	5	\$22,600	A
Concrete	20%	4+	\$181,400	LIFE	**	5	\$22,600	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Steel	100%			LIFE	**	4-8	\$119,000	A
Railings/Parapets								
Concrete	80%			2032	**	4	\$70,600	A
Concrete	20%	0-2	\$262,300	2032	**	4	\$47,100	A
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
Sidewalks								
Concrete	70%			2028	**	5	\$80,400	C
Concrete	30%	2-4	\$412,000	2028	**	5	\$40,200	C
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Spalling, 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.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Asphalt	70%			2024	\$1,007,800	5	\$135,600	C
Asphalt	30%	4+	\$86,400	2024	\$431,900	5	\$67,800	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Explanation : Rutting</i>								
Superstructure								
Deck,Structural								
Concrete	25%			LIFE	**	5	\$124,200	A
Concrete	75%	2-4	\$13,140,900	LIFE	**	5	\$124,200	A
<i>Broken,Missing Pave, Extent : Light, Area Affected : 10%</i>								
<i>Location : Span 17, Mid-span, Right Of S1 And Directly Under Roadway Span 19 Thru 2, 22 Thru 24</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Span 19 Thru 2, 22 Thru 24</i>								
<i>Loss of Section, Extent : Light, Area Affected : 10%</i>								
<i>Location : Span 17, Netting Is Overloaded Due To Fallen Conc. Chunk</i>								
<i>Spalling, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Span 19 Thru 2, 22 Thru 24</i>								
Joints								
Generic	25%			LIFE	**			C
Generic	75%	Now	\$508,600	LIFE	**			C
<i>Leakage, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Most Of The Joints</i>								
<i>Other Observation, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Most Of The Joints</i>								
<i>Explanation : Paved Over</i>								
Primary Member								
Concrete	60%			LIFE	**	5	\$464,500	A
Concrete	40%	2-4	\$9,905,600	LIFE	**	5	\$464,500	A
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Various, Throughout Arches</i>								
<i>Spalling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Various, Throughout Arches</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Explanation : Vegetation Growth</i>								
Steel	75%			LIFE	**	2-8	\$417,300	A
Steel	25%	4+	\$5,628,300	LIFE	**	2-8	\$417,300	A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Section Loss At Various Locations In Span 11 To 24 Per Biennial Insp Report</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stringer S3 In Span 19, Stringer S1 In Span 17, Floor Beam In Span 14 Span 19 Thru 2, 22 Thru 24 Per Biennial Insp Report</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**  
**HARLEM RIVER DRIVE RAMP BRIDGE H.D.R. NB (RAMP)/HARLEM RIVER DR**  
**Asset # : 2509**

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								
Concrete	75%			LIFE	**	5	\$1,046,100	B
Concrete	25%	4+	\$6,095,900	LIFE	**	5	\$1,046,100	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST  
**Address** : W. 72ST TO W. 79ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0009.000 / 2444 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 232,394 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 11-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2229289

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$64,998,800	\$22,802,900
<b>Total</b>	<b>\$64,998,800</b>	<b>\$22,802,900</b>
Priority A	\$49,598,000	\$13,409,800
Priority B	\$15,102,000	\$6,516,500
Priority C	\$298,800	\$2,876,600
<b>Total</b>	<b>\$64,998,800</b>	<b>\$22,802,900</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$104,400		\$1,694,400	
<b>Total</b>	<b>\$104,400</b>		<b>\$1,694,400</b>	
Priority A	\$68,600		\$1,040,900	
Priority B			\$653,500	
Priority C	\$35,900			
<b>Total</b>	<b>\$104,400</b>		<b>\$1,694,400</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**  
**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	
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Abutment</i>								
<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>								
<hr/>								
Backwall Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Abutment</i>								
<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>								
<hr/>								
Brngs,Ancr Blts,Pads Steel	75%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report.</i>								
Steel	25%	4+	\$157,800	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report</i>								
<hr/>								
Footings Not Accessible	100%							D
<hr/>								
Mat (scour & erosion) Earth	100%			LIFE	**			B
<hr/>								
Stem (breastwall) Not Accessible	100%							D
<hr/>								
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	75%			2024	\$462,400	4	\$15,100	C
Asphalt	25%	2-4	\$30,800	2024	\$154,100	4	\$10,100	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Explanation : Wearing, Rutting</i>								
Concrete	100%			2032	**	4		C
<hr/>								
<b>Curbs</b>								
Concrete	100%			LIFE	**			A
Granite	100%			LIFE	**			A
<hr/>								
<b>Embankment</b>								
Earth	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Northwest Corner</i>								
<i>Explanation : Embankment At Northwest Corner</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**  
**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	
Approaches								
Guide Railing								
Concrete	80%			2032	**	4	\$8,600	A
Concrete	20%	4+	\$4,300	2032	**	4	\$5,700	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Explanation : Scaling, Spalls With Exposed Rebars</i>								
Steel	100%			LIFE	**	2-8	\$5,800	A
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Piers								
Cap Beam								
Steel	90%			LIFE	**	2-8	\$6,678,500	A
<i>Other Observation, Extent : Light, Area Affected : 95%</i>								
<i>Location : Spans 8-145</i>								
<i>Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report</i>								
Steel	10%	4+	\$1,781,300	LIFE	**	2-8	\$6,678,500	A
<i>Loss of Section, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random</i>								
<i>Rust Stains, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 95%</i>								
<i>Location : Spans 8-145</i>								
<i>Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report</i>								
Pier,Columns								
Steel	90%			LIFE	**	2-8	\$2,758,500	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; Observation Was Based On Nysdot Inspection Report</i>								
Steel	10%	4+	\$1,979,200	LIFE	**	2-8	\$2,758,500	B
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Pack Rust Between Column Members</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 8-145</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report</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**  
**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	
Piers								
Stem,Solid Pier Concrete	60%			LIFE		* *		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; Observation Was Based On Nysdot Inspection Report</i>								
Concrete	40%	4+	\$10,015,000	LIFE		* *		B
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Severe, Area Affected : 95%</i>								
<i>Location : Spans 8-145</i>								
<i>Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report</i>								
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+	\$240,500	LIFE		* *		B
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 95%</i>								
<i>Location : Spans 8-145</i>								
<i>Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report</i>								
Steel	95%			LIFE		* *		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	5%	4+	\$1,199,000	LIFE		* *		B
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 95%</i>								
<i>Location : Spans 8-145</i>								
<i>Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report</i>								

## 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Gratings								
Steel	60%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Explanation : Area Repaired With Wood</i>								
Steel	40%	0-2	\$2,900	LIFE	**			A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Explanation : Clogged Condition</i>								
Median								
Concrete	90%			LIFE	**	5	\$51,300	A
Concrete	10%	2-4	\$83,300	LIFE	**	5	\$51,300	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location :</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
Steel Grating	90%			LIFE	**	4-8	\$84,000	A
Steel Grating	10%	0-2	\$16,400	LIFE	**	4-8	\$84,000	A
<i>Loose Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
Railings/Parapets								
Concrete	80%			2032	**	4	\$126,500	A
Concrete	20%	2-4	\$327,000	2032	**	4	\$84,400	A
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
Wearing Surface								
Asphalt	90%			2024	\$1,865,600	5	\$187,200	C
Asphalt	10%	4+	\$41,500	2024	\$207,300	5	\$93,600	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Explanation : Wearing, Rutting</i>								

## 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural Concrete	85%			LIFE	**	5	\$255,800	A
	<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>							
Concrete	15%	4+	\$77,200	LIFE	**	5	\$255,800	A
	<i>Cracks, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
	<i>Corrosion, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Minor Corrosion To Sip Forms At Southern Spans</i>							
	<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
	<i>Other Observation, Extent : Light, Area Affected : 90%</i>							
	<i>Location : Spans 8-145</i>							
	<i>Explanation : Spans Over Railroad Tracks Were Not Accessible; Observation Was Based On Nysdot Inspection Report</i>							
Joints								
Generic	75%			LIFE	**			C
Generic	25%	0-2	\$163,700	LIFE	**			C
	<i>Broken/Missing Element, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Random</i>							
	<i>Explanation : Joints Are Paved Over With Asphalt</i>							
Primary Member								
Concrete Encased Steel	85%			LIFE	**	5	\$1,171,000	A
	<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>							
Concrete Encased Steel	15%	4+	\$3,143,400	LIFE	**	5	\$1,171,000	A
	<i>Cracks, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Random</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
Steel	90%			LIFE	**	2-8	\$4,296,200	A
	<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+	\$44,028,000	LIFE	**	2-8	\$4,296,200	A
	<i>Loss of Section, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
	<i>Rust Stains, Extent : Moderate, Area Affected : 20%</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**  
**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	\$3,598,900	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+	\$1,668,400	LIFE	* *	2-8	\$3,598,900	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST  
 Address : HENRY HUDSON PKWY AT W. 158TH ST  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : DOT0011.090 / 2820 Yr Built/Renovated : 1939 /  
 Area Sq Ft : 140,000 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 17-Dec-2012 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2229349

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$8,996,200	\$6,041,200
<b>Total</b>	<b>\$8,996,200</b>	<b>\$6,041,200</b>
Priority A	\$8,101,600	\$3,503,400
Priority B	\$601,700	\$1,685,000
Priority C	\$292,900	\$852,800
<b>Total</b>	<b>\$8,996,200</b>	<b>\$6,041,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$34,900	\$1,400	\$505,400	
<b>Total</b>	<b>\$34,900</b>	<b>\$1,400</b>	<b>\$505,400</b>	
Priority A		\$1,400	\$336,400	
Priority B			\$169,000	
Priority C	\$34,900			
<b>Total</b>	<b>\$34,900</b>	<b>\$1,400</b>	<b>\$505,400</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**  
**HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST**  
**Asset # : 2820**

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 Concrete	100%			LIFE	**			A
Backwall Concrete	100%	4+	\$17,500	LIFE	**			C
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : South Abutment</i>					
			<i>Leakage, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout, Due To Leakage Above</i>					
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**			A
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Begin And End Abutment</i>					
			<i>Explanation : Begin And End Abutment Not Accessible</i>					
Footings Not Accessible	100%							D
Joint with Deck Generic	100%	0-2	\$77,800	LIFE	**			B
			<i>Loose Joint Plates, Extent : Moderate, Area Affected : 90%</i>					
			<i>Location : South End</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : South End And North Abutment</i>					
			<i>Explanation : Uneven Surface Of Expansion Joint Cover Observed At South End. Also, North Abutment Not Accessible</i>					
Mat (scour & erosion) Earth	100%			LIFE	**			B
Pedestals Concrete	100%			LIFE	**			A
Stem (breastwall) Concrete	100%	4+	\$83,400	LIFE	**			B
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Both Abutments</i>					
			<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Water Seepage</i>					
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**  
**HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST**  
**Asset # : 2820**

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%	4+	\$50,800	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Wingwalls At Both Abutments</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Wingwall West Face</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : South Wingwall West Face</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout All Wingwalls</i>								
<i>Explanation : Missing Mortar Between And Underneath Granite Coping Stones</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$10,500	2025	\$526,100	4	\$9,800	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Both Approaches</i>								
Concrete	100%	4+	\$6,800	2033	**	4	\$15,700	C
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : South End Approach</i>								
Embankment								
Generic	100%			LIFE	**			C
Guide Railing								
Concrete	100%			2033	**	4	\$4,300	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : End Approach</i>								
<i>Explanation : Concrete Barrier</i>								
Steel	100%			LIFE	**	2-8	\$4,400	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Begin Approach Left Side</i>								
<i>Explanation : Steel Guide Rail And Concrete Barrier</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Piers								
Cap Beam								
Steel	100%	4+	\$312,500	LIFE	**	2-8	\$1,336,400	A
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Ends Of Cap Beam Cantilevers</i>								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$861,700	B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$8,700	A
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**  
**HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST**  
**Asset # : 2820**

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	
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$32,000	A
Railings/Parapets								
Concrete	100%	4+	\$93,100	2033	**	4	\$54,800	A
			<i>Corrosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations</i>					
			<i>Loss of Section, Extent : Light, Area Affected : 2%</i>					
			<i>Location : East And West Fascia At Bottom Lightpole Blisters And Joints</i>					
Wearing Surface								
Concrete	100%	4+	\$168,300	2033	**	5	\$326,700	C
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout</i>					
Scupper								
Cast Iron	100%			LIFE	**			C
			<i>Broken/Missing Element, Extent : Light, Area Affected : 2%</i>					
			<i>Location : South Abutment West Side</i>					
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$4,504,800	LIFE	**	5	\$154,100	A
			<i>Cracks, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Exposed Rebar With Light Corrosion</i>					
Joints								
Generic	100%	4+	\$73,800	LIFE	**			C
			<i>Broken/Missing Element, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations</i>					
			<i>Leakage, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations</i>					
Primary Member								
Steel	5%	4+	\$3,191,200	LIFE	**	2-8	\$2,588,100	A
			<i>Corrosion, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Deteriorated Area More Severe Adjacent To Deck Joints</i>					
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Throughout At Isolated Column Locations</i>					
			<i>Explanation : Bird Nesting</i>					
Steel	95%			LIFE	**	2-8	\$2,588,100	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**  
**HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST**  
**Asset # : 2820**

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	Priority Code
Superstructure Secondary Member Steel	100%	4+	\$440,500	LIFE	**	2-8	\$2,168,100	B
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<i>Loss of Section, Extent : Light, Area Affected : 5%</i>								
<i>Location : Loss Of Sections At End Of Overhang Brackets</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE  
 Address : AMTRAK, 94TH-98TH ST  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : DOT0080.000 / 2510 Yr Built/Renovated : 1936 /  
 Area Sq Ft : 60,258 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 07-Jan-2013 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2267250

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$135,400	\$428,700
<b>Total</b>	<b>\$135,400</b>	<b>\$428,700</b>
Priority A	\$93,100	\$132,600
Priority C	\$42,200	\$296,000
<b>Total</b>	<b>\$135,400</b>	<b>\$428,700</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$83,600		\$400	\$1,400
<b>Total</b>	<b>\$83,600</b>		<b>\$400</b>	<b>\$1,400</b>
Priority A	\$49,000		\$400	
Priority B	\$8,200			
Priority C	\$26,400			\$1,400
<b>Total</b>	<b>\$83,600</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**  
**HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE**  
**Asset # : 2510**

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 Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : No Access To Tracks</i>								
Backwall								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : No Access To Tracks</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : No Access To Tracks</i>								
Footings								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : No Access To Tracks</i>								
Joint with Deck								
Generic	100%	4+	\$8,200	LIFE		* *		B
<i>Broken/Missing Element, Extent : Light, Area Affected : 5%</i>								
<i>Location : Begin Approach</i>								
Mat (scour & erosion)								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : No Access To Tracks</i>								
Pedestals								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : No Access To Tracks</i>								
Stem (breastwall)								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : No Access To Tracks</i>								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
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**  
**HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE**  
**Asset # : 2510**

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								
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	100%	2-4	\$14,800	2025	\$296,000	4	\$4,800	C
			<i>Cracks, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Both Approaches</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Both Approaches</i>					
Concrete	100%	2-4	\$42,200	2033	**	4	\$33,900	C
			<i>Cracks, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete	100%			LIFE	**			A
Embankment								
Generic	100%			LIFE	**			C
Guide Railing								
Concrete	100%	4+	\$1,600	2033	**	4	\$1,700	A
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both Approaches</i>					
Steel	100%	4+	\$6,000	LIFE	**	2-8	\$5,800	A
			<i>Broken/Missing Element, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Begin Approach</i>					
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Piers								
Cap Beam								
Not Accessible	100%							D
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location :</i>					
			<i>Explanation : No Access To Tracks</i>					
Pier,Columns								
Not Accessible	100%							D
Stem,Solid Pier								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location :</i>					
			<i>Explanation : No Access To Tracks</i>					
Footings								
Not Accessible	100%							D
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location :</i>					
			<i>Explanation : No Access To Tracks</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**  
**HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE**  
**Asset # : 2510**

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	Priority Code
Piers								
Mat (scour & erosion) Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							
Pedestals								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete	5%	4+	\$56,200	2044		**		A
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : East Side</i>							
Concrete	95%			2044		**		A
Gratings								
Steel	100%			LIFE		**		A
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Spans 1 And 3</i>							
	<i>Explanation : Rusted Areas; The Gratings Cover The Air Vents. Vents In Span 3 Are Good</i>							
Guide Railing								
Concrete	100%	4+	\$36,900	2037		**		A
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : West Side</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : West Side</i>							
Railings/Parapets								
Steel	100%	4+	\$11,500	LIFE		**	2-8	\$7,600 A
	<i>Corrosion, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout East Side</i>							
	<i>Damaged Railing, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout East Side</i>							
	<i>Rust Stains, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout East Side</i>							
Stone Rough Work	100%	4+	\$7,800	LIFE		**	5	\$2,100 A
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : East Side, Spans 1 Thru 6</i>							
	<i>Explanation : Missing/ Loose Mortar In Joints</i>							
Sidewalks								
Concrete	100%			2029		**	5	\$2,700 C
Scupper								
Ductile Iron	100%			LIFE		**		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**  
**HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE**  
**Asset # : 2510**

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	Priority Code
Superstructure								
Deck,Structural Concrete	10%	4+	\$22,100	LIFE	* *	5	\$66,300	A
	<i>Cracks, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : On Top Surface</i>							
	<i>Spalling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
Concrete	90%			LIFE	* *	5	\$66,300	A
Joints								
Generic	100%	4+	\$11,600	LIFE	* *			C
	<i>Broken/Missing Element, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
Primary Member								
Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							
Secondary Member								
Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</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.

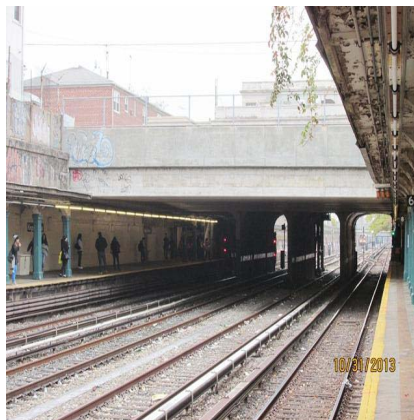
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : **HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE**  
**Address** : **HIGHLAWN AVE AND 8TH STREET**  
**Borough** : **BROOKLYN**                      **Agency's Number** : **N/A**  
**Program / Asset #** : **DOT0172.000 / 13597**                      **Yr Built/Renovated** : **1997 /**  
**Area Sq Ft** : **11,300**                      **Project Type** : **HIGHWAY BRIDGES**  
**Date of Survey** : **31-Oct-2013**                      **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : **2243780**

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$188,100	
<b>Total</b>	<b>\$188,100</b>	
Priority A	\$139,600	
Priority C	\$48,500	
<b>Total</b>	<b>\$188,100</b>	

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$73,300		\$3,800	
<b>Total</b>	<b>\$73,300</b>		<b>\$3,800</b>	
Priority A	\$25,700		\$500	
Priority B	\$20,900			
Priority C	\$26,800		\$3,300	
<b>Total</b>	<b>\$73,300</b>		<b>\$3,800</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**  
**HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE**

**Asset # : 13597**

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									
Not Accessible	100%							D	
Backwall									
Not Accessible	100%							D	
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
		<i>Location : Both Abutments</i>							
		<i>Explanation : Abutment Is Behind The Station Platform Wall</i>							
Brngs,Ancr Blts,Pads									
Elastomeric	100%			2051		* *		A	
Footings									
Not Accessible	100%							D	
Mat (scour & erosion)									
Earth	100%			LIFE		* *		B	
Stem (breastwall)									
Concrete	20%	4+	\$20,900	LIFE		* *		B	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>							
		<i>Location : Both Abutments</i>							
		<i>Leakage, Extent : Light, Area Affected : 10%</i>							
		<i>Location : Both Abutments</i>							
		<i>Spalling, Extent : Light, Area Affected : 1%</i>							
		<i>Location : At East Abutment</i>							
Concrete	80%			LIFE		* *		B	
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%	2-4	\$48,500	2026		* *	4	\$6,700	C
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>							
		<i>Location : Random Locations Throughout</i>							
Concrete	100%	4+	\$1,800	2034		* *	4	\$6,000	C
		<i>Cracks, Extent : Light, Area Affected : 5%</i>							
		<i>Location : Random Locations Throughout</i>							
Curbs									
Concrete w/ Steel Face	100%			LIFE		* *		A	
Sidewalks									
Concrete	100%	4+	\$6,800	LIFE		* *		C	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>							
		<i>Location : Random Locations Throughout</i>							
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**  
**HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE**

**Asset # : 13597**

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	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Mono Deck Surface								
Concrete	100%	4+	\$5,300	2051	**	5	\$16,900	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2038	**	4	\$900	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Fascia</i>								
<i>Explanation : Station Building At South Fascia Does Not Have A Parapet</i>								
Steel	100%			LIFE	**	2-8	\$2,100	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Fascia</i>								
<i>Explanation : Steel Screen Wall On Top Of Concrete Parapet</i>								
Sidewalks								
Concrete	100%			2033	**	5	\$6,600	C
Superstructure								
Deck, Structural								
Concrete	80%			LIFE	**	5	\$24,900	A
Concrete	20%			LIFE	**	5	\$24,900	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Third Main Span From West Side</i>								
<i>Explanation : Composite Deck Type Structure, Full Span</i>								
Joints								
Generic	100%	0-2	\$12,800	LIFE	**			C
<i>Leakage, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At East Abutment South Side And West Abutment South Side</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Along The South Side Of The Deck</i>								
<i>Explanation : Expansion Joint Between Subway Station And Bridge Deck</i>								
Primary Member								
Prestressed Concrete Box Beam	100%	4+	\$139,600	LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Fascia</i>								
<i>Explanation : Cracks On Fascia Beam</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK  
**Address** : HUNTS POINT AVE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0183.000 / 13717 **Yr Built/Renovated** : 1908 / 1992  
**Area Sq Ft** : 13,700 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2241190

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure		\$367,900
<b>Total</b>		<b>\$367,900</b>
Priority A		\$135,600
Priority B		\$135,600
Priority C		\$96,700
<b>Total</b>		<b>\$367,900</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$70,100	\$6,500	\$27,400	
<b>Total</b>	<b>\$70,100</b>	<b>\$6,500</b>	<b>\$27,400</b>	
Priority A	\$4,000		\$13,800	
Priority B			\$13,600	
Priority C	\$66,000	\$6,500		
<b>Total</b>	<b>\$70,100</b>	<b>\$6,500</b>	<b>\$27,400</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**  
**HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK**  
**Asset # : 13717**

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	
<b>Abutments</b>								
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
			<i>Loose Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE			* *	C
Piles								
Not Accessible	100%							D
Walls								
Concrete	10%	4+	\$21,800	LIFE			* *	C
			<i>Cracks, Extent : Light, Area Affected : 30%</i>					
			<i>Location : More Severe At Southeast Wingwall</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Southeast And Southwest Wingwalls</i>					
			<i>Explanation : Northeast And Northwest Wingwalls Not Accessible ( Buildings)</i>					
Concrete	90%			LIFE			* *	C
<b>Approaches</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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	80%			2025	\$77,400	4	\$4,000	C
Asphalt	20%	4+	\$5,800	2025	\$19,300	4	\$2,700	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 50%</i>								
<i>Location : Begin Approach</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Approaches</i>								
<i>Explanation : Consists Of 75 Percent Asphalt And 25 Percent Concrete</i>								
Concrete	80%			2033	**	4	\$15,400	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
Concrete	20%	2-4	\$12,000	2033	**	4	\$10,300	C
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Adjacent To Joints</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Steel	100%			LIFE	**	2-8	\$2,300	A
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : South Side Of Bridge</i>								
<i>Explanation : Steel Guide Railing On One Side Of The Bridge Only</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%	4+	\$12,800	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Mono Deck Surface								
Concrete	100%	4+	\$3,500	2044	**	5	\$28,100	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered 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**  
**HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK**  
**Asset # : 13717**

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	
Deck Elements								
Railings/Parapets								
Concrete	100%			2033	**	4		A
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Concrete With Corrugated Steel Sheeting On South Side. No Parapets Due To Building On North Side.</i>								
Steel	100%	4+	\$4,000	LIFE	**	2-8	\$4,600	A
<i>Damaged Railing, Extent : Light, Area Affected : 1%</i>								
<i>Location : South Parapet</i>								
Sidewalks								
Concrete	100%	4+	\$10,000	2029	**	5	\$2,900	C
<i>Broken/Missing Element, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Sidewalk</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Scattered Throughout</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$15,100	A
Primary Member								
Steel	100%			LIFE	**	2-8	\$253,300	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$212,200	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : HUTCHINSON RIVER PARKWAY BRIDGE  
**Address** : HUTCHINSON RIVER PARKWAY  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0159.000 / 13567 **Yr Built/Renovated** : 1940 /  
**Area Sq Ft** : 15,444 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 29-Oct-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2241959

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$438,100	\$344,100
<b>Total</b>	<b>\$438,100</b>	<b>\$344,100</b>
Priority A	\$399,700	\$305,700
Priority C	\$38,400	\$38,400
<b>Total</b>	<b>\$438,100</b>	<b>\$344,100</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$157,900		\$71,600	
<b>Total</b>	<b>\$157,900</b>		<b>\$71,600</b>	
Priority A	\$101,900		\$33,400	
Priority C	\$56,000		\$38,100	
<b>Total</b>	<b>\$157,900</b>		<b>\$71,600</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**  
**HUTCHINSON RIVER PARKWAY BRIDGE**  
**Asset # : 13567**

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								
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	4%	4+	\$30,400	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Joints Missing, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Vegetation Growth, Extent : Light, Area Affected : 30%</i> <i>Location : North Abutment West Face</i>								
Concrete	96%			LIFE	**			C
Approaches								
Pavement								
Asphalt	100%			2026	**	4	\$25,300	C
Concrete	100%			2034	**	4	\$51,000	C
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Steel	100%	4+	\$12,200	LIFE	**	2-8	\$51,300	A
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : South Approach East Face</i> <i>Explanation : Impact Damage</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**  
**HUTCHINSON RIVER PARKWAY BRIDGE**  
**Asset # : 13567**

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	
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		A
Railings/Parapets								
Masonry	60%	4+	\$8,300	2034		* *		A
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Missing/ Eroded Joint Mortar And Misaligned Coping Stones</i>							
Masonry	40%			2034		* *		A
Sidewalks								
Concrete	30%	4+	\$25,600	LIFE		* *		C
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Dirt Accumulation</i>							
Concrete	70%			LIFE		* *		C
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : At South Side</i>							
	<i>Explanation : Only One Side Of The Bridge Has Curbs</i>							
Guide Railing								
Steel	100%			LIFE		* *		A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : At South Side</i>							
	<i>Explanation : Only One Side Of The Bridge Has Guide Railings</i>							
Median								
Concrete	100%			LIFE		* *	5	\$3,500 A
Railings/Parapets								
Concrete	100%			2034		* *	4	\$2,400 A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : At North Side</i>							
	<i>Explanation : One Side Of The Bridge Has Concrete Parapets</i>							
Steel	100%	4+	\$11,600	LIFE		* *	2-8	\$6,700 A
	<i>Corrosion, Extent : Light, Area Affected : 60%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : North Side</i>							
	<i>Explanation : One Side Of The Bridge Has Steel Parapets</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**  
**HUTCHINSON RIVER PARKWAY BRIDGE**  
**Asset # : 13567**

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	
Deck Elements								
Sidewalks								
Concrete	100%			2030	**	5	\$2,700	C
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Dirt Accumulation</i>								
Wearing Surface								
Concrete	100%			2034	**	5	\$76,800	C
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$34,000	A
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stay In Place Forms - Good Condition</i>								
Primary Member								
Steel	90%			LIFE	**	2-8	\$489,400	A
Steel	10%	4+	\$246,900	LIFE	**	2-8	\$285,500	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK  
**Address** : LAFAYETTE AVE.  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0181.000 / 13715 **Yr Built/Renovated** : 1906 /  
**Area Sq Ft** : 12,000 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2241169

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure		\$545,200
<b>Total</b>		<b>\$545,200</b>
Priority A		\$118,800
Priority B		\$118,800
Priority C		\$307,600
<b>Total</b>		<b>\$545,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$49,400		\$24,200	
<b>Total</b>	<b>\$49,400</b>		<b>\$24,200</b>	
Priority A	\$10,100		\$12,300	
Priority B			\$11,900	
Priority C	\$39,300			
<b>Total</b>	<b>\$49,400</b>		<b>\$24,200</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**  
**LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK**

**Asset # : 13715**

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	Priority Code
<b>Abutments</b>								
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
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location :</i>					
			<i>Explanation : No Access To The Tracks</i>					
Walls								
Not Accessible	100%							D
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location :</i>					
			<i>Explanation : No Access To The Tracks</i>					
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$15,400	2025	\$307,600	4	\$6,700	C
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Settlement, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Both Approaches</i>					
			<i>Explanation : Consists Of 50 Percent Asphalt And 50 Percent Concrete</i>					
Concrete	100%	4+	\$9,600	2033	**	4	\$25,700	C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both Approaches</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		A
			<i>Corrosion, Extent : Light, Area Affected : 10%</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**  
**LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK**  
**Asset # : 13715**

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	
Approaches								
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Steel	100%	4+	\$2,200	LIFE	**	2-8	\$5,800	A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%			LIFE	**			C
Deck Elements								
Guide Railing								
Concrete	100%			2037	**			A
Median								
Concrete	100%			LIFE	**	5	\$2,800	A
Mono Deck Surface								
Concrete	100%	4+	\$5,400	2044	**	5	\$33,400	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Railings/Parapets								
Concrete	100%	4+	\$7,900	2033	**	4	\$5,400	A
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : North Parapet</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Parapets Are Concrete With Corrugated Metal Sheetings</i>								
Steel	100%			LIFE	**	2-8	\$5,400	A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$9,000	2029	**	5	\$5,000	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							D
Primary Member								
Steel	100%			LIFE	**	2-8	\$221,800	A
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$185,800	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE  
 Address : ATLANTIC AVE,EASTERN-GEORGIA  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : DOT0065.000 / 2490 Yr Built/Renovated : 1942 /  
 Area Sq Ft : 135,162 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 25-Jul-2011 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2243569

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$4,381,600	\$4,203,600
<b>Total</b>	<b>\$4,381,600</b>	<b>\$4,203,600</b>
Priority A	\$1,869,300	\$1,666,800
Priority B	\$429,900	\$1,425,700
Priority C	\$2,082,400	\$1,111,200
<b>Total</b>	<b>\$4,381,600</b>	<b>\$4,203,600</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$9,000		\$280,300	
<b>Total</b>	<b>\$9,000</b>		<b>\$280,300</b>	
Priority A			\$137,300	
Priority B			\$143,000	
Priority C	\$9,000			
<b>Total</b>	<b>\$9,000</b>		<b>\$280,300</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 BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE**  
**Asset # : 2490**

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	Priority Code
<b>Abutments</b>								
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	\$100,800	LIFE		* *		B
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : At Both Abutments</i>								
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%	4+	\$2,500	LIFE		* *		C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE		* *		C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Has Brownstone/sandstone Facade</i>								
<b>Approaches</b>								
Pavement								
Asphalt	50%			2024	\$394,800	4	\$19,300	C
Asphalt	50%	4+	\$118,500	2024	\$394,800	4	\$12,900	C
<i>Settlement, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random</i>								
Curbs								
Concrete	100%			LIFE		* *		A
Concrete w/ Steel Face	100%			LIFE		* *		A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Piers								
Pier,Columns Steel	95%			LIFE	**	2-8	\$126,500	B
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Peeling Paint And Minor Pitting</i>							
Steel	5%	4+	\$136,200	LIFE	**	2-8	\$126,500	B
	<i>Corrosion, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : Random</i>							
	<i>Loss of Section, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : Random</i>							
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$72,800	A
Footings Not Accessible	100%							D
Mat (scour & erosion) Generic	100%			LIFE	**			A
Pedestals Concrete	100%	4+	\$193,000	LIFE	**			B
	<i>Cracks, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : At Base Of Columns</i>							
Deck Elements								
Gratings Steel	100%			LIFE	**			A
Median Concrete	100%	4+	\$463,200	LIFE	**	5	\$18,900	A
	<i>Cracks, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random</i>							
Railings/Parapets Concrete	100%	4+	\$675,500	2032	**	4	\$69,700	A
	<i>Cracks, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
Wearing Surface Concrete	100%	4+	\$1,889,600	2032	**	5	\$321,500	C
	<i>Spalling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : West End</i>							
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location :</i>							
	<i>Explanation : Normal Wearing</i>							
Superstructure								
Deck,Structural Concrete	80%			LIFE	**	5	\$148,800	A
Concrete	20%	4+	\$730,600	LIFE	**	5	\$148,800	A
	<i>Cracks, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Cracks With Efflorescence</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**  
**LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE**  
**Asset # : 2490**

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	Priority Code
Superstructure								
Joints								
Generic	100%	4+	\$74,400	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	\$2,498,700	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	\$2,093,200	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/AMTRAK & LIRR YARD  
**Address** : 39TH ST SO, NORTHERN-SKILLMAN  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0074.000 / 2498 **Yr Built/Renovated** : 1911 /  
**Area Sq Ft** : 32,550 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 25-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247640

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$221,100	\$408,000
<b>Total</b>	<b>\$221,100</b>	<b>\$408,000</b>
Priority C	\$221,100	\$408,000
<b>Total</b>	<b>\$221,100</b>	<b>\$408,000</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$36,400		\$3,400	
<b>Total</b>	<b>\$36,400</b>		<b>\$3,400</b>	
Priority A	\$30,200		\$1,100	
Priority C	\$6,300		\$2,400	
<b>Total</b>	<b>\$36,400</b>		<b>\$3,400</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 39 ST(SOUTH)/AMTRAK & LIRR YARD**

**Asset # : 2498**

<b>Bridge Structure</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>	
<b>Abutments</b>								
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
				<i>Leakage, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Both Abutments</i>				
				<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>				
				<i>Location : Random</i>				
Mat (scour & erosion)								
Riprap	100%			LIFE		**		B
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Riprap	100%			LIFE		**		C
Walls								
Concrete	100%			LIFE		**		C
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$40,800	2024	\$408,000	4	\$9,600	C
				<i>Cracks, Extent : Moderate, Area Affected : 20%</i>				
				<i>Location : Random</i>				
Concrete	100%	4+	\$106,000	2032	**	4	\$36,700	C
				<i>Cracks, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Random</i>				
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,500	LIFE	**			A
				<i>Corrosion, Extent : Severe, Area Affected : 40%</i>				
				<i>Location : Throughout</i>				
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		Priority Code
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
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random</i>						
		<i>Other Observation, Extent : Light, Area Affected : 80%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Peeling Paint</i>						
Steel	100%			LIFE	**	2-8	\$9,900	A
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%	4+	\$5,100	LIFE	**			C
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random</i>						
		<i>Vegetation Growth, Extent : Severe, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
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+	\$25,700	LIFE	**			A
		<i>Corrosion, Extent : Severe, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
Mono Deck Surface								
Concrete	80%			2043	**	5	\$4,800	C
Concrete	20%	4+	\$1,200	2043	**	5	\$2,400	C
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Transverse Cracks 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**  
**LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/AMTRAK & LIRR YARD**

**Asset # : 2498**

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	
Deck Elements								
Railings/Parapets								
Concrete	100%			2032	**	4		A
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 80%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Peeling Paint And Graffiti</i>							
Steel	100%			LIFE	**	2-8	\$22,300	A
Sidewalks								
Concrete	100%	4+	\$74,300	2028	**	5	\$10,800	C
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random</i>							
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : At Interface With Curb</i>							
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Joints								
Generic	100%			LIFE	**			C
	<i>Leakage, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Both Abutments</i>							
	<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS  
**Address** : 39TH ST NO, NORTHERN-SKILLMAN  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0073.000 / 2497 **Yr Built/Renovated** : 1910 /  
**Area Sq Ft** : 45,446 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 25-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247330

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$847,700	\$1,823,000
<b>Total</b>	<b>\$847,700</b>	<b>\$1,823,000</b>
Priority A	\$78,200	\$22,300
Priority C	\$769,500	\$1,800,700
<b>Total</b>	<b>\$847,700</b>	<b>\$1,823,000</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$15,100		\$2,900	
<b>Total</b>	<b>\$15,100</b>		<b>\$2,900</b>	
Priority A	\$15,100		\$2,900	
Priority C				
<b>Total</b>	<b>\$15,100</b>		<b>\$2,900</b>	



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

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

\*\* 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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
			<i>Leakage, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Both Abutments</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random</i>					
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+	\$136,400	2024	\$1,363,900	4	\$19,200	C
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Joint At South Abutment</i>					
Concrete	100%	4+	\$89,100	2032		**	\$30,800	C
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random</i>					
Curbs								
Concrete w/ Steel Face	100%	4+	\$3,600	LIFE		**		A
			<i>Corrosion, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : Throughout</i>					
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Guide Railing								
Concrete	100%			2032	**	4		A
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random</i>							
	<i>Other Observation, Extent : Light, Area Affected : 80%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Peeling Paint</i>							
Steel	100%			LIFE	**	2-8	\$19,800	A
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Riprap	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%	4+	\$72,900	LIFE	**			C
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random</i>							
	<i>Vegetation Growth, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : In Sidewalk At Southwest Approach</i>							
	<i>Explanation : Water Main With Missing Cover</i>							
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+	\$78,200	LIFE	**			A
	<i>Corrosion, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
Mono Deck Surface								
Concrete	20%	4+	\$54,400	2043	**	5	\$218,400	C
	<i>Cracks, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Transverse Cracks</i>							
Concrete	80%			2043	**	5	\$436,800	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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets								
Concrete	100%			2032	* *	4	\$34,600	A
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 80%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Peeling Paint And Graffiti</i>						
Steel	100%			LIFE	* *	2-8	\$68,000	A
Sidewalks								
Concrete	100%	4+	\$198,400	2028	* *	5	\$28,800	C
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random</i>						
		<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>						
		<i>Location : At Interface With Curb</i>						
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Joints								
Generic	100%			LIFE	* *			C
		<i>Leakage, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Both Abutments</i>						
		<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random</i>						
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK & LIRR YARD  
**Address** : HONEYWELL,NORTHERN-SKILLMAN AV  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0072.000 / 2496 **Yr Built/Renovated** : 1910 / 2006  
**Area Sq Ft** : 104,561 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247320

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$109,300	\$22,000
<b>Total</b>	<b>\$109,300</b>	<b>\$22,000</b>
Priority A	\$22,000	\$22,000
Priority C	\$87,300	
<b>Total</b>	<b>\$109,300</b>	<b>\$22,000</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$40,700		\$2,400	
<b>Total</b>	<b>\$40,700</b>		<b>\$2,400</b>	
Priority A	\$20,100		\$2,400	
Priority C	\$20,600			
<b>Total</b>	<b>\$40,700</b>		<b>\$2,400</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 HONEYWELL ST/AMTRAK & LIRR YARD**

**Asset # : 2496**

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									
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+	\$20,600	2026		* *	4	\$16,300	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
<i>Settlement, Extent : Light, Area Affected : 5%</i>									
<i>Location : Throughout</i>									
Curbs									
Concrete w/ Steel Face	100%			LIFE		* *		A	
Embankment									
Earth	100%			LIFE		* *		C	
Mat (scour & erosion)									
Earth	100%			LIFE		* *		A	
Sidewalks									
Concrete	100%			LIFE		* *		C	
Piers									
Cap Beam									
Not Accessible	100%							D	
Pier,Columns									
Not Accessible	100%							D	

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Stem,Solid Pier								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$108,900	A
Sidewalks								
Concrete	100%	4+	\$87,300	2030	**	5	\$31,700	C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Concrete	100%			2034	**	5		C
Scupper								
Cast Iron	100%			LIFE	**			C
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Total Of 6 Scuppers</i>					
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK & LIRR YARD  
**Address** : QUEENS BLVD, JACKSON-SKILLMAN  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0071.000 / 2495 **Yr Built/Renovated** : 1910 /  
**Area Sq Ft** : 92,432 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2247310

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$266,500	
<b>Total</b>	<b>\$266,500</b>	
Priority A	\$130,200	
Priority C	\$136,400	
<b>Total</b>	<b>\$266,500</b>	

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$57,000		\$1,600	
<b>Total</b>	<b>\$57,000</b>		<b>\$1,600</b>	
Priority A	\$28,300		\$1,600	
Priority C	\$28,600			
<b>Total</b>	<b>\$57,000</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**  
**LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK & LIRR YARD**  
**Asset # : 2495**

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									
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+	\$28,600	2026		* *	4	\$8,100	C
<i>Cracks, Extent : Light, Area Affected : 30%</i>									
<i>Location : Throughout</i>									
Concrete	100%			2034		* *	4		C
Curbs									
Concrete w/ Steel Face	100%			LIFE		* *			A
Embankment									
Generic	100%			LIFE		* *			C
Mat (scour & erosion)									
Earth	100%			LIFE		* *			A
Railings/Parapets									
Timber	100%			LIFE		* *			A
Sidewalks									
Concrete	100%			LIFE		* *			C
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>									
<i>Location : Random Locations Throughout</i>									
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 QUEENS BLVD/AMTRAK & LIRR YARD**  
**Asset # : 2495**

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	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								
Guide Railing								
Concrete	100%	4+	\$130,200	2038	**			A
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE	**			A
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$73,400	A
Sidewalks								
Concrete	100%			2030	**	5	\$42,400	C
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Concrete	100%			2034	**	5		C
Scupper								
Cast Iron	100%	2-4	\$136,400	LIFE	**			C
			<i>Drains Clogged, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Total Of 24 Scuppers</i>					
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD  
**Address** : THOMSON AVE, JACKSON-SKILLMAN  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0070.000 / 2494 **Yr Built/Renovated** : 1908 /  
**Area Sq Ft** : 59,840 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2247300

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$297,000	
<b>Total</b>	<b>\$297,000</b>	
Priority A	\$36,000	
Priority C	\$261,000	
<b>Total</b>	<b>\$297,000</b>	

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$40,500		\$12,900	\$14,700
<b>Total</b>	<b>\$40,500</b>		<b>\$12,900</b>	<b>\$14,700</b>
Priority A	\$28,900		\$12,900	
Priority C	\$11,600			\$14,700
<b>Total</b>	<b>\$40,500</b>		<b>\$12,900</b>	<b>\$14,700</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**  
**LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD**

**Asset # : 2494**

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								
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+	\$11,600	2026	**	4	\$63,700	C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
Concrete	100%	4+	\$140,900	2034	**	4	\$243,900	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$36,000	LIFE	**			A
<i>Rust Stains, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</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**  
**LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD**

**Asset # : 2494**

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	
Approaches								
Railings/Parapets								
Concrete	100%	4+	\$8,700	2034		**		A
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Steel	100%			LIFE		**		A
Sidewalks								
Concrete	100%	4+	\$120,100	LIFE		**		C
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Vegetation Growth, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Random Locations Throughout</i>							
Piers								
Cap Beam								
Not Accessible	100%							D
Pier,Columns								
Not Accessible	100%							D
Stem,Solid Pier								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		**		A
Pedestals								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		A
	<i>Rust Stains, Extent : Moderate, Area Affected : 60%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location :</i>							
	<i>Explanation : Located On North Side</i>							
Guide Railing								
Concrete	100%			2038		**		A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : North Side</i>							
	<i>Explanation : Concrete Barrier Acting As Guide Rail</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**  
**LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD**

**Asset # : 2494**

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	
Deck Elements								
Railings/Parapets								
Concrete	100%			2034	* *	4	\$23,400	A
Steel	100%			LIFE	* *	2-8	\$52,400	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Solid Vertical Panels On Both Sides</i>								
Sidewalks								
Concrete	100%			2030	* *	5	\$30,300	C
Wearing Surface								
Concrete	100%			2034	* *	5	\$29,500	C
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Joints								
Not Accessible	100%							D
Primary Member								
Not Accessible	100%							D
Secondary Member								
Not Accessible	100%							D

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

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD  
**Address** : WOODHAVEN BLVD  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0002.000 / 2461 **Yr Built/Renovated** : 1955 / 2006  
**Area Sq Ft** : 25,288 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 11-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2066002

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$1,015,100	\$567,800
<b>Total</b>	<b>\$1,015,100</b>	<b>\$567,800</b>
Priority A	\$508,300	\$250,300
Priority B	\$429,800	\$250,300
Priority C	\$76,900	\$67,200
<b>Total</b>	<b>\$1,015,100</b>	<b>\$567,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$168,300		\$50,200	
<b>Total</b>	<b>\$168,300</b>		<b>\$50,200</b>	
Priority A	\$83,500		\$25,100	
Priority B	\$58,200		\$25,100	
Priority C	\$26,600			
<b>Total</b>	<b>\$168,300</b>		<b>\$50,200</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**  
**LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD**  
**Asset # : 2461**

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 Concrete	100%			LIFE		* *		A	
Backwall Concrete	100%	4+	\$5,300	LIFE		* *		C	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>						
			<i>Location : Southwest Corner Of Bridge</i>						
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>						
			<i>Location : East Abutment</i>						
			<i>Spalling, Extent : Light, Area Affected : 10%</i>						
			<i>Location : Throughout Begin Abutment</i>						
Brngs,Ancr Blts,Pads Generic	100%			LIFE		* *		A	
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>						
			<i>Location : Throughout</i>						
Footings Not Accessible	100%							D	
Joint with Deck Generic	100%			LIFE		* *		B	
Pedestals Concrete	100%			LIFE		* *		A	
Stem (breastwall) Concrete	100%	4+	\$12,600	LIFE		* *		B	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>						
			<i>Location : East Abutment</i>						
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
			<i>Location : Northeast Corner</i>						
			<i>Explanation : Masonry Facade Exhibiting Minor Mortar Loss And Vegetation Growth</i>						
Wingwalls									
Piles Not Accessible	100%							D	
Walls Concrete	100%	4+	\$37,100	LIFE		* *		C	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>						
			<i>Location : End Abutment</i>						
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
			<i>Location : End Abutment</i>						
			<i>Explanation : Concrete Wall</i>						
Approaches									
Pavement Concrete	100%	4+	\$21,200	2034		* *	4	\$38,500	C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>						
			<i>Location : Throughout</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**  
**LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD**  
**Asset # : 2461**

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	Priority Code
Approaches								
Railings/Parapets Concrete	100%			2034	**			A
Piers								
Stem,Solid Pier Concrete	100%	4+	\$179,500	LIFE	**			B
			<i>Cracks, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : East Face Of Pier</i>					
Brngs,Ancr Blts,Pads Generic	100%			LIFE	**			A
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Footings								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	**			B
Piles								
Not Accessible	100%							D
Deck Elements								
Mono Deck Surface Concrete	100%	4+	\$39,900	2045	**	5	\$67,200	C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets Concrete	100%			2034	**	4		A
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Vegetation Growth</i>					
Superstructure								
Deck,Structural Concrete	100%	4+	\$258,000	LIFE	**	5	\$27,800	A
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Fascia Overhangs And Light Blister</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Underside Of Stay-in-place Forms</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : All Bays Except The Center Bay</i>					
			<i>Explanation : Covered By Stay-In-Place Forms, Some Corroded Areas With Efflorescence</i>					
Joints								
Not Accessible	100%							D
Primary Member								
Steel	100%			LIFE	**	2-8	\$801,300	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$687,500	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : LONGWOOD AVE. BRIDGE  
**Address** : LONGWOOD AVE. / AMTRAK RAILS  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0180.000 / 13714 **Yr Built/Renovated** : 1908 /  
**Area Sq Ft** : 10,625 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241159

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure		\$498,900
<b>Total</b>		<b>\$498,900</b>
Priority C		\$498,900
<b>Total</b>		<b>\$498,900</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$98,800		\$200	
<b>Total</b>	<b>\$98,800</b>		<b>\$200</b>	
Priority A	\$4,500		\$200	
Priority B	\$14,200			
Priority C	\$80,100			
<b>Total</b>	<b>\$98,800</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**  
**LONGWOOD AVE. BRIDGE**  
**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	
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							D
Backwall								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	4+	\$14,200	LIFE			**	B
			<i>Loose Elements, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Both Abutments</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Both Abutments</i>					
			<i>Explanation : Deteriorated Joint Membrane</i>					
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								
Concrete	10%	4+	\$21,100	LIFE			**	C
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Both Abutments</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Both Abutments</i>					
Concrete	90%			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**  
**LONGWOOD AVE. BRIDGE**  
**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	
Approaches								
Pavement								
Asphalt	100%	4+	\$24,900	2025	\$498,900	4	\$10,900	C
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Approaches</i>								
<i>Explanation : Consists Of 20 Percent Asphalt And 80 Percent Concrete</i>								
Concrete	100%	4+	\$15,500	2033	**	4	\$41,600	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Abutments</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Embankment								
Earth	100%			LIFE	**			C
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%			LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast Approach</i>								
Piers								
Cap Beam								
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
<i>Cracks, Extent : Light, Area Affected : 5%</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**  
**LONGWOOD AVE. BRIDGE**  
**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	
Deck Elements								
Mono Deck Surface								
Concrete	100%	4+	\$11,500	2044	* *	5	\$28,700	C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Railings/Parapets								
Concrete	100%	4+	\$4,500	2033	* *	4	\$3,100	A
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Parapet</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Parapet Is Concrete With Corrugated Steel</i>								
Steel	100%			LIFE	* *	2-8	\$4,300	A
Sidewalks								
Concrete	100%	4+	\$7,000	2029	* *	5	\$3,900	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Joints								
Generic	100%			LIFE	* *			C
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR  
**Address** : E149TH ST, PARK AVE.  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0056.000 / 2481 **Yr Built/Renovated** : 1906 /  
**Area Sq Ft** : 27,900 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 26-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2241560

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$38,400	\$1,094,800
<b>Total</b>	<b>\$38,400</b>	<b>\$1,094,800</b>
Priority A		\$276,100
Priority B		\$276,100
Priority C	\$38,400	\$542,500
<b>Total</b>	<b>\$38,400</b>	<b>\$1,094,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$63,100	\$4,000	\$56,000	\$16,200
<b>Total</b>	<b>\$63,100</b>	<b>\$4,000</b>	<b>\$56,000</b>	<b>\$16,200</b>
Priority A	\$9,100		\$28,300	
Priority B	\$7,900		\$27,700	
Priority C	\$46,000	\$4,000		\$16,200
<b>Total</b>	<b>\$63,100</b>	<b>\$4,000</b>	<b>\$56,000</b>	<b>\$16,200</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 149 ST/METRO NORTH RR HAR**

**Asset # : 2481**

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	
<b>Abutments</b>								
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	\$7,900	LIFE		**		B
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Joints Damaged, Sunken And Debris Filled</i>								
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		**		C
Piles								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	80%			2025	\$394,900	4	\$12,100	C
Asphalt	20%	4+	\$9,900	2025	\$98,700	4	\$8,100	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Deteriorated Area More Severe On East Side</i>								
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Abutment North Side</i>								
Concrete	100%	4+	\$38,400	2033		**	\$30,800	C
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : West Approach North Side</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$4,700	LIFE		**		A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Side And West Side Of North Approach</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**  
**METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR**

**Asset # : 2481**

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	
Approaches								
Embankment								
Not Accessible	100%							D
Guide Railing								
Steel	75%			LIFE	**	2-8	\$2,900	A
Steel	25%	2-4	\$4,500	LIFE	**	2-8	\$2,900	A
<i>Damaged Railing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Approach North Side</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%	4+	\$3,900	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southeast Sidewalk</i>								
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								
Steel	100%			LIFE	**	2-8	\$11,900	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Concrete	100%			2029	**	5	\$32,400	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
Wearing Surface								
Concrete	100%	4+	\$28,700	2033	**	5	\$48,900	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near East Approach</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**  
**METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR**  
**Asset # : 2481**

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	Priority Code
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Joints								
Generic	100%	2-4	\$3,500	LIFE	* *			C
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Deteriorated Filler, Only One Joint At Span 5.</i>								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$515,800	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Underside Of Deck</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman</i>								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$432,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Underside Of Bridge</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR  
**Address** : E241ST ST,BX RIV RD,CARPENTER  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0058.000 / 2483 **Yr Built/Renovated** : 1913 /  
**Area Sq Ft** : 49,501 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241890

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$177,000	\$2,142,800
<b>Total</b>	<b>\$177,000</b>	<b>\$2,142,800</b>
Priority A		\$794,800
Priority B		\$899,700
Priority C	\$177,000	\$448,200
<b>Total</b>	<b>\$177,000</b>	<b>\$2,142,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$81,000		\$166,200	
<b>Total</b>	<b>\$81,000</b>		<b>\$166,200</b>	
Priority A			\$75,900	
Priority B			\$90,200	
Priority C	\$81,000			
<b>Total</b>	<b>\$81,000</b>		<b>\$166,200</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 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	
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
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : West Abutment</i>						
		<i>Explanation : Asphalt</i>						
Stem (breastwall) Concrete	100%			LIFE	* *			B
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Transverse Crack In East Abutment</i>						
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Generic	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Stress Adjacent To Wingwalls At East Abutment</i>						
		<i>Explanation : Asphalt</i>						
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	* *			C
Approaches								
Pavement Asphalt	100%	4+	\$34,400	2024	\$343,600	4	\$5,100	C
Concrete	100%	4+	\$10,700	2032	* *	4	\$18,500	C
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random</i>						
Curbs Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment Earth	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : West Approach.</i>						
		<i>Explanation : Earth Embankment Is Only At The West Approach.</i>						
Guide Railing Steel	100%			LIFE	* *	2-8	\$6,200	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**  
**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	Priority Code
Approaches								
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%	4+	\$3,000	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$579,000	A
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Minor Pitting Throughout, Recently Rehabbed And Painted</i>								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$1,179,800	B
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Minor Pitting Throughout, Recently Rehabbed And Painted</i>								
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
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Steel Facing</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$42,300	A
Sidewalks								
Concrete	100%	4+	\$32,900	2028	**	5	\$11,900	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Light Random Map Cracking</i>								
Wearing Surface								
Concrete	100%	4+	\$71,400	2032	**	5	\$104,700	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Span 1 Westbound Lane</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$54,500	A
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Light Random Cracks With Efflorescence</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**  
**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	\$105,600	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	\$915,100	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	\$766,600	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN  
**Address** : 59TH ST - 72ND ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0076.090 / 4177 **Yr Built/Renovated** : 1931 /  
**Area Sq Ft** : 307,370 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 11-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2257569

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$28,464,200	\$6,907,500
<b>Total</b>	<b>\$28,464,200</b>	<b>\$6,907,500</b>
Priority A	\$26,454,500	\$3,154,300
Priority B	\$912,900	\$3,077,600
Priority C	\$1,096,800	\$675,700
<b>Total</b>	<b>\$28,464,200</b>	<b>\$6,907,500</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$93,200		\$560,400	
<b>Total</b>	<b>\$93,200</b>		<b>\$560,400</b>	
Priority A	\$71,200		\$256,100	
Priority B	\$3,800		\$304,300	
Priority C	\$18,200			
<b>Total</b>	<b>\$93,200</b>		<b>\$560,400</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**  
**MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN**

**Asset # : 4177**

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								
Concrete	100%			LIFE	**			A
Steel	100%			LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : End Abutment</i>								
<i>Explanation : Framed Into Girder At End Abutment</i>								
Backwall								
Concrete	100%			LIFE	**			C
Brngs,Ancr Blts,Pads								
Steel	100%	4+	\$15,800	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At The Begin Abutment.</i>								
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	**			B
Mat (scour & erosion)								
Earth	100%			LIFE	**			B
Pedestals								
Concrete	100%			LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Begin Abutment</i>								
<i>Explanation : Concrete Pedestals At Begin Abutment</i>								
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	\$54,700	C
Curbs								
Concrete	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A

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

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Pier,Columns								
Concrete Encased Steel	99%	4+	\$3,700	LIFE	**	5	\$21,900	B
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Along Column Faces</i>								
Concrete Encased Steel	1%	4+		LIFE	**	5	\$21,900	B
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Crack And Possible Delamination At Top Of Column At Pier 39</i>								
Steel	100%			LIFE	**	2-8	\$1,487,500	B
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$85,100	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$40,500	A
Mono Deck Surface								
Concrete	100%			2043	**	5	\$1,351,300	C
Railings/Parapets								
Concrete	100%			2032	**	4	\$166,300	A
Superstructure								
Deck,Structural								
Concrete	98%			LIFE	**	5	\$279,900	A
Concrete	2%			LIFE	**	5	\$279,900	A
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Corrosion To S.I.P. Forms In Several Random Bays</i>								
Joints								
Generic	100%	4+	\$421,100	LIFE	**			C
<i>Leakage, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Inside Face Of Fascia Girders Below Deck Joints</i>								
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Over Several Piers And Abutment</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Inner Faces Of Fascia Girders Below Deck Joints</i>								
Primary Member								
Steel	100%	4+	\$26,454,500	LIFE	**	2-8	\$4,701,600	A
<i>Corrosion, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Girders, Floor Beams, Web And Flanges At Deck Joints And Drainage Pipes</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Localized Areas At Connection Of Girders To Floor Beams Particularly Below Deck Joints</i>								
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout Superstructure Steel</i>								
<i>Explanation : Faded Paint Color, Rust Flakes To Light Rusting. Paint System Is Failing.</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**  
**MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN**

**Asset # : 4177**

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	100%	4+	\$912,900	LIFE	* *	2-8	\$3,938,500	B
<i>Loss of Section, Extent : Moderate, Area Affected : 2%</i> <i>Location : Web Stiffeners Of Girders And Floor Beams And Steel Brackets</i> <i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : At Underside Of Deck At Drainage Pipes Location</i> <i>Explanation : Few Missing Drain Pipe Tie Rods And Hangers But Not In Danger Of Falling</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.

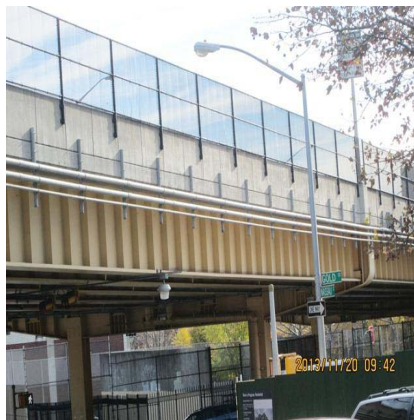
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : NASSAU STREET BRIDGE B.Q.E./NASSAU STREET  
**Address** : 278I  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0018.000 / 2451 **Yr Built/Renovated** : 1956 / 2006  
**Area Sq Ft** : 51,200 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 20-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2230510

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$1,196,300	\$1,779,800
<b>Total</b>	<b>\$1,196,300</b>	<b>\$1,779,800</b>
Priority A	\$690,000	\$1,273,600
Priority B	\$506,300	\$506,300
<b>Total</b>	<b>\$1,196,300</b>	<b>\$1,779,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$403,600	\$4,500	\$169,700	
<b>Total</b>	<b>\$403,600</b>	<b>\$4,500</b>	<b>\$169,700</b>	
Priority A	\$264,000		\$117,500	
Priority B	\$131,700		\$52,300	
Priority C	\$7,900	\$4,500		
<b>Total</b>	<b>\$403,600</b>	<b>\$4,500</b>	<b>\$169,700</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**  
**NASSAU STREET BRIDGE B.Q.E./NASSAU STREET**

**Asset # : 2451**

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	Priority Code
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			A
Backwall Concrete	95%			LIFE	**			C
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Both Fascias</i>							
	<i>Explanation : Brick Facing 5 Ft Wide</i>							
Concrete	5%	4+	\$7,900	LIFE	**			C
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At North Abutment</i>							
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
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Begin Abutment</i>							
	<i>Explanation : Stone Pavers</i>							
Pedestals Concrete	100%			LIFE	**			A
	<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : At North Abutment Only</i>							
	<i>Explanation : Steel Bolster Bolted To Front Face Abutment</i>							
Stem (breastwall) Concrete	5%	4+	\$12,300	LIFE	**			B
	<i>Cracks, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : North And South Abutments</i>							
	<i>Explanation : Brick Facade</i>							
Concrete	95%			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
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : At North And South Abutments</i>							
	<i>Explanation : Brick Facade</i>							

**Approaches**

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**NASSAU STREET BRIDGE B.Q.E./NASSAU STREET**  
**Asset # : 2451**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%			2029	**	4	\$13,500	C
Concrete	100%			2038	**	4		C
Embankment								
Earth	100%			LIFE	**			C
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Median								
Concrete	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%			2038	**			A
Steel	100%			LIFE	**			A
Piers								
Cap Beam								
Steel	95%			LIFE	**	2-8	\$287,100	A
Steel	5%	4+	\$2,300	LIFE	**	2-8	\$171,600	A
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Pier 5</i>								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$70,100	B
Brngs,Ancr Blts,Pads								
Generic	100%			LIFE	**			A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt, Pavers And Concrete</i>								
Piles								
Not Accessible	100%							D
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$10,300	A
Mono Deck Surface								
Concrete	100%			2051	**	5		C
Railings/Parapets								
Concrete	100%			2038	**	4		A
Steel	100%			LIFE	**	2-8	\$47,200	A
Scupper								
Cast Iron	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total Of 12 Scuppers</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural Concrete	90%			LIFE	* *	5	\$112,600	A
	<i>Other Observation, Extent : Light, Area Affected : 40%</i>							
	<i>Location : Fascias And Utility Bay</i>							
	<i>Explanation : Metal Deck Forms</i>							
Concrete	10%	4+	\$28,200	LIFE	* *	5	\$56,300	A
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Overhangs At Both Fascias And Along Construction Joints</i>							
Joints								
Generic	100%			LIFE	* *			C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Armorless Joint</i>							
Primary Member								
Steel	99%			LIFE	* *	2-8	\$1,620,800	A
Steel	1%	4+	\$53,200	LIFE	* *	2-8	\$945,600	A
	<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : At Ends Of Beams At Piers</i>							
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$1,390,600	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.

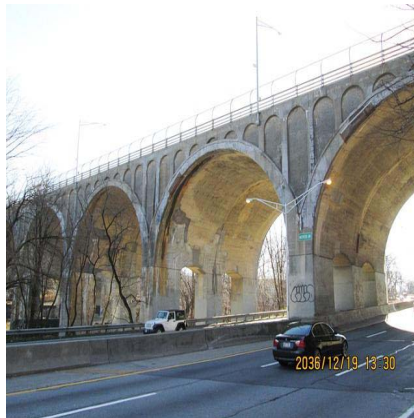
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : NEREID AVENUE (2241880)  
**Address** : EAST 238TH ST. / OVER BRONX RIVER PARKWAY  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0151.000 / 13514 Yr Built/Renovated : 1930 /  
**Area Sq Ft** : 57,750 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 19-Dec-2012 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 1067150

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$1,204,300	\$2,153,800
<b>Total</b>	<b>\$1,204,300</b>	<b>\$2,153,800</b>
Priority A	\$758,700	\$1,618,800
Priority B	\$323,800	
Priority C	\$121,800	\$535,100
<b>Total</b>	<b>\$1,204,300</b>	<b>\$2,153,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$106,900		\$1,200	
<b>Total</b>	<b>\$106,900</b>		<b>\$1,200</b>	
Priority A			\$1,200	
Priority B	\$20,800			
Priority C	\$86,100			
<b>Total</b>	<b>\$106,900</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**  
**NEREID AVENUE (2241880)**  
**Asset # : 13514**

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								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		**		B
Stem (breastwall)								
Concrete	1%	4+	\$20,800	LIFE		**		B
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Random Locations</i>							
	<i>Spalling, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random Locations</i>							
Concrete	99%			LIFE		**		B
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		**		C
Piles								
Not Accessible	100%							D
Walls								
Concrete	15%	4+	\$28,300	LIFE		**		C
	<i>Cracks, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Random Locations</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>							
	<i>Location : East Abutment South Side</i>							
Concrete	85%			LIFE		**		C
Stream Channel								
Bank Protection								
Generic	100%			LIFE		**		C
Mat (scour & erosion)								
Generic	100%			LIFE		**		A
Approaches								
Pavement								
Asphalt	100%	4+	\$20,800	2025	\$415,900	4	\$9,800	C
	<i>Settlement, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Both Approaches</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : West Approach</i>							
	<i>Explanation : Pavement Consists Of 50 Percent Asphalt And 50 Percent Concrete</i>							
Concrete	100%	4+	\$13,500	2033		**	4	\$39,000
	<i>Cracks, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : West Approach</i>							
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**  
**NEREID AVENUE (2241880)**  
**Asset # : 13514**

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	
Approaches								
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Steel	100%			LIFE	**	2-8	\$5,700	A
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : East Approach North Side</i>					
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%	4+	\$4,400	LIFE	**			C
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations</i>					
Piers								
Stem,Solid Pier								
Concrete	2%	4+	\$323,800	LIFE	**			B
			<i>Cracks, Extent : Light, Area Affected : 75%</i>					
			<i>Location : Throughout</i>					
			<i>Efflorescence, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Concrete	98%			LIFE	**			B
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
			<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$28,900	A
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Steel Railing Without Parapets</i>					
Sidewalks								
Concrete	100%	4+	\$19,100	2029	**	5	\$11,600	C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations</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**  
**NEREID AVENUE (2241880)**  
**Asset # : 13514**

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	
Deck Elements								
Wearing Surface								
Concrete	100%	4+	\$121,800	2033	* *	5	\$119,200	C
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations</i>							
Superstructure								
Primary Member								
Concrete	10%	4+	\$758,700	LIFE	* *	5	\$809,400	A
	<i>Cracks, Extent : Moderate, Area Affected : 80%</i>							
	<i>Location : Underside Of The Arch Barrels</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Underside Of The Arch Barrels</i>							
	<i>Leakage, Extent : Light, Area Affected : 80%</i>							
	<i>Location : Random Locations At The Arch Barrels</i>							
	<i>Recent Replace Evident, Extent : Light, Area Affected : 80%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>							
	<i>Location : Underside Of The Arch Barrels</i>							
	<i>Explanation : Deteriorated Surface With Steel Mesh Installed</i>							
Concrete	90%			LIFE	* *	5	\$809,400	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND  
**Address** : NORTHERN BLVD. CROSS ISLAND PKWY.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0177.000 / 13711 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,951 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 03-Jan-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2231870

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$516,500	\$635,300
<b>Total</b>	<b>\$516,500</b>	<b>\$635,300</b>
Priority A		\$88,600
Priority B	\$198,600	\$88,600
Priority C	\$317,800	\$458,100
<b>Total</b>	<b>\$516,500</b>	<b>\$635,300</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$32,800		\$18,100	\$200
<b>Total</b>	<b>\$32,800</b>		<b>\$18,100</b>	<b>\$200</b>
Priority A	\$13,700		\$9,200	
Priority B			\$8,900	
Priority C	\$19,100			\$200
<b>Total</b>	<b>\$32,800</b>		<b>\$18,100</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**  
**NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND**  
**Asset # : 13711**

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 Concrete	100%			LIFE	**			A
Backwall Concrete	100%			LIFE	**			C
Brngs,Ancr Blts,Pads Elastomeric	100%			2044	**			A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	**			B
Pedestals Concrete	100%			LIFE	**			A
Stem (breastwall) Concrete	50%	4+	\$165,500	LIFE	**			B
	<i>Cracks, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Begin Abutment</i>							
Concrete	50%	4+	\$33,100	LIFE	**			B
	<i>Cracks, Extent : Light, Area Affected : 20%</i>							
	<i>Location : End Abutment</i>							
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%			LIFE	**			C
Piles Not Accessible	100%							D
Walls Concrete	100%	4+	\$317,800	LIFE	**			C
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Cracking/ Crumbling Of Mortar Throughout Walls</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Begin And End Wingwalls</i>							
	<i>Explanation : Wingwalls Are Concrete With Stone Facing</i>							
Approaches								
Pavement Asphalt	100%	4+	\$9,200	2025	\$458,100	4	\$10,800	C
	<i>Cracks, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Both Approaches</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Both Approaches</i>							
	<i>Explanation : Consists Of 50 Percent Asphalt And 50 Percent Concrete</i>							
Concrete	100%	4+	\$1,800	2033	**	4	\$5,100	C
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : All Approaches</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**  
**NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND**  
**Asset # : 13711**

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	
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$5,400	LIFE	**			A
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Steel	100%	4+	\$8,300	LIFE	**	2-8	\$5,800	A
<i>Damaged Railing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Abutment</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%	4+	\$2,800	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Both Approaches</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
Pier, Columns								
Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Columns</i>								
<i>Explanation : The Columns Are Concrete With Stone Veneer</i>								
Brngs, Ancr Blts, Pads								
Elastomeric	100%			2044	**			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%	4+	\$5,400	2044	**	5	\$14,300	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations 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**  
**NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND**  
**Asset # : 13711**

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	
Deck Elements								
Railings/Parapets Steel	100%			LIFE	* *	2-8	\$3,800	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North And South Sides</i>								
<i>Explanation : Chain Link Fence Behind Steel Bridge Railing</i>								
-----								
Sidewalks Concrete	100%			2029	* *	5	\$400	C
-----								
Scupper Ductile Iron	100%			LIFE	* *			C
-----								
Superstructure								
Deck,Structural Concrete	100%			LIFE	* *	5	\$9,900	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entire Deck</i>								
<i>Explanation : Bottom Covered With Stay In Place Forms</i>								
-----								
Joints Generic	100%			LIFE	* *			C
-----								
Primary Member Steel	100%			LIFE	* *	2-8	\$165,500	A
-----								
Secondary Member Steel	100%			LIFE	* *	2-8	\$138,600	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL  
**Address** : E34TH ST-39TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0083.000 / 2512 **Yr Built/Renovated** : 1919 /  
**Area Sq Ft** : 36,200 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 20-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246540

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$24,511,800	\$2,693,900
<b>Total</b>	<b>\$24,511,800</b>	<b>\$2,693,900</b>
Priority A	\$21,873,000	\$332,800
Priority B	\$848,900	
Priority C	\$1,789,900	\$2,361,100
<b>Total</b>	<b>\$24,511,800</b>	<b>\$2,693,900</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$67,500		\$13,500	\$24,300
<b>Total</b>	<b>\$67,500</b>		<b>\$13,500</b>	<b>\$24,300</b>
Priority A	\$19,000		\$8,400	
Priority B	\$31,700		\$200	
Priority C	\$16,800		\$4,900	\$24,300
<b>Total</b>	<b>\$67,500</b>		<b>\$13,500</b>	<b>\$24,300</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**  
**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	Priority Code
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							D
Backwall								
Concrete	100%	4+	\$956,700	LIFE		* *		C
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random</i>					
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	\$848,900	LIFE		* *		B
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random</i>					
Masonry: Sandstone	20%	4+	\$15,800	LIFE		* *		B
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : South End</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random</i>					
			<i>Leakage, Extent : Light, Area Affected : 10%</i>					
			<i>Location : South End</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random</i>					
			<i>Explanation : Loss Of Section</i>					
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Walls								
Concrete	100%	4+	\$833,200	LIFE	**			C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Damaged Railing, Extent : Light, Area Affected : 1%</i>								
<i>Location : Deformed Steel Railing On Top Of Wingwall</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random</i>								
<i>Explanation : Uneven Patching</i>								
Granite	90%			LIFE	**			C
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South End</i>								
Granite	10%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Top Of Wingwalls</i>								
<i>Explanation : Ornamental Granite Parapet On Wingwalls</i>								
Approaches								
Pavement								
Asphalt	100%			2024	\$1,845,100	4	\$46,300	C
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Curbs								
Concrete	100%			LIFE	**			A
Concrete w/ Steel Face	100%			LIFE	**			A
Granite	100%			LIFE	**			A
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
Guide Railing								
Steel	100%			LIFE	**	2-8	\$81,300	A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	95%			LIFE	**			C
Concrete	5%	4+	\$300	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Granite	95%			LIFE	**			A
Granite	5%	4+	\$16,600	LIFE	**			A
<i>Broken/Missing Element, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random</i>								
Gratings								
Steel	100%			LIFE	**			A
Median								
Concrete	95%			LIFE	**	5	\$31,600	A
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Face Of Median Curb</i>								
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Trees And Plants Are Placed On The Median</i>								
Concrete	5%	4+	\$2,500	LIFE	**	5	\$31,600	A
<i>Cracks, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random</i>								
Steel	100%			LIFE	**	4-8		A
Railings/Parapets								
Granite	95%			LIFE	**			A
Granite	5%	Now	\$128,100	LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Southeast Corner Of Structure</i>								
<i>Explanation : Chain-link Fence Placed In Front Of Failed Parapet</i>								
Steel	100%			LIFE	**	2-8	\$59,200	A
Sidewalks								
Concrete	100%			2028	**	5	\$9,800	C
Granite Paver	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Fascia</i>								
<i>Explanation : Paver Sidewalk At North Fascia</i>								
Wearing Surface								
Asphalt	90%			2024	\$464,500	5	\$48,600	C
Asphalt	10%	4+	\$1,000	2024	\$51,600	5	\$24,300	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Intersections</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								

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+	\$2,981,500	LIFE	**	5	\$39,800	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	\$149,000	A
Steel	100%	4+	\$18,763,400	LIFE	**	2-8	\$78,000	A
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i> <i>Location : Random</i>								
Secondary Member								
Steel	100%	4+	\$15,900	LIFE	**	2-8	\$2,900	B
<i>Loss of Section, Extent : Severe, Area Affected : 40%</i> <i>Location : Random</i>								

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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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : PEDESTRIAN BRIDGE E. 174ST. / 895IX  
**Address** : E. 174ST,BRONX RIVER, I895  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0005.0A0 / 2918 **Yr Built/Renovated** : 1909 /  
**Area Sq Ft** : 1,800 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 04-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 206672A

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$100,000	
<b>Total</b>		<b>\$100,000</b>	
Priority A		\$57,700	
Priority C		\$42,300	
<b>Total</b>		<b>\$100,000</b>	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$110,100		\$5,900	
<b>Total</b>	<b>\$110,100</b>		<b>\$5,900</b>	
Priority A	\$76,000		\$2,800	
Priority B	\$28,300		\$2,200	
Priority C	\$5,700		\$900	
<b>Total</b>	<b>\$110,100</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.

\*\* 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			A
Backwall								
Concrete	100%			LIFE	**			C
Brngs,Ancr Blts,Pads								
Steel	100%	4+	\$6,300	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 15%</i>								
<i>Location : East Side Bearing</i>								
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+	\$4,300	LIFE	**			A
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Side Pedestal</i>								
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
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Abutment</i>								
<i>Explanation : With Brick Veneer</i>								
Approaches								
Pavement								
Concrete	100%			2034	**	4	\$1,800	C
Curbs								
Granite	100%	4+	\$1,200	LIFE	**			A
<i>Broken/Missing Element, Extent : Light, Area Affected : 5%</i>								
<i>Location : Joint Mortar Between Granite Curbs</i>								
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</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**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2918**

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	
Approaches								
Railings/Parapets								
Steel	100%	4+	\$1,200	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Parapet Base</i>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$13,800	A
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$18,700	B
Stem,Solid Pier								
Brick Veneer	100%			LIFE	**			B
Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Solid Pier</i>								
<i>Explanation : With Brick Veneer</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$2,300	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Solid Concrete Pier With Brick Veneer</i>								
<i>Explanation : 4 Concrete Pedestals</i>								
Deck Elements								
Curbs								
Concrete	90%			2045	**			A
Concrete	10%	0-2	\$21,600	2045	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Adjacent To Abutment</i>								
<i>Explanation : Broken Anchor Bolt At Base Of Lightpole (1 Out Of 4)</i>								
Mono Deck Surface								
Concrete	70%			2045	**	5	\$7,400	C
Concrete	30%	4+	\$5,700	2045	**	5	\$3,700	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations 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**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2918**

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	
Deck Elements								
Railings/Parapets								
Steel	90%	4+	\$4,400	LIFE	**	2-8	\$8,500	A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Base Of Parapet</i>								
Steel	10%	0-2	\$4,900	LIFE	**	2-8	\$8,500	A
<i>Broken/Missing Element, Extent : Light, Area Affected : 1%</i>								
<i>Location : 2nd Ramp And 3rd Ramp From Top</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 2nd Ramp And 3rd Ramp From Top</i>								
<i>Explanation : Corroded, Broken Railing And Missing Connection Bolts, And/or Replaced By Fillet Welds.</i>								
Scupper								
Cast Iron	100%	2-4	\$42,300	LIFE	**			C
<i>Drains Clogged, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : All Drains Throughout The Deck</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Deck</i>								
<i>Explanation : Total Of 9 Drains</i>								
Superstructure								
Deck,Structural								
Concrete	70%			LIFE	**	5	\$4,000	A
Concrete	30%	4+	\$57,700	LIFE	**	5	\$2,000	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near Top Joint Along 147 Street Main Bridge</i>								
<i>Explanation : Underside Of Deck Spalled Area With Rusted Rebars Covered By Steel Mesh With Bolted Steel Plates.</i>								
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$57,000	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$48,900	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : PEDESTRIAN BRIDGE E. 174ST. / 895IX  
**Address** : E. 174ST,BRONX RIVER, I895  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0005.0B0 / 2919 **Yr Built/Renovated** : 1909 /  
**Area Sq Ft** : 1,900 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 30-Oct-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 206672B

**CAPITAL**

Total

Priority

Total

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$124,200		\$6,200	
<b>Total</b>	<b>\$124,200</b>		<b>\$6,200</b>	
Priority A	\$72,000		\$2,700	
Priority B	\$46,500		\$2,700	
Priority C	\$5,700		\$900	
<b>Total</b>	<b>\$124,200</b>		<b>\$6,200</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**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2919**

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								
Concrete	90%			LIFE	**			A
Concrete	10%	4+	\$3,600	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Begin Abutment</i>								
Backwall								
Concrete	80%			LIFE	**			C
Concrete	20%	4+	\$1,200	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Begin Abutment</i>								
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE	**			A
Steel	50%	4+	\$6,300	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : South Abutment</i>								
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
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : With Brick Veneer</i>								
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			C
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Begin Abutment</i>								
<i>Explanation : With Brick Veneer And Three Weep Holes On Each Wall</i>								
Approaches								
Pavement								
Concrete	100%			2034	**	4	\$1,800	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**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2919**

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	
<b>Approaches</b>								
<b>Curbs</b>								
Granite	100%			LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			A
<hr/>								
<b>Railings/Parapets</b>								
Steel	100%			LIFE	**			A
<i>Broken/Missing Element, Extent : Light, Area Affected : 1%</i>								
<i>Location : Missing Bolts At One Of The 4 Connections Of Railing Panels Near The Northwest Corner</i>								
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Piers</b>								
<b>Cap Beam</b>								
Steel	100%			LIFE	**	2-8	\$13,800	A
<hr/>								
<b>Pier,Columns</b>								
Steel	65%			LIFE	**	2-8	\$18,700	B
Steel	35%	2-4	\$2,700	LIFE	**	2-8	\$11,400	B
<i>Corrosion, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Base Of Center Pier</i>								
<hr/>								
<b>Stem,Solid Pier</b>								
Brick Veneer	100%			LIFE	**			B
Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South End Pier</i>								
<i>Explanation : Concrete With Brick Veneer</i>								
<hr/>								
<b>Brngs,Ancr Blts,Pads</b>								
Steel	90%			LIFE	**	2-8	\$2,300	A
Steel	10%	2-4	\$11,300	LIFE	**	2-8	\$1,400	A
<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Pier With Brick Veneer</i>								
<hr/>								
<b>Footings</b>								
Not Accessible	100%							D
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			A
<hr/>								
<b>Pedestals</b>								
Concrete	50%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bottom Of Column</i>								
<i>Explanation : Pedestal At Bottom Of The Pier Column</i>								
<hr/>								
Concrete	50%	4+	\$14,200	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : South End Pier</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : South End Pier</i>								

**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**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2919**

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	
Deck Elements								
Curbs								
Concrete	99%			2045	**			A
Concrete	1%	4+	\$5,400	2045	**			A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Mono Deck Surface								
Concrete	85%			2045	**	5	\$7,400	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	15%	4+	\$2,300	2045	**	5	\$3,700	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$13,800	A
<i>Broken/Missing Element, Extent : Light, Area Affected : 2%</i>								
<i>Location : Missing Bolts Replaced By Fillet Weld Near Northeast Corner</i>								
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Ductile Iron	100%			LIFE	**			C
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : On Deck</i>								
<i>Explanation : 5 Total Scuppers; 50 Percent Of Scuppers Are Clogged</i>								
Superstructure								
Deck, Structural								
Concrete	80%			LIFE	**	5	\$4,200	A
Concrete	20%	4+	\$6,400	LIFE	**	5	\$2,100	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Joints								
Generic	50%			LIFE	**			C
Generic	50%	2-4	\$2,200	LIFE	**			C
<i>Broken/Missing Element, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$60,200	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$51,700	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST  
**Address** : 79ST TO 91ST ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0031.070 / 2925 **Yr Built/Renovated** : 1942 /  
**Area Sq Ft** : 93,000 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 08-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2232167

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$7,251,600	\$2,168,900
<b>Total</b>	<b>\$7,251,600</b>	<b>\$2,168,900</b>
Priority A	\$6,254,400	\$373,700
Priority B	\$83,100	
Priority C	\$914,100	\$1,795,200
<b>Total</b>	<b>\$7,251,600</b>	<b>\$2,168,900</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$114,500		\$45,700	
<b>Total</b>	<b>\$114,500</b>		<b>\$45,700</b>	
Priority A	\$48,800		\$44,800	
Priority B	\$38,500		\$1,000	
Priority C	\$27,200			
<b>Total</b>	<b>\$114,500</b>		<b>\$45,700</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**  
**PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST**  
**Asset # : 2925**

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								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Granite	65%			LIFE	**			C
Granite	35%	4+	\$13,600	LIFE	**			C
<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Lower Two Courses Of Stones</i>								
<i>Loose Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Stream Channel								
Bank Protection								
Riprap	100%			LIFE	**			C
Pier Protection								
Not Accessible	100%							D
Approaches								
Pavement								
Asphalt	100%	4+	\$35,500	2026	**	4	\$12,100	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Brick	100%	4+	\$41,800	2026	**	4	\$1,536,800	C
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Brick Pavers</i>								
Guide Railing								
Steel	75%			LIFE	**	2-8	\$18,600	A
Steel	25%	4+	\$11,500	LIFE	**	2-8	\$11,700	A
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Masonry								
	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracks</i>								
Steel	75%			LIFE	**			C
Steel	25%	4+	\$13,600	LIFE	**			C
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Top Rail</i>								
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**  
**PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST**  
**Asset # : 2925**

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	Priority Code
Piers								
Pier,Columns								
Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$83,100	LIFE	**			B
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Pier 1</i>								
<i>Explanation : Area Currently Under Repair, Begin Abutment Through 84th Street.</i>								
Steel	70%			LIFE	**	2-8	\$23,300	B
Steel	30%	4+	\$29,400	LIFE	**	2-8	\$14,200	B
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Piles								
Not Accessible	100%							D
Deck Elements								
Railings/Parapets								
Concrete	75%			2034	**	4	\$73,800	A
Concrete	25%	4+	\$1,028,700	2034	**	4	\$73,800	A
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Concentrated At Joints</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random, Also Concentrated At Joints</i>								
Steel	80%			LIFE	**	2-8	\$165,000	A
Steel	20%	4+	\$116,500	LIFE	**	2-8	\$101,300	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Railing Supports At Joints</i>								
<i>Explanation : Dislocated Anchors, Missing Concrete Around Anchors</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**  
**PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST**  
**Asset # : 2925**

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	
Deck Elements								
Wearing Surface								
Asphalt	85%			2023	\$1,127,200	5	\$124,900	C
Asphalt	15%	2-4	\$39,800	2026	* *	5	\$62,400	C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Loose Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Pavers</i>								
Concrete	80%			2028	* *	5	\$543,100	C
Concrete	20%	4+	\$306,000	2028	* *	5	\$271,500	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	70%			LIFE	* *	5	\$204,700	A
Concrete	5%	4+	\$1,657,900	LIFE	* *	5	\$102,400	A
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Repair To Underside Of Deck Evident</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Concrete	25%	2-4	\$3,315,700	LIFE	* *	5	\$102,400	A
<i>Cracks, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Joints								
Generic	33%			LIFE	* *			C
Generic	67%	0-2	\$157,000	LIFE	* *			C
<i>Broken/Missing Element, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Various Locations Per Biennial 2011</i>								
<i>Leakage, Extent : Severe, Area Affected : 50%</i>								
<i>Location : In Several Spans Per Biennial 2011</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY  
 Address : IND SUBWAY STATION  
 Borough : QUEENS Agency's Number : N/A  
 Program / Asset # : DOT0016.090 / 2577 Yr Built/Renovated :  
 Area Sq Ft : 37,753 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 19-Dec-2012 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2230209

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$115,900	\$1,765,900
<b>Total</b>	<b>\$115,900</b>	<b>\$1,765,900</b>
Priority B	\$63,600	
Priority C	\$52,300	\$1,765,900
<b>Total</b>	<b>\$115,900</b>	<b>\$1,765,900</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$32,900	\$11,100		\$52,000
<b>Total</b>	<b>\$32,900</b>	<b>\$11,100</b>		<b>\$52,000</b>
Priority A	\$28,300			
Priority B	\$4,600			\$52,000
Priority C		\$11,100		
<b>Total</b>	<b>\$32,900</b>	<b>\$11,100</b>		<b>\$52,000</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**  
**QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY**  
**Asset # : 2577**

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	
<b>Abutments</b>								
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	100%	4+	\$63,600	LIFE	**			B
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Both Abutments</i>								
<i>Joints Missing, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Joint Mortar Missing Throughout Both Abutments</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Specifically, Stone Facing</i>								
Masonry: Brick	95%			LIFE	**	3-5	\$84,100	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Specifically, Stone Facing</i>								
Masonry: Brick	5%	4+	\$4,600	LIFE	**	3-5	\$84,100	B
<i>Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : End Abutment</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Specifically, Stone Facing</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
<b>Approaches</b>								
Pavement								
Asphalt	100%			2025	\$1,308,600	4	\$33,400	C
Curbs								
Concrete w/ Steel Face	80%			LIFE	**			A
Concrete w/ Steel Face	20%	4+	\$1,500	LIFE	**			A
<i>Settlement, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations</i>								
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**  
**QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY**  
**Asset # : 2577**

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	
Approaches								
Sidewalks								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Not Accessible	100%							D
Pier, Columns								
Not Accessible	100%							D
Brngs, Anchr Blts, Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	80%			LIFE	**			A
Concrete w/ Steel Face	20%	2-4	\$2,700	LIFE	**			A
<i>Settlement, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Scattered Throughout</i>								
Median								
Concrete	100%	4+	\$7,300	LIFE	**	5	\$1,900	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Scattered Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Scattered Throughout</i>								
Railings/Parapets								
Masonry	100%	4+	\$16,900	2033	**	5	\$900	A
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North And South Abutment</i>								
<i>Explanation : Missing Mortar Joints, Cracks, Broken Elements</i>								
Sidewalks								
Concrete	100%	4+	\$52,300	2029	**	5	\$4,600	C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Scattered Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Scattered Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Wearing Surface								
Asphalt	100%			2025	\$457,300	5	\$43,100	C
Superstructure								
Deck, Structural								
Not Accessible	100%							D
Primary 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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY**  
**Asset # : 2577**

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								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE  
 Address : RAMP TO HENRY HUDSON PKWY. / W.158TH ST.  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : DOT0011.0A0 / 2574 Yr Built/Renovated :  
 Area Sq Ft : 10,800 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 17-Dec-2012 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 222934A

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$318,900	\$755,600
<b>Total</b>	<b>\$318,900</b>	<b>\$755,600</b>
Priority A	\$280,900	\$451,300
Priority B	\$38,000	\$205,900
Priority C		\$98,400
<b>Total</b>	<b>\$318,900</b>	<b>\$755,600</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$77,800	\$1,000	\$66,500	
<b>Total</b>	<b>\$77,800</b>	<b>\$1,000</b>	<b>\$66,500</b>	
Priority A	\$19,000	\$1,000	\$45,800	
Priority B	\$7,400		\$20,600	
Priority C	\$51,500			
<b>Total</b>	<b>\$77,800</b>	<b>\$1,000</b>	<b>\$66,500</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**  
**RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE**

**Asset # : 2574**

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								
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%	0-2	\$38,000	LIFE		**		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : South End</i>								
<i>Explanation : Torn And Detached Expansion Joint Material</i>								
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+	\$4,900	2025	\$98,400	4	\$1,600	C
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Isolated Location</i>								
Concrete	100%	4+	\$7,700	2033	**	4	\$6,200	C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations</i>								
Curbs								
Concrete	100%			LIFE	**			A
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Curb</i>								
<i>Explanation : Consists of 25 Percent Concrete, 25 Percent Concrete With Steel Face, And 50 Percent Granite</i>								
Granite	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**  
**RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE**

**Asset # : 2574**

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	
Approaches								
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Concrete	100%			2039	**	4		A
Sidewalks								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Steel	95%			LIFE	**	2-8	\$274,600	A
Steel	5%	4+	\$9,200	LIFE	**	2-8	\$274,600	A
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$285,000	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%	0-2	\$7,400	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : North End West Side Wall At Columns</i>								
Deck Elements								
Curbs								
Concrete	100%			2044	**			A
Granite	100%	4+	\$5,700	LIFE	**			A
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : On The Northwest Side</i>								
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout East Side Of Bridge</i>								
<i>Explanation : Deteriorated/ Missing Joints At Granite Blocks</i>								
Mono Deck Surface								
Concrete	100%	4+	\$6,200	2044	**	5	\$28,700	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
<i>Spalling, Extent : Light, Area Affected : 50%</i>								
<i>Location : On East Side Around Span 20</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**  
**RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE**

**Asset # : 2574**

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	
Deck Elements								
Railings/Parapets								
Concrete	20%	4+	\$4,000	2033	**	4	\$2,100	A
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Southwest Side On Top Of Parapet</i>								
Concrete	80%			2033	**	4	\$3,100	A
Steel	100%			LIFE	**	2-8	\$16,300	A
Sidewalks								
Cobblestone	100%			2044	**			C
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Along East Side</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West And East Side</i>								
<i>Explanation : Cobblestone Along West Side And Grassy Area Along East Side.</i>								
Concrete	100%	4+	\$13,500	2029	**	5	\$5,700	C
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : At North End</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : At West Side Of Sidewalk</i>								
Scupper								
Ductile Iron	100%			LIFE	**			C
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$11,900	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entire Deck</i>								
<i>Explanation : No Access To Tracks</i>								
Joints								
Generic	80%	2-4	\$19,300	LIFE	**			C
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Generic	20%			LIFE	**			C
Primary Member								
Steel	95%			LIFE	**	2-8	\$199,700	A
Steel	5%	4+	\$280,900	LIFE	**	2-8	\$199,700	A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : On Floor Beam Bottom Flanges, Particularly Heavy At Joints</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$167,300	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST  
**Address** : 152ND ST- W161ST ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0069.000 / 2493 **Yr Built/Renovated** : 1908 /  
**Area Sq Ft** : 181,487 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 08-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2246720

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$17,189,800	\$7,560,800
<b>Total</b>	<b>\$17,189,800</b>	<b>\$7,560,800</b>
Priority A	\$13,394,700	\$6,734,600
Priority B	\$2,231,000	
Priority C	\$1,564,200	\$826,200
<b>Total</b>	<b>\$17,189,800</b>	<b>\$7,560,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$1,419,600		\$452,800	\$12,900
<b>Total</b>	<b>\$1,419,600</b>		<b>\$452,800</b>	<b>\$12,900</b>
Priority A	\$1,410,000		\$452,800	\$12,900
Priority B	\$900			
Priority C	\$8,700			
<b>Total</b>	<b>\$1,419,600</b>		<b>\$452,800</b>	<b>\$12,900</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**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**

**Asset # : 2493**

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								
Concrete	50%			LIFE	**			A
	<i>Other Observation, Extent : Light, Area Affected : 40%</i>							
	<i>Location :</i>							
	<i>Explanation : Field Inspection Supplemented With Info From Biennial (typical)</i>							
Concrete	50%	4+	\$260,200	LIFE	**			A
	<i>Cracks, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : At Begin Abutment</i>							
Granite	100%			LIFE	**			A
Backwall								
Concrete	100%			LIFE	**			C
Brngs,Ancr Blts,Pads								
Steel	75%			LIFE	**			A
Steel	25%	2-4	\$172,900	LIFE	**			A
	<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Both Abutments</i>							
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	50%			LIFE	**			B
Generic	50%	2-4	\$134,700	LIFE	**			B
	<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : End Abutment</i>							
	<i>Explanation : Worn Out Filler</i>							
Mat (scour & erosion)								
Earth	100%			LIFE	**			B
Pedestals								
Concrete	85%			LIFE	**			A
Concrete	15%	4+	\$89,300	LIFE	**			A
	<i>Spalling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : At Begin Abutment</i>							
Stem (breastwall)								
Concrete	100%			LIFE	**			B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Begin Abutment</i>							
	<i>Explanation : Condition Repaired</i>							
Granite	100%			LIFE	**			B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Begin Abutment</i>							
	<i>Explanation : Condition Repaired</i>							
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
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**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

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	Priority Code
Wingwalls								
Piles								
Not Accessible	100%							D
Walls								
Granite	100%	4+	\$95,100	LIFE	**			C
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Masonry	100%			LIFE	**			C
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Begin Abutment</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$8,700	2026	**	4	\$8,100	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : At South Approach</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : New Asphalt At North Approach</i>								
Concrete	100%	4+	\$134,600	2034	**	4	\$30,800	C
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : At End Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Approach</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$6,800	LIFE	**			A
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : At End Approach</i>								
Granite	100%			LIFE	**			A
Embankment								
Generic	100%			LIFE	**			C
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%			2034	**			A
Granite	100%	4+	\$4,000	LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Joint Mortar</i>								
Steel	100%			LIFE	**			A
Sidewalks								
Asphalt	100%			2026	**	4		C
Concrete	100%			LIFE	**			C
Piers								

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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**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

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	
<b>Piers</b>								
Cap Beam								
Concrete Encased Steel	100%			LIFE	**	5	\$38,200	A
Steel	85%			LIFE	**	2-8	\$5,644,300	A
Steel	15%	4+	\$1,183,300	LIFE	**	2-8	\$3,374,000	A
<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : On Cantilever Portions Span 42 To End</i>								
<b>Pier,Columns</b>								
Concrete Encased Steel	50%			LIFE	**	5	\$1,900	B
Concrete Encased Steel	50%	0-2	\$1,106,800	LIFE	**	5	\$900	B
<i>Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : On Cantilever Portions Span 42 To End</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : On Cantilever Portions Span 42 To End</i>								
<b>Stem,Solid Pier</b>								
Masonry	80%			LIFE	**			B
Masonry	20%	4+	\$952,700	LIFE	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : On Face And Base Of Pier Respectively</i>								
<i>Explanation : Hollow Sound Area And Vertical Cracks And Vegetation Growth</i>								
<b>Brngs,Ancr Blts,Pads</b>								
Steel	60%			LIFE	**	2-8	\$290,900	A
Steel	40%	2-4	\$876,100	LIFE	**	2-8	\$173,900	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Joint Freezing, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Several Spans</i>								
<i>Explanation : Missing Anchor Bolts</i>								
<b>Footings</b>								
Not Accessible	100%							D
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			A
<b>Pedestals</b>								
Concrete	95%			LIFE	**			B
Concrete	5%	4+	\$36,800	LIFE	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Pier 41</i>								
<i>Explanation : Per Biennial Inspection Report The Right Wall Has A Crack In Pier 41 Which Propagates Into Pedestal</i>								
<b>Piles</b>								
Not Accessible	100%							D
<b>Deck Elements</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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			A
Granite	90%			LIFE	**			A
Granite	10%	4+	\$6,300	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<b>Guide Railing</b>								
Concrete	95%			2038	**			A
Concrete	5%	4+	\$30,700	2038	**			A
<i>Broken/Missing Element, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Railings/Parapets</b>								
Granite	100%			LIFE	**			A
Masonry	95%			2034	**	5	\$25,900	A
Masonry	5%	4+	\$11,000	2034	**	5	\$12,900	A
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout, Concentrated At Joints</i>								
<i>Explanation : Missing Mortar And Vegetation Growth At Base Of Parapet</i>								
Steel	100%	4+	\$250,700	LIFE	**	2-8	\$23,900	A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Base Of Railing, West Fascia Parapet</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Base Of Parapet, West Side Fascia</i>								
<i>Explanation : Vegetation Growth</i>								
<b>Sidewalks</b>								
Concrete	90%			2030	**	5	\$117,500	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Concrete	10%	4+	\$183,400	2030	**	5	\$58,700	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At East Fascia Sidewalk</i>								
<b>Wearing Surface</b>								
Concrete	95%			2034	**	5	\$650,000	C
Concrete	5%	2-4	\$83,700	2034	**	5	\$325,000	C
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracks, Map Cracks And Delaminated Area.</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total Of 28 Scuppers</i>								

**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**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**

**Asset # : 2493**

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	
<b>Superstructure</b>								
Deck, Structural								
Concrete	50%			LIFE	**	5	\$399,500	A
Concrete	50%	4+	\$2,920,500	LIFE	**	5	\$199,700	A
<i>Cracks, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Joints</b>								
Steel	80%			LIFE	**			C
Steel	15%	2-4	\$404,900	LIFE	**			C
<i>Leakage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Missing/damaged Seal</i>								
Steel	5%	Now	\$337,400	LIFE	**			C
<i>Broken/Missing Element, Extent : Severe, Area Affected : 100%</i>								
<i>Location : East Fascia Sidewalk</i>								
<hr/>								
<b>Primary Member</b>								
Concrete Encased Steel	70%			LIFE	**	5	\$1,829,000	A
Concrete Encased Steel	30%	2-4	\$3,555,900	LIFE	**	5	\$914,500	A
<i>Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Spans 1 to 40</i>								
<i>Explanation : Currently Under Repair</i>								
Steel	100%			LIFE	**	2-8	\$4,600,500	A
<i>Rust Stains, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Secondary Member</b>								
Concrete Encased Steel	100%			2053	**			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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE  
**Address** : PAGE AVE,AMBOY-RICHMOND VALLEY  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$656,800	\$1,483,300
<b>Total</b>	<b>\$656,800</b>	<b>\$1,483,300</b>
Priority A	\$283,700	\$488,300
Priority B		\$439,500
Priority C	\$373,100	\$555,500
<b>Total</b>	<b>\$656,800</b>	<b>\$1,483,300</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$136,700		\$88,700	
<b>Total</b>	<b>\$136,700</b>		<b>\$88,700</b>	
Priority A	\$31,900		\$44,600	
Priority B	\$100		\$44,100	
Priority C	\$104,800			
<b>Total</b>	<b>\$136,700</b>		<b>\$88,700</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**  
**SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE**

**Asset # : 2499**

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 Concrete	100%			LIFE	* *			A
Backwall Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads Generic	100%			LIFE	* *			A
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Pot Bearing</i>						
Footings								
Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	* *			B
Mat (scour & erosion) Generic	100%	4+	\$100	LIFE	* *			B
		<i>Broken/Missing Element, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random, Concrete Block Covered</i>						
		<i>Settlement, Extent : Light, Area Affected : 3%</i>						
		<i>Location : Random</i>						
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random</i>						
		<i>Explanation : Vegetation Growth</i>						
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+	\$26,900	LIFE	* *			C
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random</i>						
Stream Channel								
Bank Protection								
Concrete	100%	4+	\$306,800	LIFE	* *			C
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random</i>						
		<i>Spalling, Extent : Light, Area Affected : 3%</i>						
		<i>Location : Random</i>						
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random</i>						
		<i>Explanation : Exposed Reinforcement</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**  
**SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE**

**Asset # : 2499**

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	Priority Code
Stream Channel								
Mat (scour & erosion)								
Stream Bed	100%			LIFE	**			A
Approaches								
Pavement								
Asphalt	80%			2024	\$458,300	4	\$12,100	C
Asphalt	20%	4+	\$22,900	2028	**	4	\$8,100	C
	<i>Broken, Missing Pave, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random</i>							
	<i>Cracks, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Random</i>							
	<i>Settlement, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Random</i>							
Concrete	100%	4+	\$17,800	2032	**	4	\$30,800	C
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random</i>							
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,800	LIFE	**			A
	<i>Rust Stains, Extent : Severe, Area Affected : 75%</i>							
	<i>Location : Throughout</i>							
	<i>Settlement, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Northeast Corner Of Bridge</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random</i>							
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Steel	100%			LIFE	**	2-8	\$5,800	A
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%	4+	\$2,500	LIFE	**			C
	<i>Cracks, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random</i>							
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
Pier, Columns								
Concrete	100%			LIFE	**			B
Brngs, Anchr Blts, Pads								
Generic	100%			LIFE	**			A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Pot Bearing</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**  
**SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE**

**Asset # : 2499**

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								
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+	\$10,800	LIFE	**			A
<i>Rust Stains, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%	4+	\$19,300	2032	**	4	\$8,600	A
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Base Of Light Post Pedestals</i>								
<i>Efflorescence, Extent : Light, Area Affected : 3%</i>								
<i>Location : At Base Of Light Post Pedestals</i>								
<i>Rust Stains, Extent : Light, Area Affected : 3%</i>								
<i>Location : At Base Of Light Post Pedestals</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Explanation : Scaling</i>								
Steel	100%			LIFE	**	2-8	\$11,800	A
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Close To The End Approach</i>								
<i>Explanation : Vegetation Growth</i>								
Sidewalks								
Concrete	100%	4+	\$30,600	2028	**	5	\$11,100	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Explanation : Scaling</i>								
Wearing Surface								
Concrete	100%	4+	\$66,300	2032	**	5	\$97,200	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$283,700	LIFE	**	5	\$48,900	A
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random</i>								
<i>Efflorescence, Extent : Light, Area Affected : 3%</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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE**

**Asset # : 2499**

<b>Bridge Structure</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>	
Superstructure								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$820,800	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$687,600	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : SOUTH ST RAMP TO FDR/SOUTH ST  
**Address** : SOUTH ST,ENTRY RAMP TO FDR DR  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0027.0C0 / 4325 **Yr Built/Renovated** : 1954 /  
**Area Sq Ft** : 39,200 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 223201C

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$892,400	\$4,367,900
<b>Total</b>	<b>\$892,400</b>	<b>\$4,367,900</b>
Priority A	\$670,400	\$1,415,400
Priority B		\$964,400
Priority C	\$222,000	\$1,988,100
<b>Total</b>	<b>\$892,400</b>	<b>\$4,367,900</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$119,700	\$6,300	\$244,900	\$6,200
<b>Total</b>	<b>\$119,700</b>	<b>\$6,300</b>	<b>\$244,900</b>	<b>\$6,200</b>
Priority A	\$40,100		\$142,800	
Priority B	\$26,900		\$96,700	
Priority C	\$52,600	\$6,300	\$5,400	\$6,200
<b>Total</b>	<b>\$119,700</b>	<b>\$6,300</b>	<b>\$244,900</b>	<b>\$6,200</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**  
**SOUTH ST RAMP TO FDR/SOUTH ST**  
**Asset # : 4325**

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	Priority Code
<b>Abutments</b>								
Footings								
Not Accessible	100%							D
Stem (breastwall)								
Granite	100%			LIFE		**		B
<i>Broken/Missing Element, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Side Of The End Abutment</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Inside Cellular Abutment</i>								
<i>Explanation : A Furnished Office Space</i>								
<b>Wingwalls</b>								
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+	\$3,200	LIFE		**		C
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<b>Approaches</b>								
Pavement								
Asphalt	60%			2024	\$1,110,200	4	\$45,300	C
Asphalt	40%	2-4	\$222,000	2024	\$740,100	4	\$30,200	C
<i>Settlement, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Near End Of Approach</i>								
Curbs								
Concrete w/ Steel Face	70%			LIFE		**		A
Concrete w/ Steel Face	30%	4+	\$4,700	LIFE		**		A
<i>Corrosion, Extent : Light, Area Affected : 50%</i>								
<i>Location : About Bottom Part</i>								
<i>Settlement, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Various Locations</i>								
<i>Vegetation Growth, 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**  
**SOUTH ST RAMP TO FDR/SOUTH ST**  
**Asset # : 4325**

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	
<b>Approaches</b>								
Guide Railing								
Concrete	50%			2032	**	4	\$19,500	A
Concrete	50%	4+	\$61,300	2032	**	4	\$13,000	A
<i>Cracks, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Full Length</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Full Length</i>								
Granite	100%	4+	\$49,100	LIFE	**			A
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : On South Parapet</i>								
<b>Pavement Base</b>								
Not Accessible	100%							D
<b>Sidewalks</b>								
Concrete	70%			LIFE	**			C
Concrete	30%	2-4	\$8,200	LIFE	**			C
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : At The End</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<b>Piers</b>								
Cap Beam								
Steel	80%			LIFE	**	2-8	\$739,200	A
Steel	20%	4+	\$394,300	LIFE	**	2-8	\$739,200	A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Surface Rust Under Joints</i>								
<b>Pier,Columns</b>								
Steel	95%			LIFE	**	2-8	\$271,300	B
Steel	5%	4+	\$9,700	LIFE	**	2-8	\$271,300	B
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<b>Stem,Solid Pier</b>								
Granite	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 12%</i>								
<i>Location : Pier 7</i>								
<i>Explanation : On Pier 7 Is A Solid Stem Pier</i>								
<b>Brngs,Ancr Blts,Pads</b>								
Steel	80%			LIFE	**	2-8	\$500	A
Steel	20%	4+	\$5,300	LIFE	**	2-8	\$500	A
<i>Corrosion, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Pier 5</i>								
<b>Footings</b>								
Not Accessible	100%							D
<b>Deck Elements</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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete w/ Steel Face	70%			LIFE	**			A
Concrete w/ Steel Face	30%	4+	\$18,200	LIFE	**			A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
Railings/Parapets								
Concrete	100%			2032	**	4	\$4,200	A
Granite	100%			LIFE	**			A
Steel	88%			LIFE	**	2-8	\$11,500	A
Steel	12%	4+	\$4,100	LIFE	**	2-8	\$11,500	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : In Spans 2 And 3, Bottom</i>								
Sidewalks								
Concrete	70%			2028	**	5	\$10,800	C
Concrete	30%	4+	\$19,200	2028	**	5	\$5,400	C
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Wearing Surface								
Asphalt	75%			2024	\$103,400	5	\$12,400	C
Asphalt	25%	4+	\$6,900	2024	\$34,500	5	\$6,200	C
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
Concrete	100%			2032	**	5	\$12,600	C
Superstructure								
Deck, Structural								
Concrete	85%			LIFE	**	5	\$11,800	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Temporary Concrete Barrier Is Used For One Lane Closure</i>								
Concrete	15%	4+	\$87,700	LIFE	**	5	\$11,800	A
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Minor Cracks With Spalls In Span 2 To 5</i>								
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	90%			LIFE	**	2-8	\$724,700	A
Steel	10%	4+	\$78,000	LIFE	**	2-8	\$724,700	A
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Explanation : Paint Peeling</i>								
Secondary Member								
Steel	90%			LIFE	**	2-8	\$607,100	B
Steel	10%	4+	\$17,200	LIFE	**	2-8	\$607,100	B
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Under Joint Piers 2 And 5</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**  
**SOUTH ST RAMP TO FDR/SOUTH ST**  
**Asset # : 4325**

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : SOUTH ST/FDR SB RAMP  
Address : SOUTH ST,ENTRY RAMP TO FDR DR  
Borough : MANHATTAN Agency's Number : N/A  
Program / Asset # : DOT0027.0D0 / 4326 Yr Built/Renovated : 1954 /  
Area Sq Ft : 187,500 Project Type : HIGHWAY BRIDGES  
Date of Survey : 18-Jul-2011 Landmark Status : NONE  
Areas Surveyed :  
Block : Lot : BIN : 223201D

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$821,900	\$4,216,000
<b>Total</b>	<b>\$821,900</b>	<b>\$4,216,000</b>
Priority A	\$650,300	\$431,100
Priority B	\$126,900	\$3,784,900
Priority C	\$44,700	
<b>Total</b>	<b>\$821,900</b>	<b>\$4,216,000</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$14,200	\$31,700	\$418,300	
<b>Total</b>	<b>\$14,200</b>	<b>\$31,700</b>	<b>\$418,300</b>	
Priority A	\$14,200		\$38,700	
Priority B			\$379,600	
Priority C		\$31,700		
<b>Total</b>	<b>\$14,200</b>	<b>\$31,700</b>	<b>\$418,300</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**  
**SOUTH ST/FDR SB RAMP**  
**Asset # : 4326**

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								
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+	\$172,100	LIFE	**	2-8	\$224,300	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Steel	30%			LIFE	**	2-8	\$224,300	A
Steel	10%			LIFE	**	2-8	\$224,300	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pier 2</i>								
<i>Explanation : Covered By Temporary Shielding</i>								
Pier,Columns								
Steel	65%			LIFE	**	2-8	\$105,400	B
Steel	35%	4+	\$126,900	LIFE	**	2-8	\$105,400	B
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Riprap	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Visible Due To High Tide</i>								
Pedestals								
Concrete	100%			LIFE	**			B
Deck Elements								
Railings/Parapets								
Concrete	100%			2032	**	4	\$42,500	A

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

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	50%			2032	**	5	\$63,400	C
Concrete	50%	4+	\$44,700	2032	**	5	\$31,700	C
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
Superstructure								
Deck, Structural								
Concrete	85%	4+	\$60,600	LIFE	**	5	\$22,600	A
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Topside Of Deck</i>								
Concrete	15%	4+	\$10,700	LIFE	**	5	\$22,600	A
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Topside Of Deck</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 2 And 3</i>								
<i>Explanation : Covered By Temporary Shielding</i>								
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	85%	4+	\$406,900	LIFE	**	2-8	\$88,700	A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
Steel	15%			LIFE	**	2-8	\$88,700	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Span 2 And 3</i>								
<i>Explanation : Covered By Temporary Shielding</i>								
Secondary Member								
Steel	85%			LIFE	**	2-8	\$2,903,700	B
<i>Rust Stains, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random</i>								
Steel	15%			LIFE	**	2-8	\$2,903,700	B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 2 And 3</i>								
<i>Explanation : Covered With Temporary Shielding</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : STILLWELL AVE. BRIDGE  
**Address** : CONEY ISLAND CREEK  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0164.000 / 13572 **Yr Built/Renovated** :  
**Area Sq Ft** : 17,000 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 11-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2240540

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$375,600	\$35,900
<b>Total</b>	<b>\$375,600</b>	<b>\$35,900</b>
Priority B	\$153,400	
Priority C	\$222,200	\$35,900
<b>Total</b>	<b>\$375,600</b>	<b>\$35,900</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$82,100		\$500	
<b>Total</b>	<b>\$82,100</b>		<b>\$500</b>	
Priority A	\$39,900		\$500	
Priority C	\$42,100			
<b>Total</b>	<b>\$82,100</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**  
**STILLWELL AVE. BRIDGE**  
**Asset # : 13572**

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								
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+	\$153,400	LIFE			* *	B
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Throughout Concrete Headers</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : North Abutment</i>					
			<i>Explanation : Water Leakage Through Joint</i>					
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
Stream Channel								
Bank Protection								
Riprap	100%			LIFE			* *	C
Mat (scour & erosion)								
Earth	100%			LIFE			* *	A
Approaches								
Pavement								
Concrete	100%	4+	\$62,100	2034			* * 4 \$39,400	C
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations 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**  
**STILLWELL AVE. BRIDGE**  
**Asset # : 13572**

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	
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$16,100	LIFE	**			A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Steel	100%			LIFE	**	2-8	\$9,000	A
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%	2-4	\$160,100	LIFE	**			C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Northeast Corner And Southeast Corner</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							D
Pier,Columns								
Not Accessible	100%							D
Stem,Solid Pier								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$13,700	LIFE	**			A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$17,700	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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%	4+	\$15,400	2030	* *	5	\$5,100	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$26,700	2034	* *	5	\$35,900	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Side Of The Deck</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK  
**Address** : TIFFANY STREET  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0182.000 / 13716 **Yr Built/Renovated** : 1908 /  
**Area Sq Ft** : 7,267 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2241170

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure		\$626,200
<b>Total</b>		<b>\$626,200</b>
Priority B		\$71,900
Priority C		\$554,300
<b>Total</b>		<b>\$626,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$59,500		\$7,300	\$1,700
<b>Total</b>	<b>\$59,500</b>		<b>\$7,300</b>	<b>\$1,700</b>
Priority A			\$100	
Priority B	\$14,500		\$7,200	
Priority C	\$45,000			\$1,700
<b>Total</b>	<b>\$59,500</b>		<b>\$7,300</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**  
**TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK**  
**Asset # : 13716**

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									
Not Accessible	100%							D	
Backwall									
Not Accessible	100%							D	
Brngs,Ancr Blts,Pads									
Not Accessible	100%							D	
Footings									
Not Accessible	100%							D	
Joint with Deck									
Generic	100%	4+	\$14,500	LIFE		* *		B	
<i>Loose Elements, Extent : Light, Area Affected : 15%</i>									
<i>Location : Both Abutments</i>									
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									
Concrete	100%			LIFE		* *		C	
Not Accessible	100%							D	
Approaches									
Pavement									
Asphalt	100%	4+	\$27,700	2025	\$554,300	4	\$12,100	C	
<i>Cracks, Extent : Light, Area Affected : 10%</i>									
<i>Location : Random Locations</i>									
<i>Settlement, Extent : Light, Area Affected : 10%</i>									
<i>Location : Random Locations</i>									
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Both Approaches</i>									
<i>Explanation : Consists Of 50 Percent Asphalt And 50 Percent Concrete</i>									
Concrete	100%	4+	\$6,700	2033		* *	4	\$18,100	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>									
<i>Location : Random Locations</i>									
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
<b>Approaches</b>								
Guide Railing Concrete	100%			2033	**	4		A
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Both Approaches</i>							
	<i>Explanation : Consists Of 50 Percent Concrete and 50 Percent Metal Fence</i>							
Steel	100%			LIFE	**	2-8		A
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations</i>							
<b>Sidewalks</b>								
Concrete	95%			LIFE	**			C
Concrete	5%	4+	\$1,400	LIFE	**			C
	<i>Cracks, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Random Locations</i>							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			A
	<i>Corrosion, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
<b>Railings/Parapets</b>								
Concrete	100%			2033	**	4		A
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Both Sides</i>							
	<i>Explanation : Consists Of 50 Percent Concrete And 50 Percent Corrugated Steel Sheeting</i>							
Steel	100%			LIFE	**	2-8	\$3,700	A
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations</i>							
<b>Sidewalks</b>								
Concrete	100%			2029	**	5	\$3,500	C
<b>Wearing Surface</b>								
Concrete	100%	4+	\$9,100	2033	**	5	\$20,600	C
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%			LIFE	**	5	\$8,000	A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Span 1 Underside Of Deck</i>							
	<i>Explanation : Stay In Place Forms Only At Utility Bays. Remainder Concrete Topping Over Box Beams</i>							
<b>Primary Member</b>								
Prestressed Concrete Box Beam	100%			LIFE	**			A
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$112,500	B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Span 1</i>							
	<i>Explanation : Secondary Steel Members Located Inside Of Box Beams Are 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.



**DEPARTMENT OF TRANSPORTATION - 841  
TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK  
Asset # : 13716**

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD  
 Address : BEDFORD PK BLVD,JEROME-PAUL AV  
 Borough : BRONX Agency's Number : N/A  
 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

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$102,500	\$654,000
<b>Total</b>	<b>\$102,500</b>	<b>\$654,000</b>
Priority C	\$102,500	\$654,000
<b>Total</b>	<b>\$102,500</b>	<b>\$654,000</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$41,500		\$700	
<b>Total</b>	<b>\$41,500</b>		<b>\$700</b>	
Priority A	\$7,200		\$700	
Priority C	\$34,300			
<b>Total</b>	<b>\$41,500</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**  
**TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD**  
**Asset # : 2484**

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								
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
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Both Sides</i>					
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+	\$11,500	2024	\$572,900	4	\$8,100	C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Cracks And Small Potholes At Eastern Approach</i>					
Concrete	100%	4+	\$17,800	2032		4	\$30,800	C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : At Joint Of West Abutment</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	A
			<i>Corrosion, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random</i>					
Guide Railing								
Concrete	100%			2032		4		A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%	4+	\$5,100	LIFE			* *	C
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Throughout, Crack At Northeast</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**  
**TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD**  
**Asset # : 2484**

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									
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	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>									
<i>Location : Random</i>									
Railings/Parapets									
Concrete	100%			2032		**	4	\$21,500	A
Steel	100%			LIFE		**	2-8	\$19,700	A
Sidewalks									
Concrete	100%	4+	\$47,200	2028		**	5	\$17,100	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>									
<i>Location : Map Cracking At Southern Sidewalk, Random Cracks Throughout Both</i>									
Wearing Surface									
Concrete	100%	4+	\$55,300	2032		**	5	\$81,100	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>									
<i>Location : Random</i>									
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS  
**Address** : W205TH ST, JEROME-PAUL AVES  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0060.000 / 2485 **Yr Built/Renovated** : 1935 /  
**Area Sq Ft** : 37,800 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 28-Oct-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2241940

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$191,900	
<b>Total</b>	<b>\$191,900</b>	
Priority C	\$191,900	
<b>Total</b>	<b>\$191,900</b>	

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$74,900		\$600	
<b>Total</b>	<b>\$74,900</b>		<b>\$600</b>	
Priority A	\$40,500		\$600	
Priority B	\$34,400			
Priority C				
<b>Total</b>	<b>\$74,900</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**  
**TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS**

**Asset # : 2485**

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								
Not Accessible	100%							D
Backwall								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	4+	\$14,700	LIFE		**		B
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Along West Joint Header</i>								
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Concrete	90%			LIFE		**		B
Concrete	10%	4+	\$19,700	LIFE		**		B
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast Corner</i>								
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+	\$114,600	2026		**	4	\$8,100 C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Approach</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : East Approach</i>								
<i>Explanation : Uneven Surface</i>								
Concrete	100%	4+	\$35,600	2034		**	4	\$61,700 C
<i>Delaminations, Extent : Light, Area Affected : 5%</i>								
<i>Location : Along West Joint Header</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Joint Header</i>								
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**  
**TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS**

**Asset # : 2485**

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	Priority Code
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%	4+	\$2,600	2034	**			A
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Northwest Corner</i>					
Steel	100%			LIFE	**			A
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Chain Link Fence</i>					
Sidewalks								
Concrete	100%			LIFE	**			C
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
Railings/Parapets								
Concrete	100%	4+	\$27,800	2034	**	4	\$12,400	A
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : North Side</i>					
Steel	100%			LIFE	**	2-8	\$26,200	A
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Chain Link Fence</i>					
Sidewalks								
Concrete	100%	4+	\$41,700	2033	**	5	\$15,100	C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Wearing Surface								
Concrete	100%			2038	**	5		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**  
**TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS**

**Asset # : 2485**

<b>Bridge Structure</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>	
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.*

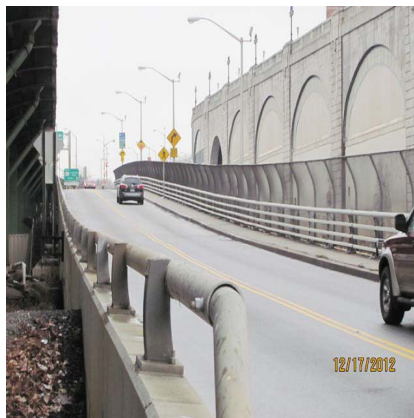
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH  
**Address** : RAMP TO W. 158TH STREET / AMTRAK RAILS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0157.000 / 13520 **Yr Built/Renovated** :  
**Area Sq Ft** : 29,170 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245250

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$107,200	\$918,600
<b>Total</b>	<b>\$107,200</b>	<b>\$918,600</b>
Priority A	\$71,800	\$288,700
Priority B	\$35,400	\$288,700
Priority C		\$341,200
<b>Total</b>	<b>\$107,200</b>	<b>\$918,600</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$131,900		\$58,900	\$7,400
<b>Total</b>	<b>\$131,900</b>		<b>\$58,900</b>	<b>\$7,400</b>
Priority A	\$61,100		\$29,900	
Priority B			\$29,000	
Priority C	\$70,800			\$7,400
<b>Total</b>	<b>\$131,900</b>		<b>\$58,900</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**  
**WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH**  
**Asset # : 13520**

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)	
Abutments							
Bridge Seat&pedestals Not Accessible	100%						D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
<i>Location : South End</i>							
<i>Explanation : One Abutment Exists At This Bridge</i>							
Backwall							
Not Accessible	100%						D
Brngs,Ancr Blts,Pads							
Not Accessible	100%						D
Footings							
Not Accessible	100%						D
Joint with Deck							
Generic	100%	4+	\$35,400	LIFE		* *	B
<i>Leakage, Extent : Light, Area Affected : 50%</i>							
<i>Location : Random Locations</i>							
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
<i>Location : Random Locations</i>							
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
<i>Location : At Sidewalk At End Of Abutment</i>							
<i>Explanation : Damaged/ Misaligned Expansion Joint Membrane</i>							
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							
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**  
**WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH**  
**Asset # : 13520**

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	
Approaches								
Pavement								
Asphalt	100%	4+	\$5,000	2025	\$251,700	4	\$7,000	C
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Abutment</i>								
<i>Explanation : Asphalt</i>								
Concrete	100%	4+	\$16,200	2033	**	4	\$55,500	C
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Abutment</i>								
<i>Explanation : Concrete</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations</i>								
Guide Railing								
Steel	100%			LIFE	**	2-8	\$15,500	A
Sidewalks								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Concrete	100%	4+	\$21,500	LIFE	**			A
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Pier 5</i>								
Pier,Columns								
Concrete	100%			LIFE	**			B
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Pier 6</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Pier 6</i>								
<i>Explanation : Map Cracks</i>								
Brngs,Ancr Blts,Pads								
Steel	100%	4+	\$33,300	LIFE	**	2-8	\$9,800	A
<i>Corrosion, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	100%			LIFE	**			B
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**  
**WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH**  
**Asset # : 13520**

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	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Guide Railing								
Steel	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%	4+	\$6,400	2033	**	4	\$400	A
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Span 4</i>							
Steel	100%			LIFE	**	2-8	\$4,600	A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : East And West Side</i>							
	<i>Explanation : Steel Railing And Concrete Parapet. Steel Fence At East Side</i>							
Sidewalks								
Concrete	100%			2029	**	5	\$14,700	C
Wearing Surface								
Concrete	100%	4+	\$30,900	2033	**	5	\$89,500	C
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : Scattered Throughout</i>							
Scupper								
Ductile Iron	100%			LIFE	**			C
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$71,800	LIFE	**	5	\$32,100	A
	<i>Settlement, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : South Abutment End At Scupper Grating</i>							
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Various Locations Throughout Spans 2, 3, 4, And 6</i>							
	<i>Explanation : Stay In Place Forms Removed</i>							
Joints								
Generic	100%	2-4	\$18,600	LIFE	**			C
	<i>Leakage, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Span 3</i>							
	<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Span 4 Expansion Joint</i>							
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Span 4</i>							
	<i>Explanation : Sealant Missing</i>							
Primary Member								
Steel	100%			LIFE	**	2-8	\$539,300	A
	<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Span 6</i>							
Secondary Member								
Steel	100%			LIFE	**	2-8	\$451,700	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  
WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH  
Asset # : 13520**

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

Asset Name : WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/P&W  
 Address : WESTCHESTER AVE.  
 Borough : BRONX      Agency's Number : N/A  
 Program / Asset # : DOT0161.000 / 13569      Yr Built/Renovated : 1907 /  
 Area Sq Ft : 15,600      Project Type : HIGHWAY BRIDGES  
 Date of Survey : 30-Oct-2013      Landmark Status : NONE  
 Areas Surveyed :  
 Block :      Lot :      BIN : 2241230

**CAPITAL**

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**Total**

Priority

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**Total**

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$40,500		\$400	\$34,900
<b>Total</b>	<b>\$40,500</b>		<b>\$400</b>	<b>\$34,900</b>
Priority A	\$10,000		\$400	
Priority C	\$30,500			\$34,900
<b>Total</b>	<b>\$40,500</b>		<b>\$400</b>	<b>\$34,900</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**  
**WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/P&W**

**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
<b>Abutments</b>								
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%			LIFE		**		B
								<i>Cracks, Extent : Moderate, Area Affected : 10%</i>
								<i>Location : Northwest Corner</i>
								<i>Spalling, Extent : Moderate, Area Affected : 10%</i>
								<i>Location : Northwest And Southeast Sides</i>
								<i>Other Observation, Extent : Light, Area Affected : 10%</i>
								<i>Location : Northwest Joint</i>
								<i>Explanation : Vegetation</i>
Mat (scour & erosion)								
Earth	100%			LIFE		**		B
Pedestals								
Not Accessible	100%							D
Stem (breastwall)								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		**		C
Piles								
Not Accessible	100%							D
Walls								
Not Accessible	100%							D
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$22,800	2026		**	4	\$18,600 C
								<i>Cracks, Extent : Light, Area Affected : 10%</i>
								<i>Location : Random Locations Throughout</i>
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		A
								<i>Cracks, Extent : Light, Area Affected : 2%</i>
								<i>Location : East Approach South Side</i>
								<i>Rust Stains, Extent : Light, Area Affected : 15%</i>
								<i>Location : Throughout</i>
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**  
**WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/P&W**  
**Asset # : 13569**

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	Priority Code
<b>Approaches</b>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		A
Railings/Parapets								
Concrete	100%	4+	\$6,000	2034		**		A
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE		**		A
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Steel Panel Wall</i>					
Sidewalks								
Concrete	100%	4+	\$7,600	LIFE		**		C
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Piers</b>								
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
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		A
			<i>Rust Stains, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
Median								
Concrete	100%			LIFE		**	5	\$1,400
Railings/Parapets								
Concrete	100%			2034		**	4	\$400
Steel	100%			LIFE		**	2-8	\$8,700
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Steel Panel Wall</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  
WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/P&W**

**Asset # : 13569**

<b>Bridge Structure</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>	
Deck Elements								
Sidewalks								
Concrete	100%			2030	* *	5	\$7,500	C
Wearing Surface								
Concrete	100%			2034	* *	5	\$69,800	C
Superstructure								
Deck,Structural								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Material Is Concrete</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER  
**Address** : HARLEM RIVER, HARLEM RIV DR.  
**Borough** : MANHATTAN:BX. **Agency's Number** : N/A  
**Program / Asset #** : DOT0043.000 / 2468 **Yr Built/Renovated** : 1900 / 2007  
**Area Sq Ft** : 56,732 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 29-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240089

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$2,481,000	\$1,331,700
<b>Total</b>	<b>\$2,481,000</b>	<b>\$1,331,700</b>
Priority A	\$933,900	\$933,900
Priority B	\$506,900	\$397,800
Priority C	\$1,040,200	
<b>Total</b>	<b>\$2,481,000</b>	<b>\$1,331,700</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$371,900	\$26,700	\$126,800	
Bridge Electrical	\$8,600	\$7,400	\$7,400	\$7,400
Bridge Mechanical	\$49,200	\$71,800	\$53,900	\$71,800
<b>Total</b>	<b>\$429,600</b>	<b>\$105,900</b>	<b>\$188,000</b>	<b>\$79,200</b>
Priority A	\$299,400		\$86,900	
Priority B	\$130,200	\$79,200	\$101,100	\$79,200
Priority C		\$26,700		
<b>Total</b>	<b>\$429,600</b>	<b>\$105,900</b>	<b>\$188,000</b>	<b>\$79,200</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**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**

**Asset # : 2468**

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	
<b>Abutments</b>								
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
<b>Wingwalls</b>								
Footings Not Accessible	100%							D
Piles Not Accessible	100%							D
Walls Granite	100%			LIFE	**			C
<b>Stream Channel</b>								
Bank Protection Concrete	100%	2-4	\$1,040,200	LIFE	**			C
			<i>Spalling, Extent : Severe, Area Affected : 25%</i>					
			<i>Location : The Concrete Bulkhead Under Span 3 On The Right Side Is Spalled On Rotting Timber Cribbing.</i>					
Riprap	100%			LIFE	**			C
Timber	100%			2033	**			C
Mat (scour & erosion) Not Accessible	100%							D
Pier Protection Timber	10%	0-2	\$109,100	LIFE	**			B
			<i>Broken/Missing Element, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Pier 3 &amp; 5 Right Side Dolphins</i>					
			<i>Rotted, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Piers 3 &amp; 5</i>					
			<i>Split/Dry/Cracked, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Piers 3 &amp; 5</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Piers 3 &amp; 5</i>					
			<i>Explanation : Exhibits Impact Damage To Dolphins.</i>					
Timber	90%			LIFE	**			B
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Pier 4</i>					
			<i>Explanation : New Pier Protection.</i>					
<b>Approaches</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**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**

**Asset # : 2468**

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	
Approaches								
Pavement								
Asphalt	100%			2029	**	4	\$80,000	C
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Guide Railing								
Steel	100%			LIFE	**	2-8		A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Piers 6 &amp; 7.</i>						
		<i>Explanation : Concrete Cap Beam</i>						
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Piers 1 - 3 &amp; 5 Thru. 7.</i>						
		<i>Explanation : Concrete Pier Stem</i>						
Granite	100%			LIFE	**			B
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Pier 3 &amp; 5.</i>						
		<i>Explanation : Granite Facade.</i>						
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2055	**			A
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Piers 1 - 3 &amp; 5 Thru. 7.</i>						
		<i>Explanation : Elastomeric Brg. For Spans 1 - 3 &amp; 6 - 8.</i>						
Steel	100%			LIFE	**	2-8		A
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Piers 3, 4, 5.</i>						
		<i>Explanation : Steel Brgs. For Spans 4 &amp; 5.</i>						
Footings								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	**			B
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1 - 3 &amp; 6 Thru. 8.</i>						
		<i>Explanation : Spans 1 - 3 &amp; 6 Thru. 8.</i>						
Guide Railing								
Steel	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 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	
Deck Elements								
Railings/Parapets								
Steel	75%			LIFE	**	2-8	\$46,900	A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 3 &amp; 6 - 8.</i>								
<i>Explanation : Chain Link Fence Both Sides</i>								
Steel	25%			LIFE	**	2-8	\$46,900	A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 4 &amp; 5.</i>								
<i>Explanation : Chain Link Fence And Pedestrian Railing On Both Sides.</i>								
Sidewalks								
Concrete	100%			2035	**	5	\$29,000	C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 3 &amp; 6 Thru. 8.</i>								
<i>Explanation : Spans 1 - 3 &amp; 6 Thru. 8.</i>								
Grating w/ Concrete	100%			2055	**			C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 4 &amp; 5.</i>								
<i>Explanation : Spans 4 &amp; 5.</i>								
Wearing Surface								
Asphalt	100%			2030	**	5	\$45,500	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$138,300	A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 &amp; 6 Thru. 8.</i>								
<i>Explanation : Spans 1, 3 &amp; 6 Thru. 8.</i>								
Grating w/ Concrete	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 4 &amp; 5.</i>								
<i>Explanation : Spans 4 &amp; 5.</i>								
Joints								
Steel	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 3 &amp; 5.</i>								
<i>Explanation : Piers 3 &amp; 5.</i>								
Generic	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1, 2 &amp; 6 Thru. 7.</i>								
<i>Explanation : Piers 1, 2 &amp; 6 Thru. 7.</i>								

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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 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								
Primary Member								
Concrete	100%			LIFE	**	5		A
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Span 2.</i>						
		<i>Explanation : Span 2.</i>						
Steel	100%			LIFE	**	2-8	\$2,707,800	A
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1, 3 &amp; 6 Thru. 8.</i>						
		<i>Explanation : Spans 1, 3 &amp; 6 Thru. 8.</i>						
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,092,600	B
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1, 3 &amp; 6 Thru. 8.</i>						
		<i>Explanation : Spans 1, 3 &amp; 6 Thru. 8.</i>						
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%			2025	\$14,000			B
Telephone								
Desk Top	100%			2025				B
Control System Electrical								
Computer								
PLC	100%	Now	\$1,200	2025	\$24,000			B
		<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Machinery Room</i>						
		<i>Explanation : Ups For Plc Power Has Failed And Is Bypassed.</i>						
Control Console								
Stainless Steel	100%			LIFE	**			B
Control Devices								
Relay	100%			2045	**			B
Disconnect Switch								
Non Fused	100%			2045	**	1	\$35,900	B
Limit Switch								
Generic	100%			2045	**			B
Local Starter								
Magnetic	100%			2045	**			B

Drive

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**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**

**Asset # : 2468**

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								
Machinery Brake Thruster	100%			2055	* *	1	\$600	B
Motor Brake Thruster	100%			2055	* *	1	\$1,100	B
Electrical Power								
MCC Generic	100%			2045	* *			B
PanelBoard Circuit Breaker	100%			2045	* *	1	\$6,700	B
Transfer Switch Auto	100%			2045	* *			B
Transformer Dry	100%			2045	* *			B
Exterior Lighting								
Lighting Contactor Generic	100%			2045	* *	1	\$5,600	B
Lighting Fixture HID	100%			2025				B
Ground/Lightning Protection								
Ground Bus Copper	100%			2030	* *			B
Ground Rod Not Accessible	100%							D
Ground Wire Green	100%			2030	* *			B
Lightning Terminals Copper	100%			2025	\$1,300			B
Interior Lighting								
Exit Lighting Battery Operated	100%			2030	* *			B
Lighting Fixture Fluorescent	100%			2030	* *	1	\$5,600	B
Navigation Lighting								
Fender Lighting Incandescent	100%			2025		1	\$3,400	B
Pier Lighting Incandescent	100%			2025		1	\$4,500	B
Span Lighting Incandescent	100%			2025		1	\$2,300	B
Raceway								
Box Terminal	100%			2035	* *	1	\$4,500	B
Collector Ring Metal	100%			2035	* *			B
Communications Twisted Shielded pair	100%			2025				B

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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 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								
Conduit								
Metal	100%			2065	* *			B
Submarine Control Cables								
Control	100%			2030	* *			B
Submarine Power Cable								
Power	100%			2030	* *			B
Wires								
Thermoplastic	100%			2045	* *			B
Stand-by Power								
Transfer Switch								
Auto	100%			2045	* *			B
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2025		1	\$1,100	B
Traffic Gate Lighting								
Incandescent	100%			2025		1	\$1,100	B
Traffic Gong								
Generic	100%			2025		1	\$600	B
Traffic Signal								
Generic	100%			2025		1	\$600	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	
Swing								
Center Latch								
Generic	100%			2065	* *	2	\$22,500	B
Center Pivot/Rim Assembly								
Generic	100%			2065	* *	2	\$67,400	B
Emergency Drive								
Emergency Power	100%			2065	* *	2	\$44,900	B
End Lift								
Generic	100%	Now	\$24,500	2065	* *	2	\$35,900	B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : End Lift</i> <i>Explanation : Minor Oil Leakage. One Wheel Does Not Have Full Bearing</i>								
Fuel Tanks								
Generic	100%			2045	* *			B
Houses								
Control House								
Control House	100%	Now	\$4,600	2065	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Bathroom</i> <i>Explanation : Plumbing For The Bathroom Requires Repair.</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**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**

**Asset # : 2468**

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								
Main Drive System								
Generic	50%	Now	\$13,800	2065	* *	2	\$179,600	B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Drive Machinery</i>								
<i>Explanation : Pinion Bearing Bolts Require Paint. Secondary Reducers Do Not Have Sight Gauge</i>								
Generic	50%			2065	* *	2	\$224,500	B
Live Load Supports								
Generic	100%			2040	* *			B
Traffic Devices								
Barrier Gate	100%			2040	* *			B
Warning Gate	100%	Now	\$6,300	2040	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Nw &amp; Ne Gate</i>								
<i>Explanation : Two Cwt Arms Are Bent.</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK  
**Address** : BELT SHORE PKWY AT FRESH CREEK  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0134.000 / 4214 **Yr Built/Renovated** : 1931 /  
**Area Sq Ft** : 23,021 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 16-Jul-2008 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231509

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$7,618,500	\$1,905,300
<b>Total</b>	<b>\$7,618,500</b>	<b>\$1,905,300</b>
Priority A	\$7,049,400	\$418,100
Priority B	\$474,000	\$418,100
Priority C	\$95,100	\$1,069,200
<b>Total</b>	<b>\$7,618,500</b>	<b>\$1,905,300</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$37,600		\$84,400	
<b>Total</b>	<b>\$37,600</b>		<b>\$84,400</b>	
Priority A	\$4,900		\$42,500	
Priority B			\$41,900	
Priority C	\$32,800			
<b>Total</b>	<b>\$37,600</b>		<b>\$84,400</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**  
**BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK**

**Asset # : 4214**

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)	
<b>Abutments</b>							
Bridge Seat&pedestals Not Accessible	100%						D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
<i>Location :</i>							
<i>Explanation : The Bridge Abutments Were Rehabilitated Since Last Inspection.</i>							
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+	\$266,600	LIFE	**		B
<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>							
<i>Location : Random</i>							
<i>Spalling, Extent : Light, Area Affected : 2%</i>							
<i>Location : Random</i>							
<b>Wingwalls</b>							
Footings Not Accessible	100%						D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
<i>Location :</i>							
<i>Explanation : The Bridge Wingwalls were Rehabilitated Since Last Inspection.</i>							
Mat (scour & erosion) Earth	100%			LIFE	**		C
Piles Not Accessible	100%						D
Walls Concrete	50%			LIFE	**		C
Concrete	50%	4+	\$95,100	LIFE	**		C
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 2%</i>							
<i>Location : Beginning Abutment</i>							
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>							
<i>Location : Beginning Abutment</i>							
<b>Stream Channel</b>							
Bank Protection Riprap	100%			LIFE	**		C
Mat (scour & erosion) Stream Bed	100%			LIFE	**		A
Pier Protection Timber	100%	4+	\$135,400	LIFE	**		B
<i>Rotted, Extent : Light, Area Affected : 20%</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**  
**BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK**

**Asset # : 4214**

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	
Approaches								
Pavement								
Asphalt	100%	4+	\$10,400	2020	\$520,700	4	\$7,900	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Along Center Line And Random Transverse</i>								
Curbs								
Concrete	100%	4+	\$1,300	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Old Repair, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
Embankment								
Generic	100%			LIFE	**			C
Guide Railing								
Steel	100%	4+	\$2,900	LIFE	**	2-8	\$5,300	A
<i>Damaged Railing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Asphalt	100%	4+	\$1,900	2020	\$38,500	4	\$1,200	C
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
Piers								
Cap Beam								
Concrete	100%	4+	\$58,200	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Piers</i>								
<i>Explanation : The Bridge Pier Caps Were Rehabilitated Since Last Inspection.</i>								
Pier,Columns								
Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Pier Columns</i>								
<i>Explanation : The Bridge Pier Columns Were Rehabilitated Since Last Inspection.</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
<b>Piers</b>								
Pedestals								
Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Pier Pedestals</i>								
<i>Explanation : The Bridge Piers Pedestals Were Rehabilitated Since Last Inspection.</i>								
<b>Deck Elements</b>								
Curbs								
Concrete	100%			2039	**			A
<i>Old Repair, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
Guide Railing								
Steel	100%			LIFE	**			A
Median								
Concrete	95%			LIFE	**	5	\$2,000	A
Concrete	5%	4+	\$700	LIFE	**	5	\$2,000	A
<i>Old Repair, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Steel	100%	4+	\$36,400	LIFE	**	2-8	\$11,200	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Sidewalks								
Concrete	100%	4+	\$3,400	2024	\$169,600	5	\$1,300	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Right And Left Sidewalks</i>								
Wearing Surface								
Asphalt	100%	4+	\$17,000	2020	\$340,400	5	\$14,200	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Over Piers And At Abutments</i>								
<i>Old Repair, Extent : Light, Area Affected : 2%</i>								
<i>Location : Over Pier</i>								
<b>Superstructure</b>								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$23,200	A
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Underside</i>								
<i>Explanation : The Bridge Deck Was Rehabilitated Since Last Inspection.</i>								
Joints								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Joints Paved Over</i>								

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**DEPARTMENT OF TRANSPORTATION - 841  
BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK**

**Asset # : 4214**

<b>Bridge Structure</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>	
<b>Superstructure</b>								
<b>Primary Member</b>								
Steel	80%			LIFE	**	2-8	\$390,400	A
Steel	20%	4+	\$6,954,800	LIFE	**	2-8	\$390,400	A
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location :</i>								
<hr/>								
<b>Secondary Member</b>								
Steel	90%			LIFE	**	2-8	\$327,100	B
Steel	10%	4+	\$72,000	LIFE	**	2-8	\$327,100	B
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random</i>								
<hr/>								

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER  
**Address** : HARLEM RIVER, B'WAY  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0044.070 / 2558 **Yr Built/Renovated** :  
**Area Sq Ft** : 38,100 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 28-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240137

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$5,175,000	\$1,638,600
Bridge Electrical	\$2,359,500	\$5,395,300
Bridge Mechanical	\$3,561,100	
<b>Total</b>	<b>\$11,095,500</b>	<b>\$7,033,900</b>
Priority A	\$4,459,100	\$753,500
Priority B	\$6,297,300	\$5,772,100
Priority C	\$339,200	\$508,300
<b>Total</b>	<b>\$11,095,500</b>	<b>\$7,033,900</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$309,100		\$120,900	
Bridge Electrical	\$84,200			
Bridge Mechanical	\$31,100			
<b>Total</b>	<b>\$424,400</b>		<b>\$120,900</b>	
Priority A	\$191,200		\$77,000	
Priority B	\$201,500		\$37,800	
Priority C	\$31,700		\$6,000	
<b>Total</b>	<b>\$424,400</b>		<b>\$120,900</b>	



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**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	Priority Code
Abutments								
Bridge Seat&pedestals Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : North Abutment - Mta Track. South Abutment - Fenced Off Area.</i> <i>Explanation : North Abutment - Mta Track. South Abutment - Fenced Off Area.</i>								
Backwall								
Granite	100%			LIFE		* *		C
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Begin Abutment</i> <i>Explanation : Begin Abutment</i>								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : North Abutment - Mta Track.</i> <i>Explanation : North Abutment - Mta Track.</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : North Abutment - Mta Track. South Abutment - Fenced Off Area.</i> <i>Explanation : North Abutment - Mta Track. South Abutment - Fenced Off Area.</i>								
Footings								
Not Accessible	100%							D
Joint with Deck								
Steel	100%			LIFE		* *		B
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : End Abutment</i> <i>Explanation : End Abutment</i>								
Generic	100%			LIFE		* *		B
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Begin Abutment</i> <i>Explanation : Begin Abutment</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		B
Pedestals								
Concrete	90%			LIFE		* *		A
Concrete	10%	2-4	\$500	LIFE		* *		A
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i> <i>Location : End Abutment Center Pedestal</i> <i>Spalling, Extent : Moderate, Area Affected : 2%</i> <i>Location : End Abutment Center Pedestal</i>								
Stem (breastwall)								
Concrete	100%			LIFE		* *		B
Walls								
Not Accessible	100%							D
Wingwalls								
Footings								
Not Accessible	100%							D

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**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								
Mat (scour & erosion)								
Earth	100%			LIFE	**			C
Walls								
Concrete	100%	2-4	\$224,500	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%	4+	\$12,400	LIFE	**			C
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Bank</i>								
Riprap	75%			LIFE	**			C
Riprap	25%	0-2	\$3,400	LIFE	**			C
<i>Erosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Missing Riprap Causing Erosion Of Earth Near Begin Abutment</i>								
Timber	100%			2030	**			C
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	80%			LIFE	**			B
Timber	20%	4+	\$17,600	LIFE	**			B
<i>Rotted, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 1 &amp; 2 Top Of Dolphin Piles.</i>								
Approaches								
Pavement								
Asphalt	100%			2030	**	4	\$12,100	C
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Embankment								
Earth	100%			LIFE	**			C
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Sidewalks								
Concrete	100%			LIFE	**			C
Piers								
Footings								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Piers 1 &amp; 2.</i>								
<i>Explanation : Piers 1 &amp; 2.</i>								

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**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	Priority Code
<b>Piers</b>								
Mat (scour & erosion)								
Not Accessible	100%							D
<b>Pedestals</b>								
Concrete	100%			LIFE	**			B
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Piers 1 &amp; 2.</i>						
		<i>Explanation : Piers 1 &amp; 2.</i>						
<b>Deck Elements</b>								
<b>Curbs</b>								
Steel	100%			LIFE	**			A
<b>Gratings</b>								
Steel	100%			LIFE	**			A
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Span 2</i>						
		<i>Explanation : Grating On Sidewalk Between Truss Members</i>						
<b>Median</b>								
Steel	100%			LIFE	**	4-8	\$65,900	A
<b>Mono Deck Surface</b>								
Concrete	90%			2045	**	5	\$186,000	C
Concrete	10%	4+	\$2,300	2045	**	5	\$93,000	C
		<i>Cracks, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Spans 1 &amp; 3</i>						
<b>Railings/Parapets</b>								
Steel	33%			LIFE	**	2-8	\$33,800	A
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Span 2</i>						
		<i>Explanation : Steel Railing And High Fence On Each Side.</i>						
Steel	67%			LIFE	**	2-8	\$33,800	A
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1 &amp; 3</i>						
		<i>Explanation : Steel Railing On Each Side.</i>						
<b>Sidewalks</b>								
Grating w/ Concrete	100%			2045	**			C
<b>Wearing Surface</b>								
Concrete	90%			2034	**	5	\$84,100	C
Concrete	10%	4+	\$2,900	2034	**	5	\$42,000	C
		<i>Cracks, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Spans 1 &amp; 3</i>						
Steel Grating	90%			LIFE	**	5	\$145,300	C
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Span 2</i>						
		<i>Explanation : Span 2</i>						
Steel Grating	10%	Now	\$10,700	LIFE	**	5	\$72,600	C
		<i>Broken, Missing Pave, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Pier 2</i>						

**Superstructure**

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**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	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$28,600	A
Joints								
Steel	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Pier 2</i>						
		<i>Explanation : Pier 2</i>						
Steel Finger Joints	100%			2053	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Pier 1</i>						
		<i>Explanation : Pier 1</i>						
Primary Member								
Steel	90%			LIFE	* *	2-8	\$1,206,100	A
Steel	10%	4+	\$922,100	LIFE	* *	2-8	\$703,700	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	\$1,034,800	B
Movable Bridges								
Vertical Lift Span								
Steel	85%			LIFE	* *			A
Steel	10%	2-4	\$1,051,700	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	\$1,051,700	LIFE	* *			A
		<i>Other Observation, Extent : Severe, Area Affected : 15%</i>						
		<i>Location : Span 2</i>						
		<i>Explanation : Span 2 Has 17 Flagged Locations.</i>						
Vertical Lift Tower								
Steel	100%			LIFE	* *			A
Vertical Lift Pier								
Concrete	80%			LIFE	* *			A
Concrete	20%	4+	\$1,056,900	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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Communication Electrical

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**DEPARTMENT OF TRANSPORTATION - 841**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**

**Asset # : 2558**

<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>	<b>Priority Code</b>
Communication Electrical								
Communications								
Generic	100%	Now	\$33,500	2025	\$33,500			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entire Bridge</i>								
<i>Explanation : 100% System Obsolete And Inoperative.</i>								
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$17,800	LIFE	* *			B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Bridge Override Switches</i>								
<i>Explanation : Key Covers To Override Switches Missing. Some Indication Lights Not Functioning</i>								
Disconnect Switch								
Generic	100%			2023	\$66,900			B
Limit Switch								
Generic	100%			2023	\$123,400			B
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%	Now	\$697,400	2023	\$3,487,000			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Motor Control Center</i>								
<i>Explanation : Bridge Not Operable Due To Control System Issues.</i>								
Raceway								
Submarine Control Cables								
Generic	100%	2-4	\$1,612,000	2030	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Submarine Cable Cabinets</i>								
<i>Explanation : No Spares Remaining. Conductors Fail Randomly.</i>								
Wiring								
Generic	100%			2023	\$1,553,500			B
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$32,900	2020	\$164,600			B
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : All</i>								
<i>Explanation : Underground Conduit Damaged Gongs Not Operational.</i>								
Lighting								
Lighting Devices								
Generic	100%	Now	\$50,100	2029	* *			B
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : West Light Fixture</i>								
<i>Explanation : The Entire Span Lighting Fixture Is Missing.</i>								

<b>Bridge Mechanical</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>	<b>Priority Code</b>

Vertical Lift

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**DEPARTMENT OF TRANSPORTATION - 841**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**

**Asset # : 2558**

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	Priority Code
Vertical Lift								
Buffers								
Generic	100%	Now	\$31,100	2028		**		B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : Air Buffers</i> <i>Explanation : Some Broken Fittings, One Upper Buffer Is Stuck In Up Position. Upper Buffers Appear To Have Not Worked In Some Time</i>								
CTRWT Ropes & Guides								
Generic	100%	Now	\$80,700	2040		**		B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Ropes And Guides.</i> <i>Explanation : No Operation Observed. North Span Guide Rails Bent. Pigeon Droppings And Accumulated Debris.</i>								
Counter Weight								
Auxiliary CTRWT	100%			2040		**		B
Main CTRWT	100%	0-2	\$79,100	2040		**		B
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i> <i>Location : Tops Of Counterweight</i> <i>Explanation : North Tower Not Accessible. Top Of South Tower Has Some Coverage Of Pigeon Droppings And Debris.</i>								
Elevators								
Generic	100%	Now	\$273,000	2028		**		B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i> <i>Location : North And South Elevators.</i> <i>Explanation : Both Elevators Are Not Operational.</i>								
Emergency Drive								
Emergency Power	100%			2040		**		B
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Emergency Power</i> <i>Explanation : No Operation Observed.</i>								
End Locks								
With Motor	100%	Now	\$86,600	2040		**		B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Span Locks</i> <i>Explanation : S E Motor Coupling Not Aligned, Damaged Seals, Missing Shaft End Covers, Corroded Bolts &amp; Motor Feet, Adj Required</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**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**

**Asset # : 2558**

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	Priority Code
Vertical Lift								
Houses								
Access Ways	100%	Now	\$61,800	2028	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : All Areas</i>								
<i>Explanation : Access Ways Are Covered In Pigeon Droppings.</i>								
Control House	100%	Now	\$43,500	2028	* *			B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Control House</i>								
<i>Explanation : Plumbing Not Working. Broken Window.</i>								
Machinery Room	100%	Now	\$151,200	2040	* *			B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : South Machine Room, North Machine Room Not Accessible</i>								
<i>Explanation : South Machine Room - Broken Window And Corner Room Covered In Pigeon Droppings. North Tower Not Accessible</i>								
Main Drive System								
Generic	100%	Now	\$749,200	2040	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Machine Room, North Not Accessible</i>								
<i>Explanation : Not Operational. South Tower Sheave Rooms Covered In Pigeon Droppings And One Motor Brake Is Not Functioning.</i>								
Sheaves								
Generic	100%	4+	\$857,900	2040	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Machinery Room, North Not Accessible</i>								
<i>Explanation : Sheave Rooms Covered In Pigeon Droppings. No Operation Observed. Check During Operation</i>								
Live Load Supports								
Generic	100%	Now	\$35,400	2028	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Southwest</i>								
<i>Explanation : Movement At Live Load Support Under Traffic Loading.</i>								
Traffic Devices								
Barrier Gate	100%	Now	\$788,200	2028	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : South Net Requires Adjustment. North Gate Net Missing. Repairs Required</i>								
Warning Gate	100%	Now	\$354,600	2040	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Warning Gates</i>								
<i>Explanation : All Gates Are Not Functioning, Crash Trucks Are Used Instead. Some Pedestrian Arm Missing.</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER  
**Address** : HARLEM RIVER, B'WAY  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0044.080 / 2559 **Yr Built/Renovated** :  
**Area Sq Ft** : 38,100 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 18-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240138

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$950,400	\$375,200
<b>Total</b>	<b>\$950,400</b>	<b>\$375,200</b>
Priority A	\$285,100	
Priority B	\$540,500	
Priority C	\$124,700	\$375,200
<b>Total</b>	<b>\$950,400</b>	<b>\$375,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$43,000		\$800	
<b>Total</b>	<b>\$43,000</b>		<b>\$800</b>	
Priority A	\$4,800		\$800	
Priority C	\$38,200			
<b>Total</b>	<b>\$43,000</b>		<b>\$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**  
**BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER**

**Asset # : 2559**

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								
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								
Concrete	2%	4+	\$3,300	LIFE		* *		C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Southeast Wall</i>								
Concrete	98%			LIFE		* *		C
Stream Channel								
Bank Protection								
Timber	100%	4+	\$124,700	2029		* *		C
<i>Broken/Missing Element, Extent : Light, Area Affected : 50%</i>								
<i>Location : Both Abutments</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		A
Pier Protection								
Timber	100%	4+	\$540,500	LIFE		* *		B
<i>Broken/Missing Element, Extent : Light, Area Affected : 50%</i>								
<i>Location : Both Abutments</i>								
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**  
**BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER**

**Asset # : 2559**

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	
Approaches								
Pavement								
Asphalt	100%	4+	\$7,500	2025	\$375,200	4	\$4,800	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : South Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment								
Earth	100%			LIFE	* *			C
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Railings/Parapets								
Steel	100%	4+	\$4,800	LIFE	* *			A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : North Approach, East Side</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Approach</i>								
<i>Explanation : Steel Railing Located Only At South Approach</i>								
Sidewalks								
Concrete	100%	4+	\$16,600	LIFE	* *			C
<i>Settlement, Extent : Light, Area Affected : 30%</i>								
<i>Location : South And North Approaches</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : South And North Approaches</i>								
Piers								
Cap Beam								
Not Accessible	100%							D
Pier,Columns								
Not Accessible	100%							D
Stem,Solid Pier								
Not Accessible	100%							D
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Pedestals								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			A

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER**

**Asset # : 2559**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Gratings								
Steel	100%	0-2	\$204,400	LIFE	**			A
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 5%</i> <i>Location : Broken Welds At Grating Bars Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 80%</i> <i>Location : Deck</i> <i>Explanation : 80 Percent Of Deck Is Steel Grating Only</i>								
Guide Railing								
Steel	100%			LIFE	**			A
Median								
Steel	100%			LIFE	**	4-8		A
Mono Deck Surface								
Grating w/ Concrete	100%	2-4	\$10,800	2044	**	5	\$15,900	C
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i> <i>Location : Throughout</i> <i>Explanation : Cracks And Spalling</i>								
Steel Grating	100%			2044	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Repair Is Accounted For In Steel Grating Component Above</i>								
Railings/Parapets								
Steel	100%	4+	\$80,700	LIFE	**	2-8	\$21,200	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i> <i>Location : Throughout</i> <i>Rust Stains, Extent : Light, Area Affected : 10%</i> <i>Location : Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Safety Steel Fence</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							D
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Throughout</i> <i>Explanation : Bird Nesting</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY  
 Address : EASTCHESTER BAY, CITY ISL RD.  
 Borough : BRONX Agency's Number : N/A  
 Program / Asset # : DOT0046.000 / 2470 Yr Built/Renovated : 1901 /  
 Area Sq Ft : 29,019 Project Type : WATERWAY BRIDGES  
 Date of Survey : 28-Oct-2013 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2240210

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$3,438,200	\$1,267,600
<b>Total</b>		<b>\$3,438,200</b>	<b>\$1,267,600</b>
Priority A		\$2,343,900	\$635,000
Priority B		\$877,600	\$574,500
Priority C		\$216,700	\$58,100
<b>Total</b>		<b>\$3,438,200</b>	<b>\$1,267,600</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$300,900		\$124,500	
<b>Total</b>	<b>\$300,900</b>		<b>\$124,500</b>	
Priority A	\$198,500		\$64,700	
Priority B	\$29,300		\$57,600	
Priority C	\$73,100		\$2,200	
<b>Total</b>	<b>\$300,900</b>		<b>\$124,500</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**  
**CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY**

**Asset # : 2470**

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)	
<b>Abutments</b>							
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	50%			LIFE		* *	B
Steel	50%	4+	\$24,100	LIFE		* *	B
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>							
<i>Location : Adjacent To Joints At Both Abutments</i>							
<i>Spalling, Extent : Light, Area Affected : 15%</i>							
<i>Location : Adjacent To Joints At Both Abutments</i>							
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Throughout</i>							
<i>Explanation : These Repairs Are Specific To The Concrete Header</i>							
Mat (scour & erosion)							
Riprap	100%			LIFE		* *	B
Pedestals							
Not Accessible	100%						D
Stem (breastwall)							
Masonry	100%	4+	\$39,000	LIFE		* *	B
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>							
<i>Location : Both Abutments</i>							
<i>Efflorescence, Extent : Moderate, Area Affected : 5%</i>							
<i>Location : Both Abutments</i>							
<i>Joint Motar Miss/Erod, Extent : Moderate, Area Affected : 30%</i>							
<i>Location : Deteriorated Joint Mortar At Both Abutments</i>							
<b>Wingwalls</b>							
Footings							
Not Accessible	100%						D
Mat (scour & erosion)							
Riprap	100%			LIFE		* *	C
Piles							
Not Accessible	100%						D
Walls							
Masonry	100%	4+	\$60,800	LIFE		* *	C
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>							
<i>Location : Both Abutments</i>							
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>							
<i>Location : Both Abutments</i>							
<i>Joint Motar Miss/Erod, Extent : Light, Area Affected : 20%</i>							
<i>Location : Both Abutments</i>							
<i>Misaligned/Bulging, Extent : Light, Area Affected : 20%</i>							
<i>Location : Both Abutments</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**  
**CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY**

**Asset # : 2470**

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								
Bank Protection								
Riprap	100%			LIFE		* *		C
	<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Vegetation</i>							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		A
Pier Protection								
Timber	100%	4+	\$360,400	LIFE		* *		B
	<i>Split/Dry/Cracked, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Center Pier</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Center Pier</i>							
	<i>Explanation : Timber Fender At Center Pier Only</i>							
Approaches								
Pavement								
Asphalt	75%			2026		* *	4	\$4,400 C
Asphalt	25%	4+	\$25,800	2026		* *	4	\$4,400 C
	<i>Cracks, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Middle Of East Approach</i>							
	<i>Explanation : Uneven Surface</i>							
Curbs								
Concrete w/ Steel Face	100%	4+	\$9,800	LIFE		* *		A
	<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : At Steel Fencing And Random Locations Throughout</i>							
Embankment								
Earth	100%	4+	\$1,100	LIFE		* *		C
	<i>Erosion, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Localized</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Processed Stone	100%	4+	\$2,000	LIFE		* *		C
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : East Approach South Face And West Approach North Face; Vegetation Growth Scattered Throughout</i>							
	<i>Explanation : Misaligned Stones At East Approach South Face And West Approach North Face; Vegetation Growth Scattered Throughout</i>							
Guide Railing								
Concrete	100%	4+	\$1,600	2034		* *	4	\$3,400 A
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Northeast Side</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Out Of Alignment</i>							

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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**  
**CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY**

**Asset # : 2470**

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	
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Railings/Parapets								
Steel	100%	4+	\$4,800	LIFE	**			A
			<i>Broken/Missing Element, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Northwest Side</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Chain Link Fence</i>					
Timber	10%	Now	\$6,000	LIFE	**			A
			<i>Broken/Missing Element, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Southwest</i>					
Timber	90%			LIFE	**			A
Sidewalks								
Concrete	30%	4+	\$6,600	LIFE	**			C
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Settlement, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	70%			LIFE	**			C
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$234,300	A
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$4,600	A
Footings								
Masonry	15%	4+	\$5,200	2045	**			B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Fourth Footing From The East Abutment</i>					
			<i>Explanation : Concrete Spalling</i>					
Masonry	85%			2045	**			B
Piles								
Steel	100%			LIFE	**			A
			<i>Corrosion, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Concrete Encased Steel Piles</i>					
Deck Elements								
Curbs								
Steel	100%	4+	\$22,600	LIFE	**			A
			<i>Corrosion, Extent : Moderate, Area Affected : 30%</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**  
**CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY**

**Asset # : 2470**

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	
<b>Deck Elements</b>								
<b>Gratings</b>								
Grating w/ Concrete	100%			2045	**			A
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Center 2 Spans</i>								
<i>Explanation : Bridge Swing Spans Has 20 Drainage Openings 2 1/2Ft x 1Ft Each On Sides Of Bridge</i>								
<b>Railings/Parapets</b>								
Steel	100%	0-2	\$275,500	LIFE	**	2-8	\$24,200	A
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 20%</i>								
<i>Location :</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location :</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Sides Of Bridge</i>								
<i>Explanation : Chain Link Fence In Front Of Steel Railing</i>								
<b>Sidewalks</b>								
Concrete	90%			2030	**	5	\$18,200	C
Concrete	10%	0-2	\$6,900	2030	**	5	\$9,100	C
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Local Area Near Fence</i>								
<i>Explanation : Both Sides Spalled And Cracked</i>								
<b>Wearing Surface</b>								
Asphalt	100%	4+	\$112,600	2026	**	5	\$13,400	C
<i>Cracks, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Wearing Surface 40 Percent Asphalt</i>								
Concrete	100%	4+	\$43,300	2034	**	5	\$58,100	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Wearing Surface 60 Percent Concrete</i>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%			LIFE	**	5	\$44,700	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible From Underside</i>								
Grating w/ 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**  
**CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY**

**Asset # : 2470**

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								
Steel	95%			LIFE	**			C
Steel	5%	Now	\$30,700	LIFE	**			C
<i>Broken/Missing Element, Extent : Light, Area Affected : 100%</i>								
<i>Location : Northwest Side, Split Joint Cover Plate Next To Welding</i>								
Primary Member								
Steel	45%	4+	\$1,720,600	LIFE	**	2-8	\$536,500	A
<i>Corrosion, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Sides, Entire Span</i>								
<i>Explanation : Top Of Girder Is Acting As Barrier, Remaining Part Of Girder Is Not Accessible</i>								
Steel	55%			LIFE	**	2-8	\$919,500	A
Secondary Member								
Steel	15%	4+	\$197,900	LIFE	**	2-8	\$449,400	B
<i>Corrosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Adjacent To South Sidewalk</i>								
Steel	85%	4+	\$280,400	LIFE	**	2-8	\$449,400	B
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Below Deck</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Below Deck</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Below Deck</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Below Deck</i>								
<i>Explanation : Medium To Severe Corrosion On Eyebars And Connections With Broken/ Missing Elements</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER  
**Address** : BOSTON RD X-ING HUTCH RIVER  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0015.090 / 4317 **Yr Built/Renovated** : 1965 /  
**Area Sq Ft** : 95,683 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 19-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2229579

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$7,853,100	\$5,833,100
<b>Total</b>	<b>\$7,853,100</b>	<b>\$5,833,100</b>
Priority A	\$6,783,800	\$2,250,500
Priority B	\$682,000	\$1,894,100
Priority C	\$387,300	\$1,688,500
<b>Total</b>	<b>\$7,853,100</b>	<b>\$5,833,100</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$234,500	\$23,000	\$407,700	
<b>Total</b>	<b>\$234,500</b>	<b>\$23,000</b>	<b>\$407,700</b>	
Priority A	\$65,900		\$200,600	
Priority B	\$64,600		\$190,000	
Priority C	\$104,000	\$23,000	\$17,100	
<b>Total</b>	<b>\$234,500</b>	<b>\$23,000</b>	<b>\$407,700</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**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**

**Asset # : 4317**

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	
<b>Abutments</b>								
Bridge Seat&pedestals								
Concrete	90%			LIFE	**			A
Concrete	10%	4+	\$1,900	LIFE	**			A
<i>Recent Repair Evident, Extent : Light, Area Affected : 50%</i>								
<i>Location : West Abutment Recently Underwent Rehab And Painted</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<hr/>								
<b>Backwall</b>								
Concrete	80%			LIFE	**			C
Concrete	20%	4+	\$9,800	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<hr/>								
<b>Brngs,Ancr Blts,Pads</b>								
Steel	90%			LIFE	**			A
Steel	10%	4+	\$13,300	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<hr/>								
<b>Footings</b>								
Not Accessible	100%							D
<hr/>								
<b>Joint with Deck</b>								
Generic	80%			LIFE	**			B
Generic	20%	4+	\$8,400	LIFE	**			B
<i>Leakage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Joint Surface</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Beginning Abutment</i>								
<i>Explanation : Joint Filler Depressed</i>								
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			B
<hr/>								
<b>Stem (breastwall)</b>								
Concrete	80%			LIFE	**			B
Concrete	20%	4+	\$28,000	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Abutment Recently Painted</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<hr/>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
<hr/>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Walls								
Concrete	85%			LIFE	**			C
Concrete	15%	4+	\$67,900	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Explanation : Paint Peeling</i>								
Stream Channel								
Bank Protection								
Sheet Piling	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Embankments</i>								
<i>Explanation : Timber Rub Rail Is On The Face Of The Sheet Piling</i>								
Approaches								
Pavement								
Asphalt	80%			2024	\$1,350,800	4	\$31,400	C
Asphalt	20%	2-4	\$67,500	2024	\$337,700	4	\$20,900	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
Concrete	85%			2032	**	4	\$120,200	C
Concrete	15%	2-4	\$37,900	2032	**	4	\$80,200	C
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
Curbs								
Concrete w/ Steel Face	90%			LIFE	**			A
Concrete w/ Steel Face	10%	4+	\$2,900	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Surface</i>								
<i>Rust Stains, Extent : Severe, Area Affected : 75%</i>								
<i>Location : At Surface</i>								
Guide Railing								
Steel	90%			LIFE	**	2-8	\$5,800	A
Steel	10%	4+	\$800	LIFE	**	2-8	\$5,800	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Surface</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Sidewalks								
Concrete	85%			LIFE	**			C
Concrete	15%	4+	\$7,800	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Surface</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
Piers								
Cap Beam								
Concrete	80%			LIFE	**			A
Concrete	20%	4+	\$341,200	LIFE	**			A
<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Surface</i>								
Pier,Columns								
Concrete	80%			LIFE	**			B
Concrete	20%	4+	\$436,100	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Surface</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Explanation : Paint Peeling</i>								
Brngs,Ancr Blts,Pads								
Steel	80%			LIFE	**	2-8	\$47,600	A
Steel	20%	2-4	\$346,700	LIFE	**	2-8	\$47,600	A
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Explanation : Missing Anchor Bolt As Per Recent Biennial Inspection</i>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	95%			LIFE	**			B
Concrete	5%	4+	\$28,200	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
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**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**

**Asset # : 4317**

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	
Deck Elements								
Curbs								
Concrete w/ Steel Face	70%			LIFE	**			A
Concrete w/ Steel Face	30%	4+	\$21,500	LIFE	**			A
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Surface</i>								
Median								
Concrete	95%			LIFE	**	5	\$15,100	A
Concrete	5%	4+	\$7,900	LIFE	**	5	\$15,100	A
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Surface</i>								
Steel	95%			LIFE	**	4-8	\$122,600	A
Steel	5%	4+	\$1,200	LIFE	**	4-8	\$122,600	A
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Explanation : Paint Peeling And Rust Stain</i>								
Railings/Parapets								
Steel	95%			LIFE	**	2-8	\$86,700	A
Steel	5%	4+	\$16,500	LIFE	**	2-8	\$86,700	A
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : Top Rail</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Surface</i>								
Sidewalks								
Concrete	70%			2028	**	5	\$34,300	C
Concrete	30%	4+	\$77,400	2028	**	5	\$17,100	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Surface</i>								
Wearing Surface								
Concrete	90%			2032	**	5	\$46,000	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northbound Lane</i>								
Concrete	10%	4+	\$8,600	2032	**	5	\$23,000	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Old Repair, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Northbound Lanes</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Scupper								
Cast Iron	100%	4+	\$136,500	LIFE	**			C
<i>Drains Clogged, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								

**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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural Concrete	85%			LIFE	**	5	\$105,300	A
<i>Other Observation, Extent : Severe, Area Affected : 100%</i> <i>Location : Underside Of Deck</i> <i>Explanation : Sip Forms Throughout The Underside Of The Deck</i>								
Concrete	15%	4+	\$138,700	LIFE	**	5	\$105,300	A
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random</i> <i>Spalling, Extent : Light, Area Affected : 10%</i> <i>Location : Random</i> <i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Sip Form Under Deck</i> <i>Explanation : Corrosion And Deformation</i>								
Joints								
Generic	75%			LIFE	**			C
Generic	25%	4+	\$27,300	LIFE	**			C
<i>Loose Elements, Extent : Moderate, Area Affected : 25%</i> <i>Location : Random</i> <i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Random</i> <i>Explanation : Joint Filler Depressed And Filled With Debris</i>								
Primary Member								
Steel	90%			LIFE	**	2-8	\$1,768,900	A
<i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Bottom Flange</i> <i>Explanation : Fatigue Prone Detail, Partial Cover Plate</i>								
Steel	10%	4+	\$5,957,100	LIFE	**	2-8	\$1,768,900	A
<i>Corrosion, Extent : Light, Area Affected : 15%</i> <i>Location : At Surface</i>								
Secondary Member								
Steel	95%			LIFE	**	2-8	\$1,481,800	B
Steel	5%	4+	\$245,900	LIFE	**	2-8	\$1,481,800	B
<i>Corrosion, Extent : Light, Area Affected : 15%</i> <i>Location : At Surface</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER  
**Address** : BRUCKNER EXPWY N.B. BRONX RIVER  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0004.020 / 2916 Yr Built/Renovated : 1952 /  
**Area Sq Ft** : 22,300 Project Type : WATERWAY BRIDGES  
**Date of Survey** : 21-Nov-2006 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2066672

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$175,200	\$512,800
Bridge Electrical		\$96,600
Bridge Mechanical	\$190,500	\$917,200
<b>Total</b>	<b>\$365,700</b>	<b>\$1,526,600</b>
Priority A	\$139,100	\$143,600
Priority B	\$226,600	\$1,382,900
<b>Total</b>	<b>\$365,700</b>	<b>\$1,526,600</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$100	\$2,100	\$73,300	\$14,600
Bridge Electrical	\$29,000			
Bridge Mechanical	\$23,200			
<b>Total</b>	<b>\$52,200</b>	<b>\$2,100</b>	<b>\$73,300</b>	<b>\$14,600</b>
Priority A	\$100	\$2,100	\$10,300	
Priority B	\$52,200		\$37,000	
Priority C			\$26,100	\$14,600
<b>Total</b>	<b>\$52,200</b>	<b>\$2,100</b>	<b>\$73,300</b>	<b>\$14,600</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 EXPWY NORTH BOUND OVER BRONX RIVER**

**Asset # : 2916**

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								
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	\$29,100	C
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Concrete	100%			2033	**	4	\$6,400	A
Mat (scour & erosion)								
Not Accessible	100%							D
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%			LIFE	**			C

**Piers**

*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**  
**EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER**  
**Asset # : 2916**

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								
Cap Beam								
Steel	100%			LIFE	**	2-8		A
Pier,Columns								
Concrete	100%			LIFE	**			B
Steel	100%			LIFE	**	2-8	\$427,400	B
Stem,Solid Pier								
Brick Veneer	100%			LIFE	**			B
Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$36,200	LIFE	**			B
<i>Delaminations, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Face Of Pier 1</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : West Face Of Pier 1</i>								
<i>Explanation : Pier 1 Has Fire Damage, Moderate Scaling</i>								
Granite	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2048	**			A
Steel	100%			LIFE	**	2-8	\$1,800	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	\$2,000	A
Railings/Parapets								
Masonry	100%			2033	**	5		A
Steel	98%			LIFE	**	2-8	\$9,900	A
Steel	2%	Now	\$100	LIFE	**	2-8	\$9,900	A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Median, Bolts at Access Ladder</i>								
Sidewalks								
Concrete	100%			2028	**	5	\$3,900	C
Wearing Surface								
Concrete	100%			2033	**	5	\$48,200	C
Superstructure								

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**  
**EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER**

**Asset # : 2916**

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	\$4,400	A
Grating w/ Concrete	100%			LIFE	**			A
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Concrete	100%			LIFE	**	5	\$49,100	A
Prestressed Concrete	100%			LIFE	**			A
Box Beam								
Steel	100%			LIFE	**	2-8	\$176,600	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$345,300	B
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	**			A
Steel	10%	4+	\$139,100	LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Bascule Span</i>								
<i>Explanation : Previous Losses To Flanges. Minor Corrosion.</i>								
Bascule Span Pier								
Concrete	100%			LIFE	**			A
<b>Bridge Electrical</b>								
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
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Overall</i>								
<i>Explanation : System Deenergized Could Not Verify Operation. Visually looks In Good Condition.</i>								
Control System Electrical								
Control Console								
Generic	100%			2038	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Overall</i>								
<i>Explanation : System Deenergized Could Not Verify Operation. Visually looks In Good Condition.</i>								
Disconnect Switch								
Generic	100%			2038	**			B
Limit Switch								
Generic	100%			2035	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : All</i>								
<i>Explanation : Not Maintained Could Not Verify Operation.</i>								
Electrical Power								

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**  
**EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER**

**Asset # : 2916**

<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>	<b>Priority Code</b>
<b>Electrical Power</b>								
Transfer Switch								
Auto	100%			2038	* *			B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Overall</i>							
	<i>Explanation : System Deenergized Could Not Verify Operation. Visually looks In Good Condition.</i>							
<hr/>								
Transformer								
Dry	100%			2038	* *			B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Partial</i>							
	<i>Explanation : System Deenergized Could Not Verify Operation. Visually looks In Good Condition.</i>							
<hr/>								
Dist Equip & Motor Controll								
Generic	100%			2038	* *			B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Overall</i>							
	<i>Explanation : System Deenergized Could Not Verify Operation. Visually looks In Good Condition.</i>							
<hr/>								
<b>Raceway</b>								
Submarine Control Cables								
Generic	100%			2022				B
<hr/>								
Wiring								
Generic	100%			2022				B
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Underdeck</i>							
	<i>Explanation : Needs Partial Repair.</i>							
<hr/>								
<b>Lighting</b>								
Lighting Devices								
Generic	50%			2022	\$48,300			B
	<i>Other Observation, Extent : Light, Area Affected : 80%</i>							
	<i>Location : All</i>							
	<i>Explanation : Needs Relamping</i>							
<hr/>								
Generic	50%	Now	\$29,000	2023	\$48,300			B
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Span Leaves</i>							
	<i>Explanation : Damaged Or Broken Lens And Missing Bulbs On Span Navigational Lights On The interior Side</i>							

<b>Bridge Mechanical</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>	<b>Priority Code</b>
<b>Bascule</b>								
Counter Weight								
Generic	100%			2046	* *			B
<hr/>								
Emergency Drive								
Emergency Power	100%			2046	* *			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**  
**EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER**  
**Asset # : 2916**

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	Priority Code
Bascule								
Fuel Tanks								
Generic	100%			2031		* *		B
Houses								
Access Ways	100%	4+	\$9,200	2021	\$184,600			B
	<i>Other Observation, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Access Ways in Pit Areas</i>							
	<i>Explanation : Access Ways Are Covered In Debris In Pit Areas. Likely Health Hazard Due To Pigeon Guano.</i>							
Control House	100%			2046		* *		B
Machinery Room	100%			2053		* *		B
Lock Bars								
With Motor	50%	Now	\$183,100	2021	\$366,300			B
	<i>Other Observation, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : All Span (toe) Locks</i>							
	<i>Explanation : Sockets And Guides Need Shimming. Motor Brake Has Fallen Off At 2 Locations. Lock Bar Pins Failed At 2 Locations.</i>							
With Motor	50%	4+	\$7,300	2021	\$366,300			B
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : All Tail Locks</i>							
	<i>Explanation : Covered In Debris And Pigeon Guano.</i>							
Main Drive System								
Generic	100%			2046		* *		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : All Machinery</i>							
	<i>Explanation : Not Operational During Inspection.</i>							
Rack								
Generic	100%	Now	\$14,000	2046		* *		B
	<i>Other Observation, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : South East Inboard Rack</i>							
	<i>Explanation : 1 Sheared Rack Bolt On South East Inboard Rack.</i>							
Live Load Supports								
Not Accessible	100%							D
Traffic Devices								
Barrier Gate	100%			2027		* *		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : All Gates</i>							
	<i>Explanation : Not Operational During Inspection.</i>							
Signals	100%			2027		* *		B
Warning Gate	100%			2027		* *		B
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : All Gates</i>							
	<i>Explanation : Not Operational During Inspection.</i>							

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER  
**Address** : BRUCKNER EXPWY S.B. BRONX RIVER  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0004.010 / 2915 Yr Built/Renovated : 1952 /  
**Area Sq Ft** : 12,400 Project Type : WATERWAY BRIDGES  
**Date of Survey** : 21-Nov-2006 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2066671

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$118,700	\$366,200
Bridge Electrical	\$38,900	\$2,615,800
Bridge Mechanical		\$917,200
<b>Total</b>	<b>\$157,500</b>	<b>\$3,899,200</b>
Priority A	\$118,700	\$95,000
Priority B	\$38,900	\$3,804,200
<b>Total</b>	<b>\$157,500</b>	<b>\$3,899,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$100	\$2,000	\$49,700	\$14,600
Bridge Electrical	\$29,300		\$17,100	
Bridge Mechanical	\$42,800			
<b>Total</b>	<b>\$72,200</b>	<b>\$2,000</b>	<b>\$66,800</b>	<b>\$14,600</b>
Priority A		\$2,000	\$10,500	
Priority B	\$72,100		\$44,300	
Priority C	\$100		\$11,900	\$14,600
<b>Total</b>	<b>\$72,200</b>	<b>\$2,000</b>	<b>\$66,800</b>	<b>\$14,600</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER**  
**Asset # : 2915**

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 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	\$29,100	C
Curbs Concrete	100%			LIFE	* *			A
Concrete w/ Steel Face	100%			LIFE	* *			A
Embankment Not Accessible	100%							D
Guide Railing Concrete	100%			2033	* *	4	\$4,300	A
Steel	100%			LIFE	* *	2-8	\$2,900	A
Mat (scour & erosion) Not Accessible	100%							D
Pavement Base Not Accessible	100%							D

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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**  
**EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER**

**Asset # : 2915**

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	
Approaches								
Sidewalks								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8		A
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$427,400	B
Stem,Solid Pier								
Masonry	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$1,800	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	\$900	A
Railings/Parapets								
Concrete	100%			2033	**	4	\$1,600	A
Masonry	100%			2033	**	5	\$1,700	A
Sidewalks								
Concrete	90%			2028	**	5	\$1,300	C
Concrete	10%	4+	\$100	2028	**	5	\$700	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Approach Spans</i>								
Wearing Surface								
Concrete	100%			2033	**	5	\$22,500	C
Superstructure								
Deck,Structural								
Grating w/ Concrete	100%			LIFE	**			A
Joints								
Steel	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$177,500	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$192,000	B
Movable Bridges								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER**  
**Asset # : 2915**

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	Priority Code
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	**			A
Steel	10%	4+	\$118,700	LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bascule Span</i>								
<i>Explanation : Previous Losses To Flanges And Minor Corrosion</i>								
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	\$14,000			B
<i>System Deenergized, Extent : Light, Area Affected : 100%</i>								
<i>Location : Overall</i>								
Telephone								
Desk Top	100%			2018				B
<i>System Deenergized, Extent : Light, Area Affected : 100%</i>								
<i>Location : Overall</i>								
Control System Electrical								
Control Console								
Generic	100%			2038	**			B
<i>System Deenergized, Extent : Light, Area Affected : 100%</i>								
<i>Location : Overall</i>								
Disconnect Switch								
Generic	100%			2038	**			B
Limit Switch								
Generic	100%			2035	**			B
Electrical Power								
Transfer Switch								
Auto	100%			2038	**			B
<i>System Deenergized, Extent : Light, Area Affected : 100%</i>								
<i>Location : Overall</i>								
Transformer								
Dry	100%			2038	**			B
Dist Equip & Motor Control								
Generic	100%			2038	**			B
<i>System Deenergized, Extent : Light, Area Affected : 50%</i>								
<i>Location : Partially</i>								
Interior Lighting								
Lighting Fixture								
Incandescent	100%	Now	\$300	2018	\$3,100			B
<i>Relamping, Extent : Light, Area Affected : 100%</i>								
<i>Location : Overall</i>								

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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**  
**EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER**  
**Asset # : 2915**

<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>	<b>Priority Code</b>
Raceway								
Submarine Control Cables Generic	100%			2022	\$576,500			B
<i>System Deenergized, Extent : Light, Area Affected : 100%</i>								
<i>Location : All</i>								
Wiring Generic	100%	Now	\$38,900	2023	\$1,942,700			B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Under Deck.</i>								
<i>Explanation : New Conduit And Lighting Fixtures Necessary.</i>								
Stand-by Power								
Generator Diesel	100%			2038	* *			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Emergency Generator</i>								
<i>Explanation : Battery Maintenance Necessary.</i>								
Lighting								
Lighting Devices Generic	50%	Now	\$29,000	2023	\$48,300			B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Span Leaves</i>								
<i>Explanation : Some Lamps Damaged And Or Missing Light Bulbs</i>								
Generic	50%			2022	\$48,300			B
<b>Bridge Mechanical</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>	<b>Priority Code</b>
Bascule								
Counter Weight Generic	100%			2046	* *			B
Emergency Drive Emergency Power	100%			2046	* *			B
Fuel Tanks Generic	100%			2023	\$8,500			B
Houses								
Access Ways	100%	4+	\$9,200	2021	\$184,600			B
<i>Covered in Dirt/Debris, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Access Ways In Pit Areas</i>								
Auxiliary Machinery Room	100%			2027	* *			B
	100%			2053	* *			B
Lock Bars								
With Motor	100%	4+	\$14,700	2021	\$732,600			B
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Tail Locks</i>								
<i>Explanation : Tail Locks Are Covered In Debris And Filth.</i>								
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 EXPWY SOUTH BOUND OVER BRONX RIVER**

**Asset # : 2915**

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	Priority Code
Bascule								
Main Drive System Generic	100%			2046	* *			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : All Machinery.</i> <i>Explanation : Not Operational During Inspection.</i>								
Rack								
Generic	100%	4+	\$14,000	2046	* *			B
<i>Corroded, Extent : Light, Area Affected : 20%</i> <i>Location : Top Of Bottom Girder Flange.</i> <i>Covered in Dirt/Debris, Extent : Light, Area Affected : 20%</i> <i>Location : Top Of Bottom Girder Flange.</i>								
Live Load Supports								
Not Accessible	100%							D
Traffic Devices								
Barrier Gate	100%	Now	\$2,000	2027	* *			B
<i>Not Operable, Extent : Light, Area Affected : 100%</i> <i>Location : All Gates.</i>								
Signals	100%			2027	* *			B
Warning Gate	100%	Now	\$3,000	2027	* *			B
<i>Not Operable, Extent : Light, Area Affected : 100%</i> <i>Location : All Gates</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER  
**Address** : NORTHERN BLVD. X-ING FLUSH. RIV.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0001.020 / 2560 **Yr Built/Renovated** :  
**Area Sq Ft** : 78,894 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 02-Jan-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2055802

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$1,271,600	\$2,927,600
<b>Total</b>	<b>\$1,271,600</b>	<b>\$2,927,600</b>
Priority A	\$215,900	\$1,017,600
Priority B	\$596,200	\$1,176,800
Priority C	\$459,500	\$733,200
<b>Total</b>	<b>\$1,271,600</b>	<b>\$2,927,600</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$71,400	\$26,500	\$202,700	
<b>Total</b>	<b>\$71,400</b>	<b>\$26,500</b>	<b>\$202,700</b>	
Priority A	\$13,700	\$13,500	\$84,600	
Priority B	\$21,600		\$118,000	
Priority C	\$36,100	\$13,000		
<b>Total</b>	<b>\$71,400</b>	<b>\$26,500</b>	<b>\$202,700</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**  
**FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER**

**Asset # : 2560**

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								
Concrete	100%			LIFE		**		A
Backwall								
Concrete	100%	4+	\$12,200	LIFE		**		C
<i>Damaged Railing, Extent : Light, Area Affected : 2%</i>								
<i>Location : Scattered Throughout</i>								
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
Pedestals								
Concrete	100%			LIFE		**		A
Stem (breastwall)								
Concrete	95%			LIFE		**		B
Concrete	5%	4+	\$13,400	LIFE		**		B
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Abutments</i>								
Wingwalls								
Footings								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Concrete	90%			LIFE		**		C
Concrete	10%	4+	\$5,700	LIFE		**		C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : End Abutment</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southwest Wingwall</i>								
Stream Channel								
Bank Protection								
Concrete	80%			LIFE		**		C
Concrete	20%	4+	\$142,900	LIFE		**		C
<i>Broken/Missing Element, Extent : Severe, Area Affected : 10%</i>								
<i>Location : West Side Of River</i>								
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Side Of River</i>								
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**  
**FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER**

**Asset # : 2560**

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	100%	Now	\$468,500	LIFE		* *		B
			<i>Broken/Missing Element, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : East And West Sides</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : East And West Sides</i>					
			<i>Explanation : Worn</i>					
Approaches								
Pavement								
Asphalt	95%			2025	\$395,700	4	\$8,100	C
Asphalt	5%	4+	\$4,200	2025	\$20,800	4	\$5,400	C
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Both Approaches</i>					
			<i>Explanation : Pavement Consists Of 40 Percent Concrete And 60 Percent Asphalt</i>					
Concrete	100%			2033		* *	\$30,800	C
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Both Approaches</i>					
			<i>Explanation : Pavement Consists Of 40 Percent Concrete And 60 Percent Asphalt</i>					
Embankment								
Generic	100%			LIFE		* *		C
Guide Railing								
Concrete	100%			2033		* *	\$17,200	A
Steel	100%			LIFE		* *	2-8	A
Piers								
Cap Beam								
Concrete	90%			LIFE		* *		A
Concrete	10%	4+	\$127,800	LIFE		* *		A
			<i>Cracks, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Delaminations, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Scattered Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : End Of Pier 30 Cap Beam</i>					
Steel	90%			LIFE		* *	\$520,900	A
Steel	10%	4+	\$88,100	LIFE		* *	\$520,900	A
			<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Scattered 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**  
**FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER**

**Asset # : 2560**

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								
Pier,Columns								
Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$75,900	LIFE	**			B
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : River Pier</i>								
<i>Explanation : Missing Mortar In Granite Masonry Veneer</i>								
Steel	90%			LIFE	**	2-8	\$569,900	B
Steel	10%	4+	\$51,800	LIFE	**	2-8	\$569,900	B
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location :</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Exfoliation Of Weathering Steel</i>								
Stem,Solid Pier								
Concrete	97%			LIFE	**			B
Concrete	3%	4+	\$8,200	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : East And West Ends</i>								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2044	**			A
Steel	100%			LIFE	**	2-8	\$60,900	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	**			B
Deck Elements								
Guide Railing								
Concrete	100%			2037	**			A
Mono Deck Surface								
Concrete	95%			2044	**	5	\$316,700	C
Concrete	5%			2044	**	5	\$316,700	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Both Ends</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Both Ends</i>								
Railings/Parapets								
Concrete	100%			2033	**	4	\$23,400	A
Scupper								
Ductile Iron	100%			LIFE	**			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.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER**

**Asset # : 2560**

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	95%			LIFE	**	5	\$86,800	A
Concrete	5%	4+	\$13,700	LIFE	**	5	\$86,800	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Structure</i>								
<i>Efflorescence, Extent : Light, Area Affected : 4%</i>								
<i>Location : Throughout Structure</i>								
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : East Side</i>								
<i>Explanation : Bird Nesting</i>								
Joints								
Generic	100%	4+	\$14,000	LIFE	**			C
<i>Broken/Missing Element, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$685,500	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,221,800	B

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : **FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER**  
 Address : **NORTHERN BLVD. X-ING FLUSH. RIV.**  
 Borough : **QUEENS** Agency's Number : **N/A**  
 Program / Asset # : **DOT0001.010 / 2665** Yr Built/Renovated :  
 Area Sq Ft : **71,900** Project Type : **WATERWAY BRIDGES**  
 Date of Survey : **02-Jan-2013** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : Lot : BIN : **2055801**

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$1,155,800	\$3,527,000
<b>Total</b>	<b>\$1,155,800</b>	<b>\$3,527,000</b>
Priority A	\$230,200	\$1,231,200
Priority B	\$603,000	\$1,740,000
Priority C	\$322,700	\$555,700
<b>Total</b>	<b>\$1,155,800</b>	<b>\$3,527,000</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$91,000	\$2,800	\$282,300	\$7,400
<b>Total</b>	<b>\$91,000</b>	<b>\$2,800</b>	<b>\$282,300</b>	<b>\$7,400</b>
Priority A	\$16,700	\$1,400	\$107,800	
Priority B	\$43,700		\$174,500	
Priority C	\$30,600	\$1,300		\$7,400
<b>Total</b>	<b>\$91,000</b>	<b>\$2,800</b>	<b>\$282,300</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**  
**FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER**

**Asset # : 2665**

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								
Concrete	100%			LIFE	**			A
Backwall								
Concrete	98%			LIFE	**			C
Concrete	2%	4+	\$3,300	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : End Abutment</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**			A
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	95%			LIFE	**			B
Generic	5%	4+	\$20,100	LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Begin Approach</i>								
<i>Explanation : Missing Cover Plate</i>								
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	**			A
Stem (breastwall)								
Concrete	95%			LIFE	**			B
Concrete	5%	4+	\$7,200	LIFE	**			B
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Begin Abutment</i>								
<i>Efflorescence, Extent : Light, Area Affected : 15%</i>								
<i>Location : Begin Abutment</i>								
Wingwalls								
Footings								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Concrete	2%	4+	\$9,000	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Northwest Face At Begin Abutment</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northwest Face At End Abutment</i>								
Concrete	98%			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**  
**FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER**

**Asset # : 2665**

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								
Bank Protection								
Concrete	85%			LIFE	**			C
Concrete	15%	Now	\$10,000	LIFE	**			C
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : West Side Of The River</i>								
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Side Of The River</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Side Of The River</i>								
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	100%	Now	\$432,400	LIFE	**			B
<i>Broken/Missing Element, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Both Fender System</i>								
<i>Rotted, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Both Fender System</i>								
Approaches								
Pavement								
Asphalt	95%			2025	\$197,800	4	\$4,000	C
Asphalt	5%	4+	\$6,200	2025	\$10,400	4	\$2,700	C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Concrete	100%			2033	**	4		C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Approaches</i>								
<i>Explanation : Approaches: 20 Percent Concrete; 80 Percent Asphalt</i>								
Embankment								
Generic	100%			LIFE	**			C
Guide Railing								
Concrete	100%			2033	**	4	\$4,300	A
Steel	100%			LIFE	**	2-8		A
Sidewalks								
Concrete	95%			LIFE	**			C
Concrete	5%	4+	\$2,100	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
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**  
**FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER**

**Asset # : 2665**

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	Priority Code
<b>Piers</b>								
Cap Beam								
Concrete	90%			LIFE	**			A
Concrete	10%	4+	\$39,900	LIFE	**			A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Abutment</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Abutment</i>								
Steel	90%			LIFE	**	2-8	\$427,900	A
Steel	10%	4+	\$72,300	LIFE	**	2-8	\$427,900	A
<i>Corrosion, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Exfoliating Weathering Steel</i>								
<b>Pier,Columns</b>								
Concrete	10%	4+	\$79,100	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Concrete	90%			LIFE	**			B
Steel	90%			LIFE	**	2-8	\$455,900	B
Steel	10%	4+	\$41,500	LIFE	**	2-8	\$455,900	B
<i>Corrosion, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Weathering</i>								
<b>Stem,Solid Pier</b>								
Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$50,000	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Brngs,Ancr Blts,Pads</b>								
Elastomeric	100%			2044	**			A
Steel	100%			LIFE	**	2-8	\$64,100	A
<b>Footings</b>								
Not Accessible	100%							D
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							D
<b>Pedestals</b>								
Concrete	100%			LIFE	**			B
<b>Deck Elements</b>								
<b>Guide Railing</b>								
Concrete	100%			2037	**			A
<b>Median</b>								
Concrete	100%			LIFE	**	5	\$11,300	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**  
**FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER**

**Asset # : 2665**

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	
Deck Elements								
Mono Deck Surface								
Concrete	90%			2044	**	5	\$347,500	C
Concrete	10%	4+	\$47,300	2044	**	5	\$173,700	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Both Ends</i>								
Railings/Parapets								
Steel	90%			LIFE	**	2-8	\$31,000	A
Steel	10%	4+	\$117,900	LIFE	**	2-8	\$31,000	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At North Side Only</i>								
<i>Explanation : Inadequate Pedestrian Railing Consists Of Cables And Mesh As Means Of Falling Protection</i>								
Sidewalks								
Concrete	100%			2029	**	5	\$14,900	C
Scupper								
Ductile Iron	100%			LIFE	**			C
Superstructure								
Deck, Structural								
Concrete	5%	4+	\$16,700	LIFE	**	5	\$79,100	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Side</i>								
<i>Spalling, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : East Side</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : East Side</i>								
<i>Explanation : Exposed Steel Reinforcement</i>								
Concrete	95%			LIFE	**	5	\$79,100	A
Joints								
Generic	60%			LIFE	**			C
Generic	40%	4+	\$101,700	LIFE	**			C
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : End Abutment And Throughout Structure</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Primary Member								
Steel	99%			LIFE	**	2-8	\$611,400	A
Steel	1%			LIFE	**	2-8	\$611,400	A
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Steel	95%			LIFE	**	2-8	\$1,113,500	B
Steel	5%	4+	\$16,400	LIFE	**	2-8	\$1,113,500	B
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location : Scattered 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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET  
 Address : BELT SHORE PKWAY(BSP)  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : DOT0021.000 / 2452 Yr Built/Renovated : 1939 /  
 Area Sq Ft : 46,446 Project Type : WATERWAY BRIDGES  
 Date of Survey : 03-Aug-2011 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2231450

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$46,872,500	\$3,624,700
<b>Total</b>	<b>\$46,872,500</b>	<b>\$3,624,700</b>
Priority A	\$23,979,800	\$1,092,700
Priority B	\$21,959,600	\$919,400
Priority C	\$933,000	\$1,612,600
<b>Total</b>	<b>\$46,872,500</b>	<b>\$3,624,700</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$73,500		\$197,800	\$25,700
<b>Total</b>	<b>\$73,500</b>		<b>\$197,800</b>	<b>\$25,700</b>
Priority A	\$36,800		\$92,900	
Priority B	\$5,400		\$92,200	
Priority C	\$31,300		\$12,700	\$25,700
<b>Total</b>	<b>\$73,500</b>		<b>\$197,800</b>	<b>\$25,700</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**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

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								
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	2-4	\$241,000	LIFE		**		B
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Joint Is Paved Over</i>					
Mat (scour & erosion)								
Earth	100%	2-4	\$5,400	LIFE		**		B
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random</i>					
			<i>Explanation : Soil Under The Footing Has Been Eroded</i>					
Stem (breastwall)								
Concrete	70%			LIFE		**		B
Concrete	30%	2-4	\$1,029,500	LIFE		**		B
			<i>Cracks, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Random</i>					
			<i>Delaminations, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random</i>					
			<i>Efflorescence, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Random</i>					
			<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random</i>					
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%	4+	\$1,000	LIFE		**		C
			<i>Erosion, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random</i>					
Piles								
Timber	100%			LIFE		**		C
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Southeast Wingwall</i>					
			<i>Explanation : Visible Due To Erosion</i>					
Walls								
Concrete	90%			LIFE		**		C
Concrete	10%	4+	\$87,300	LIFE		**		C
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random</i>					
			<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random</i>					
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stream Channel								
Mat (scour & erosion)								
Stream Bed	100%			LIFE		* *		A
Pier Protection								
Concrete	100%	4+	\$65,600	LIFE		* *		B
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
	<i>Explanation : Crack, Efflorescence, And Rust Stain</i>							
Approaches								
Pavement								
Asphalt	100%	2-4	\$83,400	2024	\$833,900	4	\$10,700	C
	<i>Cracks, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random</i>							
	<i>Settlement, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
	<i>Spalling, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random</i>							
	<i>Other Observation, Extent : Light, Area Affected : 8%</i>							
	<i>Location : Random</i>							
	<i>Explanation : Raveling Pavement</i>							
Curbs								
Concrete	40%			LIFE		* *		A
Concrete	60%	Now	\$9,100	LIFE		* *		A
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Various Locations</i>							
	<i>Settlement, Extent : Light, Area Affected : 5%</i>							
	<i>Location :</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random</i>							
Embankment								
Earth	90%			LIFE		* *		C
Earth	10%	4+	\$100	LIFE		* *		C
	<i>Vegetation Growth, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Various Locations</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**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

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	
Approaches								
Guide Railing								
Concrete	100%	4+	\$6,100	2026	**	4	\$5,100	A
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random</i>							
	<i>Spalling, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random</i>							
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
	<i>Explanation : Scaling</i>							
Steel	80%			LIFE	**	2-8	\$5,800	A
Steel	20%	2-4	\$3,000	LIFE	**	2-8	\$5,800	A
	<i>Damaged Railing, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random</i>							
	<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Various Locations</i>							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
<hr/>								
Pavement Base								
Not Accessible	100%							D
<hr/>								
Sidewalks								
Asphalt	90%			2024	\$50,800	4	\$2,300	C
Asphalt	10%	4+	\$600	2024	\$5,600	4	\$1,500	C
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Various Locations</i>							
	<i>Settlement, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
	<i>Other Observation, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Northeast Corner</i>							
	<i>Explanation : Unpaved Area</i>							
<hr/>								
Piers								
Cap Beam								
Concrete	100%	0-2	\$3,054,300	LIFE	**			A
	<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Bottom Of Concrete Beam</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Random</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Condition Is As Per Nysdot Inspection Report</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**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

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	Priority Code
<b>Piers</b>								
Pier,Columns								
Concrete	80%			LIFE	**			B
Concrete	20%	2-4	\$13,982,200	LIFE	**			B
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random</i>								
<hr/>								
Stem,Solid Pier								
Concrete	60%			LIFE	**			B
Concrete	40%	4+	\$6,164,800	LIFE	**			B
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : Spalling With Exposed Reinforcement</i>								
<hr/>								
Brngs,Ancr Blts,Pads								
Steel	100%	2-4	\$366,700	LIFE	**	2-8	\$10,100	A
<i>Corrosion, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<hr/>								
Footings								
Not Accessible	100%							D
<hr/>								
Pedestals								
Not Accessible	100%							D
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete	70%			2043	**			A
Concrete	30%	Now	\$4,387,500	2043	**			A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Various Locations</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
<hr/>								
Guide Railing								
Steel	90%			LIFE	**			A
Steel	10%	4+	\$46,200	LIFE	**			A
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Locations</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**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

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	
Deck Elements								
Median								
Steel	90%			LIFE	**	4-8	\$31,500	A
Steel	10%	4+	\$4,600	LIFE	**	4-8	\$31,500	A
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : The Condition Of The Center Through Is Recorded In Superstructure Under Primary Member</i>								
Railings/Parapets								
Concrete	90%			2032	**	4	\$7,100	A
Concrete	10%	4+	\$11,600	2032	**	4	\$4,700	A
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
Sidewalks								
Concrete	50%			2028	**	5	\$25,300	C
Concrete	50%	Now	\$571,700	2028	**	5	\$12,700	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Various Locations</i>								
Wearing Surface								
Asphalt	80%			2024	\$577,800	5	\$51,500	C
Asphalt	20%	2-4	\$28,900	2024	\$144,400	5	\$25,700	C
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
Superstructure								
Deck,Structural								
Concrete	60%			LIFE	**	5	\$51,100	A
Concrete	40%	2-4	\$1,008,000	LIFE	**	5	\$51,100	A
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random</i>								
<i>Explanation : Wood Plank Is Used For Under Deck Shield Protection</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**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

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	\$190,600	LIFE	**			C
	<i>Loose Joint Plates, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Primary Member								
Concrete	70%			LIFE	**	5	\$29,400	A
Concrete	30%	2-4	\$1,305,100	LIFE	**	5	\$29,400	A
	<i>Cracks, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random</i>							
	<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Various Location</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
Steel	80%			LIFE	**	2-8	\$858,600	A
Steel	20%	2-4	\$13,811,900	LIFE	**	2-8	\$858,600	A
	<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Random</i>							
	<i>Loss of Section, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random</i>							
	<i>Rust Stains, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Random</i>							
Secondary Member								
Steel	80%			LIFE	**	2-8	\$719,300	B
Steel	20%	2-4	\$476,600	LIFE	**	2-8	\$719,300	B
	<i>Corrosion, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random</i>							
	<i>Rust Stains, Extent : Moderate, Area Affected : 25%</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK  
**Address** : GARDNER AVENUE BROOKLYN 47TH STREET QUEENS  
**Borough** : BROOKLYN:QNS. Agency's Number : N/A  
**Program / Asset #** : DOT0150.000 / 13513 Yr Built/Renovated : 1903 /  
**Area Sq Ft** : 5,100 Project Type : WATERWAY BRIDGES  
**Date of Survey** : 26-Apr-2013 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2240390

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Bridge Structure		\$1,248,800	
Bridge Electrical		\$1,023,500	\$183,800
Bridge Mechanical		\$226,300	\$100,700
<b>Total</b>		<b>\$2,498,600</b>	<b>\$284,400</b>
Priority A		\$974,600	
Priority B		\$1,524,000	\$284,400
<b>Total</b>		<b>\$2,498,600</b>	<b>\$284,400</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$39,600		\$200	
Bridge Electrical	\$25,200	\$11,200		
Bridge Mechanical	\$49,200			
<b>Total</b>	<b>\$114,000</b>	<b>\$11,200</b>	<b>\$200</b>	
Priority A			\$200	
Priority B	\$74,500	\$11,200		
Priority C	\$39,600			
<b>Total</b>	<b>\$114,000</b>	<b>\$11,200</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**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

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								
Granite	100%			LIFE	* *			A
Backwall								
Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads								
Steel	100%	Now	\$61,200	LIFE	* *			A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Beginning &amp; End Abutments, North Side Bearings Missing 1 To 2 Anchor Bolts.</i>								
<i>Loose Fastenings, Extent : Severe, Area Affected : 100%</i>								
<i>Location : All 4 Bearings Have Loose Anchor Bolt Nuts.</i>								
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%			LIFE	* *			B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : End Abutment South Side</i>								
<i>Explanation : Bridge Side Raised 1.5 Inches Higher Than The South Sidewalk</i>								
Mat (scour & erosion)								
Not Accessible	100%							D
Stem (breastwall)								
Masonry: Granite	10%	4+	\$122,100	LIFE	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Beginning &amp; End Abutments</i>								
<i>Explanation : Masonry Pointing Needed</i>								
Masonry: Granite	90%			LIFE	* *			B
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Granite	100%			LIFE	* *			C
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Beginning &amp; End Abutments</i>								
<i>Explanation : Masonry Pointing Needed</i>								
Stream Channel								
Bank Protection								
Concrete	100%			LIFE	* *			C
Riprap	100%	4+	\$23,600	LIFE	* *			C
<i>Erosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Begin North Side</i>								
Timber	100%			2024				C
Mat (scour & erosion)								
Not Accessible	100%							D

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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		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	80%			LIFE	**			B
Timber	20%	Now	\$152,000	LIFE	**			B
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Swing Span Pivot Pier</i>								
<i>Split/Dry/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Swing Span Pivot Pier</i>								
Approaches								
Pavement								
Asphalt	100%			2028	**	4	\$15,700	C
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Granite	100%			LIFE	**			A
Guide Railing								
Steel	100%			LIFE	**	2-8	\$7,500	A
Sidewalks								
Concrete	80%			LIFE	**			C
Concrete	20%	4+	\$10,700	LIFE	**			C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Begin North And South Sidewalks</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Begin North Sidewalk</i>								
Movable Bridges								
Swing Span Truss								
Steel	10%	4+	\$228,400	LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Swing Spans 1 &amp; 2</i>								
<i>Explanation : Structural Steel Exhibits Section Loss And Corrosion In Localized Areas.</i>								
Steel	20%	0-2	\$685,100	LIFE	**			A
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Swing Spans 1 &amp; 2</i>								
<i>Explanation : Section Loss And Corrosion On Primary And Secondary Members. Sidewalks Severely Deteriorated.</i>								
Steel	70%			LIFE	**			A
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Swing Span Pivot Pier</i>								
<i>Explanation : Masonry Pointing Needed</i>								
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%			2017	\$11,200			B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

<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>	<b>Priority Code</b>
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	* *			B
Disconnect Switch								
Generic	100%			2022	\$10,300			B
Limit Switch								
Rotary	100%			2017				B
Generic	100%	2-4	\$19,000	2044	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Brake Limit Switches</i>								
<i>Explanation : Brake Limit Switch Covers Corroded And Leaving Interior Components Exposed</i>								
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%			2022	\$183,800			B
Raceway								
Submarine Control Cables								
Generic	100%			2018	\$306,300			B
Wiring								
Generic	100%			2018	\$484,100			B
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$39,300	2019	\$131,200			B
<i>Broken/Missing Elem, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Approach, North Stoplight Missing</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Flashers Mounted On Structure</i>								
<i>Explanation : Gongs Inoperative On Vehicular Gates</i>								
Lighting								
Lighting Devices								
Generic	80%	Now	\$6,300	2018	\$62,600			B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Roadway Lighting</i>								
<i>Explanation : One Fixture Inoperative</i>								
Generic	20%			2029	* *			B

<b>Bridge Mechanical</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>	<b>Priority Code</b>
Swing								
Center Latch								
Generic	100%	Now	\$10,400	2027	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Center Latch</i>								
<i>Explanation : Components Are Corroded And Need Manual Assistance For Operation.</i>								
Center Pivot/Rim Assembly								
Generic	100%			2027	* *			B

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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	Priority Code
Swing								
End Lift								
Generic	100%	Now	\$68,300	2027	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : End Lifts</i>								
<i>Explanation : Roller Assemblies And Cranks Are In Differing Positions. Brakes Require Repair.</i>								
Houses								
Access Ways	100%	Now	\$27,800	2039	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Center Pivot Pier And End Lift Accessways</i>								
<i>Explanation : Some Center Pivot Deck Boards Need To Be Repaired. Grating At End Lifts Is Severely Corroded.</i>								
Control House	100%	Now	\$75,900	2064	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Control And Bridge House</i>								
<i>Explanation : The Bridge House Is At The End Of Its Useful Life. The Bridge House And Control House Require Repairs.</i>								
Main Drive System								
Generic	100%	Now	\$42,100	2027	* *			B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Operating Machinery</i>								
<i>Explanation : Some Oil Leakage. Brakes Are Not Functioning, Repairs Needed.</i>								
Rack								
Generic	100%			LIFE	* *			B
Live Load Supports								
Generic	100%	Now	\$5,000	2020	\$100,700			B
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Raceways, Roller Nest And Bases</i>								
<i>Explanation : Components Are Nearing The End Of Their Useful Life. Some Broken Anchor Bolts.</i>								
Traffic Devices								
Barrier Gate	100%	Now	\$6,000	2033	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : Gates Do Not Lock In Roadway In Closed Position. Some Missing Hardware.</i>								
Warning Gate	100%	Now	\$40,000	2027	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Warning Gates</i>								
<i>Explanation : Some Missing Gate Arms. Gates Are Nearing The End Of Their Useful Life.</i>								

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK  
**Address** : NEW TOWN CREEK, LIRR  
**Borough** : BROOKLYN:QNS. **Agency's Number** : N/A  
**Program / Asset #** : DOT0047.000 / 2500 **Yr Built/Renovated** : 1927 /  
**Area Sq Ft** : 76,106 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 23-Apr-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2240370

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$169,200	\$1,893,600
Bridge Electrical		\$1,084,400
Bridge Mechanical	\$528,900	
<b>Total</b>	<b>\$698,100</b>	<b>\$2,978,000</b>
Priority A		\$904,800
Priority B	\$528,900	\$1,903,900
Priority C	\$169,200	\$169,200
<b>Total</b>	<b>\$698,100</b>	<b>\$2,978,000</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$60,000	\$3,600	\$167,800	\$19,300
Bridge Electrical	\$38,100	\$16,400	\$10,300	\$7,200
Bridge Mechanical	\$129,700		\$71,800	
<b>Total</b>	<b>\$227,800</b>	<b>\$20,000</b>	<b>\$249,900</b>	<b>\$26,500</b>
Priority A	\$14,400		\$85,600	
Priority B	\$189,900	\$16,400	\$164,400	\$7,200
Priority C	\$23,500	\$3,600		\$19,300
<b>Total</b>	<b>\$227,800</b>	<b>\$20,000</b>	<b>\$249,900</b>	<b>\$26,500</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

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)	
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+	\$22,100	LIFE	* *		B
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 5%</i> <i>Location : End Abutment 2ft Of Armor Missing From Joint</i> <i>Leakage, Extent : Moderate, Area Affected : 10%</i> <i>Location : Beginning And End Abutments</i>							
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
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i> <i>Location : Approximately 40ft To The North Side Of The Bridge</i> <i>Explanation : Steel Bulkhead Damaged For 25ft</i>							
Mat (scour & erosion) Not Accessible	100%						D
Pier Protection Timber	100%			LIFE	* *		B
<i>Rotted, Extent : Light, Area Affected : 1%</i> <i>Location : Starting On The Tops Of Dolphin Piles At Bascule Piers 5 &amp; 6</i> <i>Split/Dry/Cracked, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations On Bascule Piers 5 &amp; 6</i>							
Approaches							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**

**Asset # : 2500**

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	
Approaches								
Pavement								
Asphalt	100%			2029	**	4	\$10,700	C
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Beginning And End Approaches</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Beginning And End Approaches</i>								
<i>Explanation : Asphalt Recently Repaved.</i>								
Concrete	100%	2-4	\$15,100	2039	**	4	\$26,100	C
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Beginning Approach</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$14,400	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Both Sides Of The Beginning And End Approaches</i>								
Guide Railing								
Steel	100%			LIFE	**	2-8		A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
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	\$29,500	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%			LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Spans 1- 5 &amp; 7 - 12</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$58,600	A
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Spans 1 - 5 &amp; 7 - 12</i>								
<i>Explanation : Spans With Railings.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

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	
Deck Elements								
Sidewalks								
Concrete	100%			2034	**	5	\$38,600	C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 5 &amp; 7 - 12</i>								
<i>Explanation : Only Spans 1 - 5 &amp; 7 - 12</i>								
Wearing Surface								
Concrete	100%			2039	**	5	\$338,400	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$66,000	A
<i>Other Observation, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Span 3</i>								
<i>Explanation : 3 Sft Stay In Place Form Is Corroded.</i>								
Joints								
Generic	100%	2-4	\$8,400	LIFE	**			C
<i>Leakage, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Pier 10</i>								
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Pier 4 Armored Joint At North Curb Damaged</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 3, 4, 7 &amp; 10</i>								
<i>Explanation : Joints Filled With Dirt.</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,530,700	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,282,300	B
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Bascule Span 6</i>								
<i>Explanation : Sidewalk &amp; Roadway Wearing Surface Is New</i>								
Bascule Span Pier								
Concrete	100%			LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Bascule Span Piers 5 &amp; 6</i>								
<i>Explanation : Base Of Trunnion Tower Columns Exhibit Corrosion,</i>								

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%	Now	\$14,000	2024	\$14,000			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entire Bridge</i>								
<i>Explanation : Intercom Not Functioning</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

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								
Telephone								
Desk Top	100%			2023				B
Control System Electrical								
Control Console								
Stainless Steel	100%	4+	\$8,900	LIFE	**			B
<i>Broken/Missing Elem, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Knob On Power Feeder Selector Broken</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Control Desk</i>								
<i>Explanation : Power Feeder Knob Broken, Indicating Lights</i>								
Control Devices								
Relay	100%	Now	\$7,200	2029	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Motor Drives</i>								
<i>Explanation : Meters Show Current Surge During Operation Of Drives</i>								
Disconnect Switch								
Non Fused	100%			2037	**	1	\$35,900	B
Limit Switch								
Generic	100%			2037	**			B
Local Starter								
Magnetic	100%			2037	**			B
Drive								
Machinery Brake								
Thruster	100%			2050	**	1	\$1,100	B
Motor Brake								
Thruster	100%			2044	**	1	\$1,100	B
Span Lock Motor								
Generic	100%			2044	**	1	\$1,100	B
Electrical Power								
MCC								
Contactors	100%			2037	**			B
PanelBoard								
Circuit Breaker	100%			2041	**	1	\$6,700	B
Service Equipment								
Not Accessible	100%							D
Transfer Switch								
Not Accessible	100%							D
Transformer								
Dry	100%			2037	**			B
Exterior Lighting								
Lighting Contactor								
Generic	100%			2037	**	1	\$5,600	B
Lighting Fixture								
HID	100%			2017				B
<i>Broken/Missing Elem, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Northeast And Southeast Roadway Lights Inoperative</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**

**Asset # : 2500**

<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								
Pole								
Steel	100%			2025				B
Spot Lighting								
Generic	40%			2017	\$6,100			B
Generic	60%	Now	\$900	2022	\$9,100			B
<i>Broken/Missing Elem, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Areaways</i>								
Ground/Lightning Protection								
Ground Rod								
Not Accessible	100%							D
Interior Lighting								
Lighting Fixture								
Fluorescent	100%			2018	\$3,100	1	\$5,600	B
HID	100%			2022	\$3,100			B
Incandescent	100%			2017	\$3,100			B
Wiring Device								
Generic	100%			2029	* *			B
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2019				B
Span Lighting								
Incandescent	100%			2019		1	\$2,300	B
Raceway								
Box								
Pull Junction	100%			2024		1	\$6,700	B
Terminal	100%			2029	* *	1	\$2,300	B
Communications								
Twisted Shielded pair	100%			2023				B
Conduit								
Metal	100%			2052	* *			B
Submarine Control Cables								
Generic	100%			2025	\$1,084,400			B
Submarine Power Cable								
Generic	100%			2025				B
Trough								
Metal	100%			2059	* *	1	\$1,100	B
Wires								
Thermoplastic	100%			2029	* *			B
Span Lock								
Motor								
Squirrel Cage	100%			2027	* *			B
Stand-by Power								
Transfer Switch								
Not Accessible	100%							D
Traffic System Electrical								
Traffic Gate Lighting								
Incandescent	100%			2019		1	\$1,100	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**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**

**Asset # : 2500**

<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>	<b>Priority Code</b>

**Traffic System Electrical**

Traffic Gong Generic	100%			2019		1	\$600	B
Traffic Signal Generic	100%			2022		1	\$600	B

<b>Bridge Mechanical</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>	<b>Priority Code</b>

**Bascule**

Counter Weight Generic	100%	2-4	\$48,500	2052	**	2	\$71,800	B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : Counterweights</i> <i>Explanation : Some Corrosion Present</i>								

**Houses**

Access Ways	100%	Now	\$24,000	2027	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Throughout All Areas</i> <i>Explanation : Some Grating And Door/ Hatch Repair Necessary. Cwt Access Platform Missing At Northwest &amp; Northeast</i>								
Control House	100%	Now	\$54,200	2039	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Control House</i> <i>Explanation : The Roof, Some Doors And Windows Need Repair. Some Floor Panels Need Repair. Water Heater Leaks.</i>								
Machinery Room	100%	Now	\$33,300	2052	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Machinery Rooms</i> <i>Explanation : Machinery Rooms Are Corroded . Some Doors, Hatches And Locks Need Repair.</i>								

**Lock Bars**

With Motor	100%	Now	\$103,300	2033	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : Lock Bars</i> <i>Explanation : All Lockbar Clearances Need To Be Reduced. Oil Leakage From Gear Reducers And Components Are Corroding.</i>								

**Main Drive System**

Generic	100%	Now	\$230,500	2052	**	2	\$215,500	B
<i>Other Observation, Extent : Light, Area Affected : 20%</i> <i>Location : Operating Machinery</i> <i>Explanation : Oil Leakage. Components Are Corroding &amp; Coupling Gaskets Are Deteriorating. Southwest Differential Makes Atypical Noise</i>								

**Rack**

Generic	100%	Now	\$27,900	2052	**			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Racks</i> <i>Explanation : Some Corrosion On Supports And Fasteners.</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.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

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)	
<b>Bascule</b>							
Live Load Supports Generic	100%	Now	\$1,100	2033	* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
<i>Location : Live Load Bearings</i>							
<i>Explanation : Bearings Need To Be Adjusted In Conjunction With Locks.</i>							
<hr/>							
<b>Traffic Devices</b>							
Barrier Gate	100%	Now	\$19,400	2027	* *		B
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>							
<i>Location : Barrier Gates</i>							
<i>Explanation : Vehicle Restraint System Requires Repair. Broken/ Missing Hardware &amp; Locks On Some Gates.</i>							
Warning Gate	100%	Now	\$24,000	2027	* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
<i>Location : Warning Gates</i>							
<i>Explanation : Broken Guy Wire And Anchor Bolt On One Gate. Missing Locks.</i>							
<hr/>							
<b>Trunnion</b>							
Generic	100%	Now	\$92,400	2052	* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
<i>Location : Trunnion Assemblies</i>							
<i>Explanation : Corrosion. Slight Squeak On West For A Few Degrees Of Operation. Most Likely Small Dry Spot Of Grease.</i>							

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : HAMILTON AVENUE BRIDGE NORTHBOUND LEAF  
**Address** : HAMILTON AVE./GOWANUS CANAL  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$491,300	\$1,364,400
<b>Total</b>	<b>\$491,300</b>	<b>\$1,364,400</b>
Priority A		\$72,300
Priority C	\$491,300	\$1,292,100
<b>Total</b>	<b>\$491,300</b>	<b>\$1,364,400</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure		\$4,800	\$8,500	\$29,000
Bridge Electrical	\$8,500	\$6,600	\$6,600	\$6,600
Bridge Mechanical	\$65,500		\$62,900	
<b>Total</b>	<b>\$74,000</b>	<b>\$11,400</b>	<b>\$78,000</b>	<b>\$35,600</b>
Priority A			\$8,500	
Priority B	\$74,000	\$6,600	\$69,400	\$6,600
Priority C		\$4,800		\$29,000
<b>Total</b>	<b>\$74,000</b>	<b>\$11,400</b>	<b>\$78,000</b>	<b>\$35,600</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**  
**HAMILTON AVENUE BRIDGE NORTHBOUND LEAF**

**Asset # : 13434**

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								
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	\$1,144,000			C
Timber	50%	Now	\$343,200	2032	**			C
<i>Broken/Missing Element, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Begin Abutment Right Side Timber Bulkhead Missing Elements</i>								
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	100%			LIFE	**			B
Approaches								
Pavement								
Asphalt	100%			2027	**	4	\$58,000	C
Concrete	100%			2037	**	4		C
Curbs								
Steel	100%			LIFE	**			A
Guide Railing								
Steel	100%			LIFE	**	2-8	\$26,200	A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%			LIFE	**			C

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

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	\$6,900	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	\$8,500	A
Sidewalks Concrete	100%			2032	**	5	\$9,600	C
Wearing Surface Asphalt	100%			2027	**	5	\$139,200	C
Concrete	100%			2037	**	5	\$156,900	C
Superstructure								
Deck,Structural Concrete	100%			LIFE	**	5	\$8,000	A
Joints Steel	100%			LIFE	**			C
Primary Member Concrete	100%			LIFE	**	5		A
Steel	100%			LIFE	**	2-8	\$135,000	A
Secondary Member Concrete	100%			LIFE	**	5		B
Movable Bridges								
Bascule Span Steel	100%			LIFE	**			A
Bascule Span Pier Concrete	100%			LIFE	**			A

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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	
Communication Electrical								
Intercom								
Generic	100%			2022	\$17,500			B
Telephone								
Desk Top	100%			2022	\$300			B
Jack								
Telephone	100%			2022	\$200			B
Control System Electrical								
Computer								
PLC	100%			2022	\$24,000			B
Control Console								
Stainless Steel	100%			LIFE	* *			B
Control Devices								
Relay	100%			2042	* *			B
Disconnect Switch								
Non Fused	100%			2042	* *	1	\$35,900	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	\$1,100	B
Motor Brake								
Thruster	100%			2052	* *	1	\$1,100	B
Span Lock Motor								
Generic	100%			2052	* *	1	\$600	B
Electrical Power								
PanelBoard								
Circuit Breaker	100%			2042	* *	1	\$6,700	B
Service Equipment								
Circuit Breaker	100%			2042	* *			B
Transfer Switch								
Auto	100%			2042	* *			B
Exterior Lighting								
Lighting Fixture								
HID	100%			2022	\$6,000			B
Spot Lighting								
Generic	100%			2022	\$19,800			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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\*\* 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		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	\$5,700	1	\$4,500	B
Span Lighting								
Incandescent	100%	Now	\$2,200	2022	\$10,800	1	\$2,000	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	\$4,500	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	\$1,100	B
Wires								
Thermoplastic	100%			2042	* *			B
Span Lock								
Motor								
Squirrel Cage	100%			2037	* *			B
Stand-by Power								
Generator								
Diesel	100%			2042	* *	1	\$4,500	B
Transfer Switch								
Auto	100%			2042	* *			B
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2022	\$14,000	1	\$1,100	B
Traffic Gate Lighting								
Incandescent	100%			2022	\$14,000	1	\$1,100	B
Traffic Gong								
Generic	100%			2022	\$14,800	1	\$600	B
Traffic Sign								
Fixed	100%			2022				B
Traffic Signal								
Generic	100%			2022	\$2,600	1	\$600	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 NORTHBOUND LEAF**

**Asset # : 13434**

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	\$44,900	B
Emergency Drive Emergency Power	100%	Now	\$2,700	2062	* *	2	\$71,800	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 &amp; For The Presence Of Exhaust Gas In Control Tower.</i>								
Fuel Tanks Generic	100%			2042	* *			B
Houses								
Access Ways	100%	Now	\$800	2037	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i> <i>Location : Counterweight Access Platform</i> <i>Explanation : Locking Pin Hole For Swing Platform Needs To Be Repaired.</i>								
Control House	100%	Now	\$9,700	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	\$1,700	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	\$13,800	2037	* *	2	\$35,900	B
<i>Other Observation, Extent : Moderate, Area Affected : 1%</i> <i>Location : East Lock Bars</i> <i>Explanation : Some Coverage Of Debris. Missing Nuts On Connecting Rod Pin Bolts.</i>								
Main Drive System								
Generic	100%			2062	* *	2	\$134,700	B
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : East Machine Room</i> <i>Explanation : Breathers Will Need To Be Changed Soon.</i>								
Rack								
Generic	100%			2062	* *			B
Live Load Supports								
Generic	100%	0-2	\$900	2037	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Cwt Pit</i> <i>Explanation : Bumper Block Wood Is Splitting.</i>								
Traffic Devices								
Barrier Gate	100%			2037	* *			B
Warning Gate	100%			2037	* *			B
Trunnion								
Generic	100%			2062	* *			B

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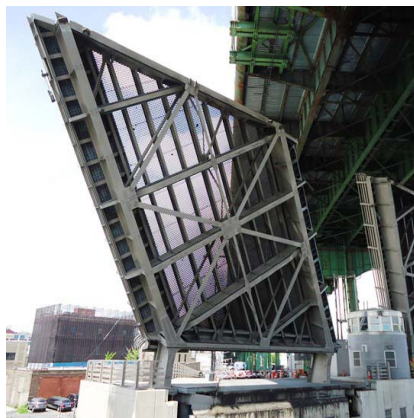
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF  
**Address** : HAMILTON AVE./GOWANUS CANAL  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$185,900	\$933,600
Bridge Electrical		\$133,000
<b>Total</b>	<b>\$185,900</b>	<b>\$1,066,600</b>
Priority A		\$427,600
Priority B		\$560,600
Priority C	\$185,900	\$78,500
<b>Total</b>	<b>\$185,900</b>	<b>\$1,066,600</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$11,400	\$12,500	\$87,000	\$29,000
Bridge Electrical	\$8,300	\$6,600	\$6,600	\$6,600
Bridge Mechanical	\$74,900		\$62,900	
<b>Total</b>	<b>\$94,700</b>	<b>\$19,100</b>	<b>\$156,500</b>	<b>\$35,600</b>
Priority A			\$44,200	
Priority B	\$83,300	\$6,600	\$112,300	\$6,600
Priority C	\$11,400	\$12,500		\$29,000
<b>Total</b>	<b>\$94,700</b>	<b>\$19,100</b>	<b>\$156,500</b>	<b>\$35,600</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**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**

**Asset # : 4217**

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 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+	\$107,400	LIFE	**			C
			<i>Erosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Begin Abutment Left Side</i>					
Sheet Piling	100%			LIFE	**			C
Timber	90%			2027	**			C
Timber	10%	Now	\$11,400	2027	**			C
			<i>Broken/Missing Element, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : End Abutment Left Side</i>					
Mat (scour & erosion) Not Accessible	100%							D
Pier Protection Timber	100%			LIFE	**			B
Approaches								
Pavement Asphalt	100%			2027	**	4	\$58,000	C
Concrete	100%			2037	**	4		C
Curbs Steel	100%			LIFE	**			A
Guide Railing Steel	100%			LIFE	**	2-8	\$26,200	A

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**

**Asset # : 4217**

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	
Approaches								
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8		A
Pier,Columns								
Concrete	100%			LIFE	**			B
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$6,900	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	**			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	\$8,500	A
Sidewalks								
Concrete	100%			2032	**	5	\$9,600	C
Wearing Surface								
Asphalt	100%			2027	**	5	\$15,500	C
Concrete	100%			2037	**	5	\$156,900	C
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$3,300	A
Joints								
Steel	100%			LIFE	**			C
Primary Member								
Concrete	100%			LIFE	**	5		A
Steel	100%			LIFE	**	2-8	\$798,600	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$669,000	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		Priority Code
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
<b>Bridge Electrical</b>								
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	\$33,500			B
Control System Electrical								
Computer								
PLC	100%			2022	\$24,000			B
Control Console								
Stainless Steel	100%			LIFE	**			B
Control Devices								
Relay	100%			2042	**			B
Disconnect Switch								
Non Fused	100%			2042	**	1	\$35,900	B
Limit Switch								
Rotary	100%			2022				B
Local Starter								
Magnetic	100%			2042	**			B
Drive								
Grating Motor								
Generic	100%			2052	**			B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Machine Room</i>					
			<i>Explanation : Grating Motor Description Used For Main Motor</i>					
Machinery Brake								
Thruster	100%			2052	**	1	\$1,100	B
Motor Brake								
Thruster	100%			2052	**	1	\$1,100	B
Span Lock Motor								
Generic	100%			2052	**	1	\$600	B
Electrical Power								
PanelBoard								
Circuit Breaker	100%			2042	**	1	\$6,700	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**

<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>	
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	\$5,700	1	\$4,000	B
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : North Pier</i>					
			<i>Explanation : Center Pier Light Out</i>					
Span Lighting								
Incandescent	100%	Now	\$2,200	2022	\$10,800	1	\$2,000	B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : East And West Bascule Lights</i>					
			<i>Explanation : Red Lights Not Working</i>					
Raceway								
Box								
Pull Junction	100%			2032	* *	1	\$4,500	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	\$1,100	B
Wires								
Thermoplastic	100%			2042	* *			B
Span Lock								
Motor								
Squirrel Cage	100%			2037	* *			B
Stand-by Power								
Generator								
Diesel	100%			2042	* *	1	\$4,500	B
Transfer Switch								
Auto	100%			2042	* *			B
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2022		1	\$1,100	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**

**Asset # : 4217**

<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>	<b>Priority Code</b>

Traffic System Electrical								
Traffic Gate Lighting								
Incandescent	100%			2022		1	\$1,100	B
Traffic Gong								
Generic	100%			2022		1	\$600	B
Traffic Sign								
Fixed	100%			2022				B
Traffic Signal								
Generic	100%			2022	\$133,000	1	\$600	B

<b>Bridge Mechanical</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>	<b>Priority Code</b>

Bascule								
Counter Weight								
Generic	100%			2062	**	2	\$44,900	B
Emergency Drive								
Emergency Power	100%	Now	\$7,700	2062	**	2	\$71,800	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	\$10,500	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	\$3,300	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	\$9,700	2037	**	2	\$35,900	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	\$134,700	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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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**

**Asset # : 4217**

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	Priority Code
Bascule								
Live Load Supports Generic	100%	0-2	\$1,100	2037		* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Cwt Pit And Bascule Span</i> <i>Explanation : Bumper Block Wood Is Splitting. Some Bolts On Span Centering Guide Appeared To Be Loose.</i>								
Traffic Devices								
Barrier Gate	10%	Now	\$6,600	2037		* *		B
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : North Barrier Gate</i> <i>Explanation : Barrier Gate Locking Limit Switch Is Not Working Properly</i>								
Barrier Gate	90%			2037		* *		B
Warning Gate	100%			2037		* *		B
Trunnion								
Generic	100%			2062		* *		B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : West Trunnions</i> <i>Explanation : Missing Grease Fittings And Loose Purge Plugs</i>								

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS  
**Address** : HUNTERS POINT AVE.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0178.000 / 13712 **Yr Built/Renovated** :  
**Area Sq Ft** : 11,544 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 08-Apr-2009 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240450

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$486,200	\$405,200
Bridge Electrical	\$164,600	\$92,400
Bridge Mechanical	\$436,800	\$240,300
<b>Total</b>	<b>\$1,087,500</b>	<b>\$737,900</b>
Priority A		\$114,300
Priority B	\$1,087,500	\$447,000
Priority C		\$176,700
<b>Total</b>	<b>\$1,087,500</b>	<b>\$737,900</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$10,200	\$300	\$23,300	\$33,100
Bridge Electrical	\$38,700			\$33,500
Bridge Mechanical	\$75,500			
<b>Total</b>	<b>\$124,400</b>	<b>\$300</b>	<b>\$23,300</b>	<b>\$66,600</b>
Priority A	\$100		\$11,900	
Priority B	\$114,200		\$11,500	\$33,500
Priority C	\$10,100	\$300		\$33,100
<b>Total</b>	<b>\$124,400</b>	<b>\$300</b>	<b>\$23,300</b>	<b>\$66,600</b>



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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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Steel	100%			LIFE	* *			A
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Begin &amp; End Abutment</i>								
<i>Explanation : Debris On Bridge Seat.</i>								
Backwall Concrete	100%			LIFE	* *			C
Brngs,Ancr Blts,Pads Steel	100%			LIFE	* *			A
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Begin &amp; End Abutment.</i>								
<i>Explanation : Debris On Bearings.</i>								
Footings Not Accessible	100%							D
Joint with Deck Generic	100%	Now	\$106,100	LIFE	* *			B
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Begin &amp; End Abutment</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Begin &amp; End Abutment</i>								
<i>Explanation : Joint Sealer Cracked And Allows Water &amp; Debris On Bridge Seat.</i>								
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
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : All 4 Wingwalls</i>								
<i>Explanation : Efflorescence Located On The Wingwalls</i>								
Stream Channel								
Bank Protection Riprap	100%	4+	\$500	LIFE	* *			C
<i>Erosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Begin Abut. Left Side Embankment.</i>								
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		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	100%	4+	\$380,100	LIFE	**			B
<i>Broken/Missing Element, Extent : Light, Area Affected : 10%</i>								
<i>Location : Pier 1 &amp; Bascule Pier 2</i>								
<i>Rotted, Extent : Light, Area Affected : 20%</i>								
<i>Location : Both Piers</i>								
Approaches								
Pavement								
Concrete	100%			2029	**	4	\$1,000	C
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Sidewalks								
Concrete	100%	4+	\$500	LIFE	**			C
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
Piers								
Stem,Solid Pier								
Masonry	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Pier 1</i>								
<i>Explanation : Pier 1 Is In Good Condition.</i>								
Brngs,Ancr Blts,Pads								
Steel	5%	Now	\$100	LIFE	**	2-8	\$900	A
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Pier 1 Span 2 Side Right Bearing</i>								
<i>Explanation : Right Bearing At Pier 1 Is Bouncing Under Live Load.</i>								
Steel	95%			LIFE	**	2-8	\$900	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	\$9,600	A
Sidewalks								
Concrete	100%			2025	\$176,700	5	\$6,400	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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	90%			2029	**	5	\$66,200	C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 &amp; 4.</i>								
<i>Explanation : Conc. Wearing Surface In Spans 1, 3 &amp; 4.</i>								
Concrete	10%	4+	\$9,000	2029	**	5	\$33,100	C
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Spans 1 And 4</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$12,700	A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3, &amp; 4</i>								
<i>Explanation : Located In Spans 1, 3, &amp; 4</i>								
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$213,400	A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 &amp; 4.</i>								
<i>Explanation : Located In Spans 1, 3 &amp; 4.</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$178,800	B
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 &amp; 4.</i>								
<i>Explanation : Located In Spans 1, 3 &amp; 4.</i>								
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	**			A
Bascule Span Pier								
Concrete	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Piers 2 &amp; 3</i>								
<i>Explanation : Fine Vertical Cracks</i>								

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	\$700	2019	\$33,500			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Telephone</i>								
<i>Explanation : Telephone In Control Room Needs To Be Punched Down.</i>								
Control System Electrical								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

<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>	<b>Priority Code</b>
Control System Electrical								
Control Console Stainless Steel	100%	Now	\$700	LIFE		* *		B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Indication Lights</i>								
<i>Explanation : The Indication Lights Need Replacement/relamping.</i>								
Disconnect Switch Generic	100%			2040		* *		B
Limit Switch Generic	100%			2040		* *		B
Electrical Power								
Transfer Switch Auto	100%	4+	\$1,800	2040		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Circuit Breaker Transfer</i>								
<i>Explanation : Circuit Breaker Transfer Switch Making Noise When Turned Off</i>								
Transformer Dry	100%			2040		* *		B
Heating Generic	100%			2040		* *		B
Dist Equip & Motor Control 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	\$33,700	2033		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Generator Is Inoperable</i>								
Traffic System Electrical								
Traffic Signal Generic	100%			2019	\$164,600			B
Lighting								
Lighting Devices Generic	100%	Now	\$1,800	2025	\$92,400			B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Navigation Lighting</i>								
<i>Explanation : Several Navigational Lights Need Relamping.</i>								

<b>Bridge Mechanical</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>	<b>Priority Code</b>

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		Priority Code
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	\$34,100	2035		* *		B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Control House And Machine Room</i>					
			<i>Explanation : Emergency Operation Could Not Be Tested. System Should Be Tested Every Month.</i>					
Houses								
Access Ways	100%	Now	\$34,000	2029		* *		B
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Access Ways</i>					
			<i>Explanation : Some Doors/hatches Need Repair</i>					
Control House	100%	Now	\$99,100	2048		* *		B
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Control House</i>					
			<i>Explanation : Roof Is Leaking. House Plumbing Needs Repair.</i>					
Machinery Room	100%			2055		* *		B
Lock Bars								
With Motor	50%	Now	\$24,400	2029		* *		B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Toe Locks</i>					
			<i>Explanation : Some Corrosion. Lock Bar Protective Cover Needs To Be Repaired.</i>					
With Motor	50%	Now	\$121,800	2029		* *		B
			<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>					
			<i>Location : Tail Locks</i>					
			<i>Explanation : Tail Locks Not Functional. Also, South Tail Lock Missing Drive Motor.</i>					
Main Drive System								
Generic	100%	Now	\$118,000	2055		* *		B
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Machinery Room</i>					
			<i>Explanation : Limit Switches Need To Be Adjusted In Conjunction With Live Load Bearings For Firm Seating Of Bridge.</i>					
Rack								
Generic	100%			2055		* *		B
Live Load Supports								
Generic	50%	Now	\$7,400	2033		* *		B
			<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Live Load Bearings At Toe</i>					
			<i>Explanation : Gap Present At South And Center Live Load Support Bearings And Substantial Movement Under Traffic Loading.</i>					
Generic	50%			2033		* *		B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Live Load Supports At Tail</i>					
			<i>Explanation : Not Accessible</i>					
Track								
Generic	100%			2055		* *		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**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

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)	
Bascule							
Traffic Devices							
Barrier Gate	100%	Now	\$73,500	2029	* *		B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
<i>Location : Barrier Gates</i>							
<i>Explanation : The Barrier Gates Are Currently Not In Service.</i>							
Warning Gate	100%			2023	\$240,300		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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER  
**Address** : BARTOW AVE X-ING HUTCH RIVER  
**Borough** : BRONX **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$217,300	\$1,316,200
Bridge Electrical		\$2,447,400
Bridge Mechanical	\$200,200	
<b>Total</b>	<b>\$417,400</b>	<b>\$3,763,600</b>
Priority A	\$71,400	\$539,900
Priority B	\$200,200	\$3,077,800
Priority C	\$145,800	\$145,800
<b>Total</b>	<b>\$417,400</b>	<b>\$3,763,600</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$28,800	\$24,000	\$118,900	\$800
Bridge Electrical	\$22,300	\$28,100		
Bridge Mechanical	\$64,900			
<b>Total</b>	<b>\$116,000</b>	<b>\$52,000</b>	<b>\$118,900</b>	<b>\$800</b>
Priority A	\$19,000		\$50,900	
Priority B	\$91,000	\$28,100	\$63,200	
Priority C	\$6,000	\$24,000	\$4,800	\$800
<b>Total</b>	<b>\$116,000</b>	<b>\$52,000</b>	<b>\$118,900</b>	<b>\$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**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

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 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+	\$3,800	LIFE	**			B
			<i>Erosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : End Abutment Drainage</i>					
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
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Areas Of Wingwalls</i>					
			<i>Explanation : Efflorescence</i>					
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
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Piers 4 &amp; 5.</i>					
			<i>Explanation : Granite Blocks</i>					
Timber	100%			LIFE	**			B
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Piers 2 &amp; 3.</i>					
			<i>Explanation : Piers 2 &amp; 3.</i>					
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**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

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	
Approaches								
Pavement								
Asphalt	80%			2026	**	4	\$9,700	C
Asphalt	20%	4+	\$5,500	2027	**	4	\$9,700	C
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Approach</i>								
Concrete	100%			2037	**	4	\$54,800	C
Curbs								
Concrete	100%			LIFE	**			A
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Steel	90%			LIFE	**	2-8	\$5,500	A
Steel	10%	Now	\$2,600	LIFE	**	2-8	\$5,500	A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 25%</i>								
<i>Location : East Side And West Side - North (end) Approach</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Asphalt	100%			2027	**	4	\$1,600	C
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$36,600	A
Pier,Columns								
Brick Veneer	100%			LIFE	**			B
Concrete	100%			LIFE	**			B
Granite	100%			LIFE	**			B
Steel	100%			LIFE	**	2-8	\$92,200	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

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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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$10,100	A
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$65,700	A
Sidewalks								
Concrete	100%			2032	**	5	\$11,400	C
Wearing Surface								
Concrete	100%			2037	**	5	\$291,700	C
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$53,200	A
Grating w/ Concrete	100%			LIFE	**			A
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$868,800	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$936,200	B
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	**			A
Steel	10%	4+	\$71,400	LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Areas Of St. Steel and Grating And Bascule Columns</i>								
<i>Explanation : Corrosion</i>								
Bascule Span Pier								
Concrete	98%			LIFE	**			A
Concrete	2%	4+	\$16,400	LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Leaf</i>								
<i>Explanation : Cracking Of Concrete At Inboard Trunnion Bearing Pedestal</i>								

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%			2020	\$14,000			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		Priority Code
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	\$92,600			B
			<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Northwest Pier Below Machine Room</i>					
			<i>Explanation : Fully Open Limit Switch Corroded</i>					
Electrical Power								
Transfer Switch								
Auto	100%	2-4	\$10,600	2027		* *		B
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Transfer Switch</i>					
			<i>Explanation : Only One Power Source Available. Transfer Switch Cannot Be Used Because Only One Source Of Power Is Available.</i>					
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+	\$11,200	2037		* *		B
			<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Below Machine Rooms</i>					
			<i>Explanation : Conduits Corroding</i>					
Submarine Control Cables								
Generic	100%			2020	\$793,100			B
Submarine Power Cable								
Power	100%			2020				B
Wiring								
Generic	100%			2023	\$1,461,600			B
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	10%	Now	\$300	2017	\$1,400			B
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Southeast, Southwest, Northeast and Northwest Barrier Gates</i>					
			<i>Explanation : Southeast Light Cover Missing, Southwest Light Out, Northeast Light Out, Northwest Light Cover Missing</i>					
Incandescent	90%			2017	\$12,600			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**

<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>	<b>Priority Code</b>
<b>Traffic System Electrical</b>								
<b>Traffic Gate Lighting</b>								
Incandescent	10%	Now	\$300	2017	\$1,400			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	\$12,600			B
<b>Traffic Gong</b>								
Generic	100%			2017				B
<b>Traffic Signal</b>								
Generic	100%			2017				B
<b>Lighting</b>								
<b>Lighting Devices</b>								
Generic	100%			2020	\$100,300			B
<b>Bridge Mechanical</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>Bascule</b>								
<b>Counter Weight</b>								
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>								
<b>Emergency Drive</b>								
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>								
<b>Houses</b>								
<b>Access Ways</b>								
	100%	Now	\$4,600	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>								
<b>Auxiliary</b>								
	100%	Now	\$5,400	2031	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : South Auxiliary House</i>								
<i>Explanation : Leaky Door</i>								
<b>Control House</b>								
	100%	Now	\$9,900	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>								
<b>Machinery Room</b>								
	100%	Now	\$3,300	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>								

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

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

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



**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

Bridge 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								
Lock Bars With Motor	100%	4+	\$105,000	2031		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : All Lock Bars</i> <i>Explanation : Only Observed From Sidewalk. Movement Of Spans Ranged From Approx 1/8 To 1/4 inches. Clearances Need To Be Reduced.</i>								
Main Drive System								
Generic	50%	4+	\$47,600	2050		* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : North Machine Rooms</i> <i>Explanation : Operation Not Observed. Some Corrosion &amp; Lubricant Leakage. Possible Lubricant Contamination.</i>								
Generic	50%	Now	\$47,600	2050		* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : South Machine Rooms</i> <i>Explanation : Small Squeak From Couplings During Operation. One Failed Brake Limit Switch.</i>								
Rack								
Generic	100%	4+	\$20,000	2050		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i> <i>Location : Racks</i> <i>Explanation : Corrosion</i>								
Live Load Supports								
Not Accessible	100%							D
Traffic Devices								
Barrier Gate	25%	0-2	\$7,800	2031		* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Barrier Gates</i> <i>Explanation : Southeast Reported To Be Missing Handles.</i>								
Barrier Gate	75%			2031		* *		B
Warning Gate	100%	0-2	\$13,900	2031		* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Warning Gates</i> <i>Explanation : Require Adjustment Of Shock Absorbers. Southeast Reported To Be Missing Handles.</i>								
Trunnion								
Generic	100%			2050		* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Trunnion Bearings</i> <i>Explanation : Some Exterior Surface 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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER  
**Address** : E.155 ST. & HARLEM RIVER  
**Borough** : MANHATTAN:BX. **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$3,543,700	\$6,381,500
<b>Total</b>	<b>\$3,543,700</b>	<b>\$6,381,500</b>
Priority A	\$1,697,600	\$3,142,900
Priority B	\$1,792,500	\$3,185,100
Priority C	\$53,600	\$53,600
<b>Total</b>	<b>\$3,543,700</b>	<b>\$6,381,500</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$16,200		\$623,200	
Bridge Electrical	\$16,900	\$7,500	\$7,500	\$7,500
Bridge Mechanical	\$100,300	\$26,900	\$53,900	\$26,900
<b>Total</b>	<b>\$133,400</b>	<b>\$34,500</b>	<b>\$684,600</b>	<b>\$34,500</b>
Priority A			\$303,800	
Priority B	\$117,200	\$34,500	\$380,800	\$34,500
Priority C	\$16,200			
<b>Total</b>	<b>\$133,400</b>	<b>\$34,500</b>	<b>\$684,600</b>	<b>\$34,500</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**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**

**Asset # : 4180**

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								
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	\$50,100	LIFE	* *			B
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Begin Abutment Joint Sealer Damaged</i>								
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+	\$16,200	LIFE	* *			C
<i>Broken/Missing Element, Extent : Light, Area Affected : 2%</i>								
<i>Location : Begin Right Wingwall Has Voids And Displacement 4 inches.</i>								
Stream Channel								
Bank Protection								
Concrete	100%			LIFE	* *			C
Riprap	100%			LIFE	* *			C
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Concrete	100%	4+	\$127,900	LIFE	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Pier 36</i>								
<i>Explanation : Concrete With Timber Bumpers.</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
Curbs								
Steel	100%			LIFE	**			A
Guide Railing								
Steel	100%			LIFE	**	2-8	\$18,100	A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%			LIFE	**			C
<b>Piers</b>								
Cap Beam								
Steel	100%	4+	\$556,100	LIFE	**	2-8	\$1,633,900	A
<i>Corrosion, Extent : Moderate, Area Affected : 6% Location : Piers 4, 17, &amp; 25. 25 Is Most Severe.</i>								
Pier,Columns								
Steel	100%	4+	\$1,033,100	LIFE	**	2-8	\$2,821,200	B
<i>Cracks, Extent : Moderate, Area Affected : 2% Location : Pier 31 Right Side Column Knee Brace. Corrosion, Extent : Moderate, Area Affected : 2% Location : Pier 17</i>								
Stem,Solid Pier								
Concrete	100%	4+	\$444,200	LIFE	**			B
<i>Spalling, Extent : Moderate, Area Affected : 20% Location : Pier 51</i>								
Masonry	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Steel	25%	Now	\$359,100	LIFE	**	2-8	\$49,000	A
<i>Joint Freezing, Extent : Severe, Area Affected : 25% Location : Piers 2, 6, 10, 18, 22, 25, 27, 29, &amp; 31 Exp. Bridges Frozen.</i>								
Steel	70%			LIFE	**	2-8	\$49,000	A
Steel	5%	Now	\$35,900	LIFE	**	2-8	\$49,000	A
<i>Other Observation, Extent : Severe, Area Affected : 50% Location : Pier 14 Explanation : Loose Exp. Brg. Plates At 5 Brgs.</i>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Generic	100%			LIFE	**			A
Pedestals								
Steel	100%	2-4	\$54,900	LIFE	**			B
<i>Corrosion, Extent : Severe, Area Affected : 25% Location : Pier 4, 10, 12, 17, 25 &amp; 29.</i>								
<b>Deck Elements</b>								
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**

<b>Bridge Structure</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>	
<b>Deck Elements</b>								
Mono Deck Surface								
Concrete	100%			2052	**	5		C
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$136,600	A
Sidewalks								
Concrete	100%			2032	**	5	\$107,100	C
Wearing Surface								
Concrete	100%			2037	**	5		C
<b>Superstructure</b>								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$122,600	A
Joints								
Steel	100%			LIFE	**			C
Generic	100%			LIFE	**			C
Primary Member								
Steel	95%			LIFE	**	2-8	\$2,059,400	A
Steel	5%	4+	\$746,500	LIFE	**	2-8	\$2,059,400	A
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Span 40 Bottom Chord Eyebars.</i>								
Secondary Member								
Steel	90%			LIFE	**	2-8	\$1,725,200	B
Steel	10%	4+	\$82,400	LIFE	**	2-8	\$1,725,200	B
<i>Corrosion, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Spans 23, 26, 30, 37, &amp; 40 Cross Frame Diaphragms.</i>								
<b>Movable Bridges</b>								
Swing Span Truss								
Steel	100%			LIFE	**			A
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			A

<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>	
<b>Communication Electrical</b>								
Intercom								
Generic	100%			2022	\$15,300			B
Telephone								
Wall Mounted	100%			2022				B
Jack								
Telephone	100%			2022				B
<b>Control System Electrical</b>								
Computer								
PLC	100%	Now	\$7,900	2021	\$26,300			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Plc Cabinet</i>								
<i>Explanation : Plc Program Is Not Present In Either Processor, Bridge Is Not Operable On Main System</i>								

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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	
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	* *			B
Control Devices								
Relay	100%			2042	* *			B
Disconnect Switch								
Non Fused	100%			2042	* *	1	\$35,900	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	\$600	B
Motor Brake								
Thruster	100%			2052	* *	1	\$1,100	B
Electrical Power								
MCC								
Generic	10%	Now	\$1,500	2042	* *			B
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Machine Room Mcc</i>						
		<i>Explanation : Southeast Endlift Starter Bad In Mcc</i>						
Generic	90%			2042	* *			B
PanelBoard								
Circuit Breaker	100%			2042	* *	1	\$6,700	B
Transfer Switch								
Auto	100%			2042	* *			B
Exterior Lighting								
Lighting Contactor								
Generic	100%			2042	* *	1	\$5,600	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	\$5,600	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**

**Asset # : 4180**

<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>	
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2022		1	\$3,400	B
Pier Lighting								
Incandescent	100%			2022		1	\$4,500	B
Span Lighting								
Incandescent	100%			2022		1	\$2,300	B
Raceway								
Box								
Pull Junction	100%			2032	* *	1	\$3,900	B
Terminal	100%			2032	* *	1	\$4,500	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	\$1,100	B
Wires								
Thermoplastic	100%			2042	* *			B
Span Lock								
Motor								
Squirrel Cage	100%			2037	* *			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Span Lock</i>								
<i>Explanation : Span Lock Description Used For Endlifts Motors</i>								
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

<b>Bridge Mechanical</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>	

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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	\$22,500	B
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : East &amp; West</i> <i>Explanation : Could Not Be Tested Due To Electrical Problem.</i>								
Center Pivot/Rim Assembly Generic	100%			2057	* *	2	\$67,400	B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Center Pivot Pier</i> <i>Explanation : ( Rim Bearing) Minor Corrosion. Could Not Be Tested Due To Electrical Problem.</i>								
Emergency Drive Emergency Power	100%			2057	* *	2	\$44,900	B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Swing Span Machinery Room</i> <i>Explanation : Operation Was Not Observed. Emergency Drive Reported To Have Last Been Tested In 2010.</i>								
End Lift Generic	100%	Now	\$21,000	2057	* *	2	\$35,900	B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : East &amp; West Rest Piers</i> <i>Explanation : Corrosion, Southeast Reported To Not Be Operational. Could Not Be Tested Due To Electrical Problem. Install Covers.</i>								
Fuel Tanks Generic	100%			2039	* *			B
Houses								
Access Ways	100%	Now	\$9,200	2057	* *			B
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Swing Span Access Hatches</i> <i>Explanation : Hatch Locks Need Maintenance</i>								
Control House	100%	Now	\$5,000	2057	* *			B
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Control House</i> <i>Explanation : Broken Door Lock</i>								
Machinery Room	100%			2057	* *			B
Main Drive System								
Generic	100%	0-2	\$28,100	2057	* *	2	\$179,600	B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Operating Machinery</i> <i>Explanation : Corrosion, Grease On Inside Surface Of Brakewheel, Breathers Will Need To Be Changed Soon. Could Not Be Tested.</i>								
Live Load Supports								
Generic	100%			2035	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : East &amp; West Rest Pier</i> <i>Explanation : Minor Corrosion &amp; Debris. Three Open Bolt Holes At Back Of Each Base.</i>								

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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	\$21,300	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	\$13,200	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	\$2,600	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>								

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : MADISON AVE. BRIDGE  
**Address** : HARLEM RIVER, HARLEM RIV DR.  
**Borough** : MANHATTAN                      **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$614,000	\$895,700
<b>Total</b>	<b>\$614,000</b>	<b>\$895,700</b>
Priority A	\$557,300	\$340,500
Priority B		\$214,800
Priority C	\$56,700	\$340,500
<b>Total</b>	<b>\$614,000</b>	<b>\$895,700</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$44,500		\$54,200	
<b>Total</b>	<b>\$44,500</b>		<b>\$54,200</b>	
Priority A			\$29,800	
Priority B	\$4,900		\$21,500	
Priority C	\$39,600		\$2,800	
<b>Total</b>	<b>\$44,500</b>		<b>\$54,200</b>	



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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE**  
**Asset # : 4210**

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	
<b>Abutments</b>								
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
<b>Walls</b>								
Concrete	100%	4+	\$504,900	LIFE		* *		A
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Spall With Exposed Rebar At Southwest Wall At Pier</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Fasciae</i>								
<i>Explanation : Cellular Abutment Wall</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE		* *		C
Piles								
Not Accessible	100%							D
<b>Walls</b>								
Concrete	90%			LIFE		* *		C
Concrete	10%	4+	\$56,700	LIFE		* *		C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Spalls With Exposed Rebar At Southeast Wingwall At Pier Joint And Along Southwest Wingwall</i>								
<b>Approaches</b>								
<b>Pavement</b>								
Concrete	100%			2032		* *	4	C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At End Of Concrete Approach Slabs</i>								
<i>Explanation : Asphalt Expansion Joint Between Rigid Pavement And Approach Slab</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE**  
**Asset # : 4210**

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	
Approaches								
Guide Railing								
Steel	100%			LIFE	**	2-8		A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Top Of Concrete Barrier</i>								
<i>Explanation : Steel Railing</i>								
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$180,200	A
Pier,Columns								
Concrete Encased Steel	95%			LIFE	**	5	\$1,400	B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Pier 2</i>								
<i>Explanation : Joint Leaking And Water Stains</i>								
Concrete Encased Steel	5%	4+		LIFE	**	5	\$1,400	B
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Corrosion To Steel Protective Angles And Delamination / Spall Of Concrete Cover</i>								
Stem,Solid Pier								
Concrete	95%			LIFE	**			B
Concrete	5%	4+	\$4,800	LIFE	**			B
<i>Leakage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Ends At Pier 5</i>								
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	\$3,500	A
Mono Deck Surface								
Concrete	100%	4+	\$10,800	2043	**	5	\$57,700	C
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near End Abutment</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE**  
**Asset # : 4210**

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	
Deck Elements								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$13,200	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Railings Are On Both Sides Of Bridge</i>								
Sidewalks								
Concrete	100%			2028	**	5	\$5,600	C
Wearing Surface								
Asphalt	100%	4+	\$28,300	2024	\$282,800	5	\$14,600	C
<i>Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Southbound Lane</i>								
<i>Explanation : Asphalt Wearing Surface On One Side Of The Lane Only</i>								
Superstructure								
Deck,Structural								
Concrete	90%			LIFE	**	5	\$23,900	A
Concrete	10%	4+	\$52,400	LIFE	**	5	\$23,900	A
<i>Corrosion, Extent : Severe, Area Affected : 40%</i>								
<i>Location : S.I.P. Forms Under East And West Fascia Girders</i>								
Joints								
Generic	95%			LIFE	**			C
Generic	5%	4+	\$500	LIFE	**			C
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Explanation : Joint Filler Is Depressed</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$401,200	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$336,100	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**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** : 29-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2240079

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$896,500	\$896,500
Bridge Electrical		\$226,200
Bridge Mechanical	\$541,800	
<b>Total</b>	<b>\$1,438,300</b>	<b>\$1,122,600</b>
Priority A	\$350,300	\$350,300
Priority B	\$861,400	\$545,700
Priority C	\$226,600	\$226,600
<b>Total</b>	<b>\$1,438,300</b>	<b>\$1,122,600</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$349,600	\$2,700	\$96,000	
Bridge Electrical	\$24,400	\$3,900	\$3,900	\$3,900
Bridge Mechanical	\$50,800		\$71,800	
<b>Total</b>	<b>\$424,800</b>	<b>\$6,600</b>	<b>\$171,800</b>	<b>\$3,900</b>
Priority A	\$207,600		\$35,900	
Priority B	\$213,500	\$3,900	\$107,800	\$3,900
Priority C	\$3,600	\$2,700	\$28,100	
<b>Total</b>	<b>\$424,800</b>	<b>\$6,600</b>	<b>\$171,800</b>	<b>\$3,900</b>



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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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	90%			LIFE	**			B
Generic	10%	0-2	\$1,000	LIFE	**			B
<i>Leakage, Extent : Light, Area Affected : 20%</i>								
<i>Location : Begin And End Abutment</i>								
<i>Missing/Damaged Seal, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Begin Abutment Joint</i>								
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
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Wingwalls</i>								
<i>Explanation : Beginning Wingwall Only. End Approach Has No Wingwall</i>								
Stream Channel								
Bank Protection								
Concrete	100%			LIFE	**			C
Riprap	100%			LIFE	**			C
Timber	100%			2030	**			C
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	100%			LIFE	**			B
Approaches								
Pavement								
Asphalt	100%			2029	**	4	\$8,100	C
Concrete	100%			2038	**	4		C
Curbs								
Concrete	100%			LIFE	**			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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Guide Railing								
Steel	100%	Now	\$1,100	LIFE	**	2-8	\$11,700	A
<i>Damaged Railing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : End Approach Left (north) Side.</i>								
Sidewalks								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$422,100	A
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$494,300	B
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Masonry	99%			LIFE	**			B
Masonry	1%	2-4	\$100	LIFE	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Pier 12</i>								
<i>Explanation : Masonry Stone Displaced.</i>								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051	**			A
Steel	100%			LIFE	**	2-8	\$10,300	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%	0-2	\$10,400	LIFE	**			B
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Piers 12 &amp; 14.</i>								
Deck Elements								
Gratings								
Steel	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 &amp; 14</i>								
<i>Explanation : Spans 13 &amp; 14</i>								
Guide Railing								
Concrete	100%			2045	**			A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 12 &amp; 15 - 21.</i>								
<i>Explanation : Concrete Guide Railings Both Sides.</i>								
Steel	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 &amp; 14.</i>								
<i>Explanation : Swing Span.</i>								

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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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$11,100	A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 8 - 12 &amp; 15 - 21.</i>								
<i>Explanation : Concrete Median.</i>								
Steel	100%			LIFE	**	4-8	\$43,900	A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 &amp; 14</i>								
<i>Explanation : Swing Spans</i>								
Railings/Parapets								
Steel	78%			LIFE	**	2-8	\$65,600	A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 8 - 21</i>								
<i>Explanation : Pipe Railing And Chain-link Fence On Both Sides</i>								
Steel	22%			LIFE	**	2-8	\$65,600	A
<i>Other Observation, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Spans 1 - 7.</i>								
<i>Explanation : Pipe Railing &amp; Chain-link Fence On One Side Only.</i>								
Sidewalks								
Concrete	78%			2033	**	5	\$28,100	C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 8 - 21</i>								
<i>Explanation : Concrete Sidewalk On Both Sides.</i>								
Concrete	22%			2033	**	5	\$28,100	C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 7.</i>								
<i>Explanation : Concrete Sidewalk On One Side Only.</i>								
Grating w/ Concrete	100%			2051	**			C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 &amp; 14.</i>								
<i>Explanation : Swing Span</i>								
Wearing Surface								
Asphalt	100%			2029	**	5	\$84,700	C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 12 (both Sides) &amp; 15 - 21(left Side).</i>								
<i>Explanation : Asphalt Wearing Surface.</i>								
Concrete	100%			2038	**	5	\$368,400	C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 15 - 21 ( Right Side Only).</i>								
<i>Explanation : Concrete Wearing Surface.</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$47,800	A
Grating w/ Concrete	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 &amp; 14.</i>								
<i>Explanation : Swing Span.</i>								

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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 MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

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	Priority Code
Superstructure								
Joints								
Steel	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 12 &amp; 14.</i>								
<i>Explanation : Steel Joint.</i>								
Generic	80%			LIFE	**			C
Generic	20%	0-2	\$3,600	LIFE	**			C
<i>Leakage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 3, 9, 11 &amp; 18.</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$687,600	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$589,900	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		Priority Code
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	\$10,500	2023	\$17,500			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entire Bridge</i>								
<i>Explanation : Intercom System Is Not Functioning</i>								
Control System Electrical								
Computer								
PLC	50%			2024	\$12,000			B
PLC	50%			2024	\$12,000			B
Control Console								
Stainless Steel	50%			LIFE	**			B
Stainless Steel	50%			LIFE	**			B
Control Devices								
Relay	100%			2042	**			B
Disconnect Switch								
Generic	100%			2042	**			B
Limit Switch								
Generic	100%	0-2	\$1,400	2038	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Center End Lift</i>								
<i>Explanation : Rotary Limit Switch Missing Cover Allow Severe Corrosion.</i>								
Local Starter								
Magnetic	100%			2042	**			B

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**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	Priority Code
Drive								
Machinery Brake Thruster	100%			2045	* *	1	\$600	B
Motor Brake Thruster	100%			2045	* *	1	\$1,100	B
Span Lock Motor Generic	100%			2051	* *			B
Wedge Motor Generic	100%			2051	* *	1	\$1,100	B
Electrical Power								
MCC								
Generic	100%	Now	\$5,300	2042	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Center Pier Mcc</i>								
<i>Explanation : End Lifts Do Not Disengage. Due To This The Bridge Will Not Open.</i>								
PanelBoard								
Circuit Breaker	100%			2042	* *	1	\$6,700	B
Service Equipment Circuit Breaker	100%			2042	* *			B
Transfer Switch Auto	100%			2042	* *			B
Transformer Dry	100%			2042	* *			B
Exterior Lighting								
Lighting Contactor Generic	100%			2042	* *	1	\$5,600	B
Lighting Fixture HID	100%			2024	\$24,100			B
Pole Aluminum	100%			2029	* *			B
Interior Lighting								
Lighting Fixture Fluorescent	100%	Now	\$200	2029	* *	1	\$5,000	B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various</i>								
<i>Explanation : Service Lighting Needs Relamping Or Ballast Replacement.</i>								
Wiring Device								
Generic	100%			2033	* *			B
Navigation Lighting								
Fender Lighting Incandescent	100%	Now	\$400	2023	\$8,500	1	\$3,000	B
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Center Pier</i>								
<i>Explanation : North Tip And Center East Navigation Lights Out.</i>								
Pier Lighting Incandescent	100%			2023	\$5,700	1	\$4,500	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**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

<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>	
Navigation Lighting								
Span Lighting								
Incandescent	100%	Now	\$3,400	2023	\$6,800	1	\$2,000	B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various</i>								
<i>Explanation : Various Service Lighting Fixtures Are Out. Need Relamping.</i>								
Raceway								
Box								
Pull Junction	100%	Now	\$200	2030	**	1	\$3,500	B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Machine Room</i>								
<i>Explanation : Pull Box For Grounding Transformers Is Corroded And Latches Do Not Close.</i>								
Collector Ring								
Metal	100%			2033	**			B
Conduit								
Metal	100%			2060	**			B
Submarine Control Cables								
Generic	100%			2029	**			B
Submarine Power Cable								
Power	100%			2029	**			B
Trough								
Metal	100%			2060	**	1	\$1,100	B
Wires								
Thermoplastic	100%			2042	**			B
Span Lock								
Motor								
Squirrel Cage	100%			2038	**			B
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2020	\$14,000	1	\$1,100	B
Traffic Gate Lighting								
Incandescent	100%	Now	\$700	2024	\$14,000	1	\$1,000	B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Sw Warning Gate</i>								
<i>Explanation : 3 Arm Lights Broken</i>								
Traffic Gong								
Generic	100%			2024	\$14,800	1	\$600	B
Traffic Signal								
Generic	100%			2024	\$226,200	1	\$600	B

<b>Bridge Mechanical</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>	

Swing

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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	Priority Code
Swing								
Center Latch Generic	100%	Now	\$25,800	2028	**	2	\$18,000	B
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Center Latches</i>								
<i>Explanation : No Operation Observed. Cracks In Bar Housing.</i>								
Center Pivot/Rim Assembly Generic	100%	0-2	\$168,900	2040	**	2	\$53,900	B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Center Pivot Pier</i>								
<i>Explanation : No Operation Observed. Some Corrosion. Difficult To Access Interior.</i>								
End Lift Generic	100%	Now	\$217,100	2040	**	2	\$35,900	B
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : End Lifts</i>								
<i>Explanation : End Lifts Do Not Function Properly. Limit Switches And Couplings Are In Poor Condition.</i>								
Houses								
Access Ways	100%	Now	\$64,800	2040	**			B
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Accessways And Fender Decking</i>								
<i>Explanation : Corroded Grating &amp; Supports. Some Nails Are Popping Out Of Boards Around The Pier. Missing Pinion Platform</i>								
Control House	100%	Now	\$16,200	2040	**			B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Control House</i>								
<i>Explanation : No Heat Or Ac</i>								
Main Drive System Generic	100%	Now	\$49,600	2028	**	2	\$179,600	B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Drive Machinery</i>								
<i>Explanation : Bridge Could Not Be Operated. Some Corrosion. Some Rack Nuts Not Seated.</i>								
Live Load Supports Generic	100%	0-2	\$41,500	2028	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Rest Piers</i>								
<i>Explanation : Grout Pads Are Deteriorating</i>								
Traffic Devices								
Barrier Gate	100%	Now	\$7,000	2028	**			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : One Missing Gate Arm Buffer Stand. Some Corrosion</i>								
Warning Gate	100%	Now	\$1,800	2028	**			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Warning Gates</i>								
<i>Explanation : One Missing Gate Arm Buffer Stand. Some Corrosion</i>								

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN  
**Address** : BSP X-ING MILL BASIN  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0022.090 / 4318 **Yr Built/Renovated** : 1941 /  
**Area Sq Ft** : 73,525 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 24-Apr-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2231479

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$39,575,700	\$5,777,800
Bridge Electrical	\$1,754,000	\$226,200
Bridge Mechanical	\$3,019,100	
<b>Total</b>	<b>\$44,348,700</b>	<b>\$6,004,000</b>
Priority A	\$35,747,600	\$1,663,300
Priority B	\$7,715,000	\$3,549,300
Priority C	\$886,000	\$791,400
<b>Total</b>	<b>\$44,348,700</b>	<b>\$6,004,000</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$85,800		\$296,600	
Bridge Electrical	\$92,800	\$600	\$600	\$600
Bridge Mechanical	\$37,500			
<b>Total</b>	<b>\$216,100</b>	<b>\$600</b>	<b>\$297,100</b>	<b>\$600</b>
Priority A	\$42,600		\$150,600	
Priority B	\$170,300	\$600	\$146,500	\$600
Priority C	\$3,200			
<b>Total</b>	<b>\$216,100</b>	<b>\$600</b>	<b>\$297,100</b>	<b>\$600</b>



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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		Priority Code
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	\$11,100	LIFE		**		B
<i>Erosion, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Both Beginning And End Abutments</i>								
Stem (breastwall)								
Concrete	100%	4+	\$425,000	LIFE		**		B
<i>Cracks, Extent : Severe, Area Affected : 40%</i>								
<i>Location : End Abutment</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : End Abutment</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : End Abutment</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Abutment</i>								
Walls								
Not Accessible	100%							D
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Riprap	100%	4+	\$249,300	LIFE		**		C
<i>Erosion, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At All Four Wingwalls</i>								
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%	4+	\$71,800	LIFE		**		C
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations At The End South Wingwall</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations At All Wingwalls</i>								
Stream Channel								
Mat (scour & erosion)								
Earth	100%	Now	\$56,200	LIFE		**		A
<i>Erosion, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Pier 2 South Side</i>								
Stream Bed	100%			LIFE		**		A
Pier Protection								
Timber	100%			LIFE		**		B
Approaches								
Pavement								
Asphalt	100%	4+	\$55,100	2025	\$275,300	4	\$9,700	C
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Both Approaches</i>								

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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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Curbs								
Concrete	100%	Now	\$15,500	LIFE	**			A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Both Approaches</i>								
<i>Cracks, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Both Approaches</i>								
<i>Settlement, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Both Approaches</i>								
Embankment								
Earth	100%	2-4	\$900	LIFE	**			C
<i>Erosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
Guide Railing								
Steel	50%	Now	\$1,400	LIFE	**	2-8	\$5,800	A
<i>Damaged Railing, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Beginning Approach South Side And Median</i>								
Steel	50%	Now	\$700	LIFE	**	2-8	\$5,800	A
<i>Damaged Railing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : End Approach South Side</i>								
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Asphalt	100%	2-4	\$2,300	2025	\$11,300	4	\$900	C
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : End Approach South Side</i>								
Piers								
Cap Beam								
Concrete	60%	2-4	\$465,600	LIFE	**			A
<i>Delaminations, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Piers 3, 4, 5, 10, 11 &amp; 13</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Piers 3, 4, 5, 10, 11 &amp; 13</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
<b>Piers</b>								
Pier,Columns								
Concrete	44%			LIFE	**			B
Concrete	33%	4+	\$1,870,800	LIFE	**			B
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Piers</i>								
<i>Delaminations, Extent : Light, Area Affected : 20%</i>								
<i>Location : All Piers</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 20%</i>								
<i>Location : All Piers</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : All Piers</i>								
Concrete	23%	0-2	\$326,000	LIFE	**			B
<i>Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Piers 3 &amp; 11</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Piers 3 &amp; 11</i>								
<b>Stem,Solid Pier</b>								
Concrete	25%	4+	\$276,100	LIFE	**			B
<i>Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Piers 2 And 12</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : Piers 2 And 12</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 2 And 12</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Piers 2 And 12</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Piers 2 And 12</i>								
Concrete	75%			LIFE	**			B
<b>Brngs,Ancr Blts,Pads</b>								
Steel	100%	2-4	\$2,152,600	LIFE	**	2-8	\$40,300	A
<i>Corrosion, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Piers 2, 3, 4, 5, 10, 11 &amp; 12</i>								
<b>Footings</b>								
Not Accessible	100%							D
<b>Mat (scour &amp; erosion)</b>								
Riprap	100%	4+	\$3,000	LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 2 &amp; 12</i>								
<i>Explanation : Solid Stem Pier</i>								
<b>Pedestals</b>								
Concrete	100%	4+	\$24,200	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Pier 11</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Piers 2 And 11</i>								

**Deck Elements**

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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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete	100%	Now	\$3,666,000	2044	**			A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Spans 9, 10, 11, 12, 13 And 14 North Side</i>								
Steel	100%			LIFE	**			A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 9 - 14 On The South Side</i>								
Median								
Concrete	100%	4+	\$74,700	LIFE	**	5	\$3,300	A
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Span 3, 4, 5, 7, 9, 10, 11, 12, 13 &amp; 14</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Span 3, 4, 5, 7, 9, 10, 11, 12, 13 &amp; 14</i>								
Steel	30%	4+	\$16,900	LIFE	**	4-8	\$26,500	A
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Spans</i>								
Steel	70%			LIFE	**	4-8	\$26,500	A
Railings/Parapets								
Steel	10%	4+	\$5,100	LIFE	**	2-8	\$36,800	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Span 7</i>								
<i>Damaged Railing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Span 9</i>								
Steel	90%			LIFE	**	2-8	\$36,800	A
Sidewalks								
Concrete	40%	4+	\$46,000	2029	**	5	\$10,400	C
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Spans</i>								
Concrete	30%	0-2	\$103,500	2032	**	5	\$10,400	C
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Spans</i>								
Concrete	30%	Now	\$103,500	2029	**	5	\$10,400	C
<i>Broken/Missing Element, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Spans 3, 6, 9, 10, 11, 12, 13 And 14</i>								
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Spans 3, 6, 9, 10, 11, 12, 13 And 14</i>								
Steel	100%			2054	**	2-8		C
<i>Recent Replace Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Spans 9, 10, 11, 12, 13, And 14 On The Right Sidewalk</i>								

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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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
<b>Wearing Surface</b>								
Asphalt	50%	0-2	\$86,400	2025	\$216,100	5	\$42,000	C
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Spans</i>								
<i>Settlement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Span 14</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Spans</i>								
Asphalt	50%	2-4	\$64,800	2025	\$216,100	5	\$42,000	C
<i>Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Spans</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Spans</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck,Structural</b>								
Concrete	90%	4+	\$2,547,000	LIFE	**	5	\$72,800	A
<i>Cracks, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Spans 1, 2, 3, 4, 5, 6, 7, 9, 11, 12, 13 &amp; 14</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Spans</i>								
<i>Efflorescence, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Spans</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Spans</i>								
Concrete	10%	Now	\$56,600	LIFE	**	5	\$72,800	A
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Span 10</i>								
<i>Explanation : 6ft X 7ft Hole In The Deck</i>								
<hr/>								
<b>Joints</b>								
Generic	100%	Now	\$105,600	LIFE	**			C
<i>Leakage, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Piers 2, 3, 4, 5,10,11 And 12</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Piers 2, 3, 4, 5, 10, 11 And 12</i>								
<i>Explanation : Joints Paved Over</i>								

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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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Concrete	100%	4+	\$2,713,400	LIFE	**	5	\$38,600	A
<i>Cracks, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Spans 13 And 14</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Spans 1, 2, 13 And 14</i>								
Steel	25%	4+	\$13,084,400	LIFE	**	2-8	\$1,358,800	A
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Spans 3, 4, 9, 10 &amp; 11</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 3, 4, 9, 10 &amp; 11</i>								
Steel	75%			LIFE	**	2-8	\$1,358,800	A
Secondary Member								
Concrete	90%			LIFE	**	5	\$933,900	B
Concrete	10%	2-4	\$4,700	LIFE	**	5	\$933,900	B
<i>Spalling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Spans 1 And 14</i>								
Steel	90%			LIFE	**	2-8	\$1,138,600	B
Steel	10%	4+	\$44,100	LIFE	**	2-8	\$1,138,600	B
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Span 7</i>								
Movable Bridges								
Bascule Span								
Steel	100%	4+	\$10,731,400	LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Bascule Span 8</i>								
<i>Explanation : Corrosion On Steel And Counterweight Deterioration</i>								
Bascule Span Pier								
Concrete	10%	4+	\$199,800	LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bascule Piers 7 &amp; 8</i>								
<i>Explanation : Concrete Deterioration</i>								
Concrete	90%			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	\$33,500	2024	\$33,500			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Operators Room</i>								
<i>Explanation : Land Line Desktop Phone Not Functioning</i>								

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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		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%	Now	\$14,000	2024	\$14,000			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entire Bridge</i>								
<i>Explanation : Public Address System Broken And Missing Parts</i>								
Control System Electrical								
Control Console								
Metal	100%	Now	\$7,000	2041	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Control Console</i>								
<i>Explanation : Position Indicators Inoperative</i>								
Control Devices								
Relay	100%			2029	* *			B
Disconnect Switch								
Non Fused	100%			2029	* *			B
Limit Switch								
Lever	100%			2019				B
Plunger	100%			2019				B
Generic	100%			2029	* *			B
Drive								
Machinery Brake								
Thruster	100%			2044	* *			B
Motor Brake								
Thruster	100%	0-2	\$59,900	2044	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Machinery Room</i>								
<i>Explanation : Emergency Brakes</i>								
Span Lock Motor								
Generic	100%			2034	* *			B
Electrical Power								
MCC								
Contactors	100%			2037	* *			B
PanelBoard								
Circuit Breaker	100%			2029	* *			B
Service Equipment								
Circuit Breaker	100%			2037	* *			B
Transfer Switch								
Manual	100%			2037	* *			B
Exterior Lighting								
Lighting Contactor								
Generic	100%			2029	* *	1	\$5,600	B
Lighting Fixture								
HID	100%			2022				B
Pole								
Aluminum	100%			2025				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		Priority Code
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	2028		* *		B
	<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Service Lighting Fixtures Are Inoperable</i>							
HID	100%	Now	\$1,300	2028		* *		B
	<i>Broken/Missing Elem, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Lighting Fixtures Throughout Bridge Are Broken</i>							
Incandescent	100%	4+	\$600	2024	\$3,100			B
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Lighting Fixtures Broken</i>							
Wiring Device								
Generic	100%			2032		* *		B
Navigation Lighting								
Fender Lighting								
Incandescent	100%	Now	\$17,900	2024	\$17,900			B
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Fender Area</i>							
	<i>Explanation : Inoperable Navigation Lights</i>							
Span Lighting								
Incandescent	100%	0-2	\$14,300	2023	\$28,600			B
	<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Center Of Span</i>							
	<i>Explanation : 2 Of 4 Span Navigation Lights Are Inoperable</i>							
Power Over 600V								
Transformer								
Oil	100%			2022				B
Raceway								
Communications								
Twisted Shielded pair	100%			2019				B
Conduit								
Metal	100%	4+	\$492,700	2064		* *		B
	<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Conduits Completely Corroded In Some Locations</i>							
Submarine Control Cables								
Control	100%			2018				B
Submarine Power Cable								
Power	100%			2022				B
Trough								
Metal	100%			2039		* *		B
Wires								
Rubber	100%	0-2	\$171,900	2044		* *		B
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Conductors Get Wet Due To Corroding Conduit And Junction Boxes.</i>							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN**

**Asset # : 4318**

<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>	<b>Priority Code</b>
Raceway								
Wiring								
Generic	100%	Now	\$1,029,500	2029		* *		B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Pull Boxes Corroded And Not Providing Protection</i>								
Span Lock								
Motor								
Squirrel Cage	100%			2027		* *		B
Traffic System Electrical								
Traffic Gate Lighting								
Incandescent	100%			2019				B
Traffic Gong								
Generic	100%	Now	\$2,800	2024	\$2,800			B
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Warning Gates/ Bridge Approach</i>								
<i>Explanation : Traffic Gong Not Working</i>								
Traffic Signal								
Generic	100%			2022	\$226,200			B
<b>Bridge Mechanical</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>	<b>Priority Code</b>
Bascule								
Counter Weight								
Generic	100%	2-4	\$514,300	2052		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Underside Of Counterweights</i>								
<i>Explanation : Spalling Concrete And Exposed Re-bar On Both Counterweights.</i>								
Emergency Drive								
Emergency Power								
	50%	Now	\$33,600	2039		* *		B
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : North Leaf</i>								
<i>Explanation : Corroded Motor Coupling And The Brake Thrustor Is Leaking. System Could Not Be Tested.</i>								
Emergency Power								
	50%	Now	\$33,600	2039		* *		B
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : South Leaf</i>								
<i>Explanation : Components And Linkage Corroded, System Could Not Be Tested.</i>								
Fuel Tanks								
Generic	100%	Now	\$3,800	2029		* *		B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Control House</i>								
<i>Explanation : One Of Two Tanks Leaking In Past. Now Bypassed And Only One Tank Being Used. Tank Used Has 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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN**

**Asset # : 4318**

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	Priority Code
Bascule								
Houses								
Access Ways	100%	Now	\$53,900	2027		* *		B
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Access Ways</i>								
<i>Explanation : Some Areas Of Corroded Grating. Some Repairs Required To Doors And Grating.</i>								
Control House	100%	Now	\$99,100	2039		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Control House</i>								
<i>Explanation : Windows And Doors Need Repair.</i>								
Machinery Room	100%	Now	\$42,800	2039		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : South And North Machinery Rooms</i>								
<i>Explanation : Some Doors And Locks Need Repair.</i>								
Lock Bars								
With Motor	100%	Now	\$273,600	2033		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Span Lock Machinery Components</i>								
<i>Explanation : Corrosion And Limited Lubrication. Broken Hanger Reported. No Shaft Extension Covers. Some Repairs Required.</i>								
Main Drive System								
Generic	100%	2-4	\$1,822,000	2039		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Main Drive Machinery</i>								
<i>Explanation : Machinery Components Has Areas Of Moderate To Heavy Corrosion. Some Repairs/ Rehabilitation To Machinery Required.</i>								
Rack								
Generic	100%	0-2	\$20,600	2027		* *		B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Racks</i>								
<i>Explanation : Some Surface Corrosion Observed On Teeth.</i>								
Live Load Supports								
Generic	100%	Now	\$1,100	2020	\$11,100			B
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Live Load Bearings</i>								
<i>Explanation : Live Load Bearings Could Not Be Directly Accessed. From Shore, Corrosion Noted. Adjustment May Be Required.</i>								
Traffic Devices								
Warning Gate	100%	Now	\$12,000	2037		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Traffic Gates</i>								
<i>Explanation : One Gate Has Broken Anchor Bolt. Some Gates Are Missing Locks.</i>								
Trunnion								
Generic	100%	Now	\$146,200	2027		* *		B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Trunnion Assemblies</i>								
<i>Explanation : Corrosion On Trunnion Assembly Components.</i>								

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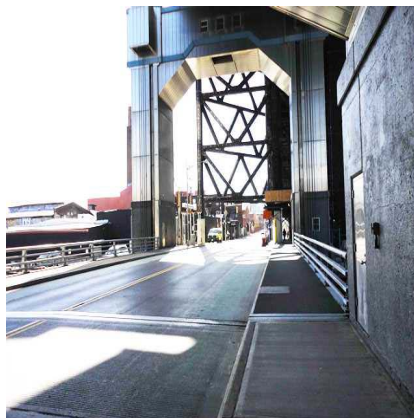
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL  
**Address** : SMITH STREET AND 2ND. AVENUE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0149.000 / 13512 **Yr Built/Renovated** : 1999 /  
**Area Sq Ft** : 4,800 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 25-Apr-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240240

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Bridge Electrical		\$50,500	
Bridge Mechanical		\$475,100	
<b>Total</b>		<b>\$525,600</b>	
Priority	B	\$525,600	
<b>Total</b>		<b>\$525,600</b>	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$19,200			\$6,800
Bridge Electrical	\$82,400			
Bridge Mechanical	\$38,700			
<b>Total</b>	<b>\$140,200</b>			<b>\$6,800</b>
Priority	A	\$12,000		
Priority	B	\$121,100		
Priority	C	\$7,200		\$6,800
<b>Total</b>	<b>\$140,200</b>			<b>\$6,800</b>



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**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	
Abutments								
Footings								
Not Accessible	100%							D
Stem (breastwall)								
Concrete	100%			LIFE	**			B
Stream Channel								
Bank Protection								
Sheet Piling	100%			LIFE	**			C
Timber	100%	2-4	\$7,200	2032	**			C
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South Of Pier 1</i>								
<i>Rotted, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Of Pier 1</i>								
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	100%			LIFE	**			B
<i>Split/Dry/Cracked, Extent : Light, Area Affected : 1%</i>								
<i>Location : Timber Protection At Begin Vertical Lift Pier</i>								
Approaches								
Pavement								
Concrete	100%			2039	**	4	\$13,500	C
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Beginning And End Approaches</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Sidewalks								
Concrete	100%			LIFE	**			C
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Sidewalks								
Concrete	100%			2034	**	5		C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 &amp; 3</i>								
<i>Explanation : Sidewalk Is In Good Condition</i>								
Wearing Surface								
Asphalt	100%			2029	**	5		C
Superstructure								
Primary Member								
Concrete	100%			LIFE	**	5		A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 &amp; 3</i>								
<i>Explanation : Concrete Deck</i>								
Movable Bridges								
Vertical Lift Span								
Steel	100%			LIFE	**			A

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**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	Priority Code
Movable Bridges								
Vertical Lift Tower								
Steel	5%	Now	\$12,000	LIFE	**			A
<i>Other Observation, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Begin Vertical Lift Pier 1, North Bearing</i>								
<i>Explanation : North Side Rocker Bearing Tilted Approximately 45 Degrees</i>								
Steel	95%			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	\$20,100	2022	\$33,500			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Entire Bridge</i>								
<i>Explanation : Cctv, Fire Alarm, Security System, Public Address Not Functioning</i>								
Control System Electrical								
Computer								
PLC	100%	Now	\$14,400	2022	\$24,000			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electric Room</i>								
<i>Explanation : Bridge Operates Under Half Speed- Otherwise It Goes Out Of Skew. East Height Indicator Broken.</i>								
Control Console								
Stainless Steel	100%	Now	\$8,900	LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Plc User Console</i>								
<i>Explanation : Alarm Printer Not Functioning</i>								
Disconnect Switch								
Generic	100%			2044	**			B
Limit Switch								
Generic	100%			2044	**			B
Electrical Power								
Transfer Switch								
Auto	100%	Now	\$19,000	2044	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Transfer Switch Not Working, Only Stays On Primary Power.</i>								
Heating								
Generic	100%			2044	**			B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL**

**Asset # : 13512**

<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>	<b>Priority Code</b>
Electrical Power								
Dist Equip & Motor Control								
Generic	1%	Now	\$10,700	2044		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bridge Control System/ Motor Controllers</i>								
<i>Explanation : Bridge Operators Are Told To Run Bridge In Reduced Speed To Avoid Skew And Not To Fully Open To Avoid Skew</i>								
Generic	99%			2044		* *		B
Navigation Lighting								
Pier Lighting								
Incandescent	100%			2023				B
Span Lighting								
Incandescent	100%			2023				B
Raceway								
Conduit								
Metal	100%			2064		* *		B
Submarine Control Cables								
Not Accessible	100%							D
Submarine Power Cable								
Not Accessible	100%							D
Wiring								
Generic	100%	Now	\$50,500	2029		* *		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%			2044		* *		B
Lighting								
Lighting Devices								
Generic	100%	Now	\$9,200	2029		* *		B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Light Fixtures Throughout Bridge</i>								
<i>Explanation : Light Bulbs Out</i>								

<b>Bridge Mechanical</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>	<b>Priority Code</b>
Vertical Lift								
CTRWT Ropes & Guides								
Generic	100%	Now	\$8,200	2059		* *		B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Cwt Guides</i>								
<i>Explanation : Minor Corrosion On Guide Fasteners.</i>								
Counter Weight								
Main CTRWT	100%			2059		* *		B

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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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Vertical Lift								
Emergency Drive Emergency Power	100%			2052		**		B
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Machine Rooms And At Roadway Level</i>							
	<i>Explanation : System Could Not Be Tested.</i>							
End Locks								
With Motor	100%	Now	\$338,800	2052		**		B
	<i>Other Observation, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Lock Machinery</i>							
	<i>Explanation : All Locks Are Currently Kept In The Withdrawn Position. Corrosion Observed. Repairs Needed.</i>							
Houses								
Access Ways	100%	Now	\$12,300	2037		**		B
	<i>Other Observation, Extent : Moderate, Area Affected : 1%</i>							
	<i>Location : Span Lock Access</i>							
	<i>Explanation : Hatches Need Repair.</i>							
Control House	100%	Now	\$13,200	2059		**		B
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Control House</i>							
	<i>Explanation : Leaking Windows And Roof</i>							
HVAC	100%			2052		**		B
Machinery Room	100%			2059		**		B
Main Drive System								
Generic	100%	Now	\$136,300	2059		**		B
	<i>Other Observation, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Machine Rooms</i>							
	<i>Explanation : Motors, Brakes &amp; Reducers Making Noise. Brakes Require Cleaning &amp; Possible Adjustment.</i>							
Sheaves								
Generic	1%	Now	\$600	2059		**		B
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Sheave Rooms</i>							
	<i>Explanation : Missing Purge Plug Noted At One Location.</i>							
Generic	99%			2059		**		B
Traffic Devices								
Barrier Gate	100%			2033		**		B
Warning Gate	100%	Now	\$4,400	2033		**		B
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Warning Gate</i>							
	<i>Explanation : Broken Door Hardware Noted</i>							

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : PAERDEGAT BASIN BRIDGE BELT SHORE PKWY/PAERDEGAT BASIN  
**Address** : BELT SHORE PKWAY  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0023.090 / 2454 **Yr Built/Renovated** : 1941 /  
**Area Sq Ft** : 58,300 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 28-Sep-2006 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231489

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$24,834,800	\$4,520,800
<b>Total</b>	<b>\$24,834,800</b>	<b>\$4,520,800</b>
Priority A	\$14,525,400	\$1,374,800
Priority B	\$3,823,000	\$1,154,000
Priority C	\$6,486,300	\$1,992,100
<b>Total</b>	<b>\$24,834,800</b>	<b>\$4,520,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$101,200		\$256,800	\$80,000
<b>Total</b>	<b>\$101,200</b>		<b>\$256,800</b>	<b>\$80,000</b>
Priority A	\$60,600		\$125,500	
Priority B			\$115,700	
Priority C	\$40,600		\$15,500	\$80,000
<b>Total</b>	<b>\$101,200</b>		<b>\$256,800</b>	<b>\$80,000</b>



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**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	Priority Code
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Field Inspection Supplemented With Information From Biennial Inspection Report</i>								
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
<b>Wingwalls</b>								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	70%			LIFE		**		C
Earth	30%	0-2	\$24,500	LIFE		**		C
<i>Erosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location :</i>								
Piles Not Accessible	100%							D
Walls Concrete	80%			LIFE		**		C
Concrete	20%	4+	\$278,700	LIFE		**		C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location :</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location :</i>								
<b>Stream Channel</b>								
Bank Protection Riprap	50%			LIFE		**		C
Riprap	50%	0-2	\$75,000	LIFE		**		C
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 40%</i>								
<i>Location :</i>								
<i>Erosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : At Begin And End Abutment</i>								
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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\*\* 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
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Pier Protection In Navigable Channel</i>								
<i>Explanation : Pier Protection In Navigable Channel Recently Reconstructed</i>								
Timber	50%	2-4	\$1,559,000	LIFE	**			B
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Timber Pile Jackets</i>								
<i>Explanation : Timber Pile Jackets Observed To Be At Various Stages Of Deterioration.</i>								
Approaches								
Pavement								
Asphalt	90%			2019	\$2,653,700	4	\$44,500	C
Asphalt	10%	2-4	\$59,000	2019	\$294,900	4	\$44,500	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location :</i>								
Curbs								
Concrete	20%	0-2	\$8,700	LIFE	**			A
<i>Settlement, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random</i>								
Concrete	80%			LIFE	**			A
Embankment								
Earth	100%			LIFE	**			C
<i>Vegetation Growth, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Random</i>								
Guide Railing								
Steel	80%			LIFE	**	2-8	\$53,700	A
Steel	20%	2-4	\$23,800	LIFE	**	2-8	\$53,700	A
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 30 Feet</i>								
<i>Explanation : Vehicular Hit At 30 Foot. Rails Are At Bent And About 7 Posts Are Bent And Dislocated</i>								
Timber	100%			2019		4		A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Only On South Side Of Both Approach.</i>								
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.  
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**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	
Approaches								
Sidewalks								
Asphalt	80%			2019	\$1,233,200	4	\$48,300	C
Asphalt	20%	0-2	\$61,700	2019	\$308,300	4	\$48,300	C
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location :</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location :</i>								
Piers								
Cap Beam								
Concrete	90%			LIFE	**			A
Concrete	10%	4+	\$140,000	LIFE	**			A
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Third Pier</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At Third Pier</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location :</i>								
Pier,Columns								
Concrete	90%			LIFE	**			B
Concrete	10%	4+	\$575,600	LIFE	**			B
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location :</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location :</i>								
Brngs,Ancr Blts,Pads								
Steel	100%	4+	\$4,127,600	LIFE	**	2-8	\$66,400	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location :</i>								
<i>Loose Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location :</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Observation Per Biennial Inspection.</i>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	100%	4+	\$1,461,900	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location :</i>								
<i>Rust Stains, Extent : Light, Area Affected : 30%</i>								
<i>Location :</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entire Bridge</i>								
<i>Explanation : Observations Were Made To Supplement Biennial Inspection.</i>								

**Deck Elements**

*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**  
**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	
Deck Elements								
Curbs								
Concrete	90%			2038	**			A
Concrete	10%	0-2	\$852,000	2038	**			A
<i>Spalling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Random</i>								
Gratings								
Grating w/ Concrete	100%			2038	**			A
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Span 7 And 8 North Side</i>								
<i>Explanation : Concrete Filled Grating Utilized For Emergency Deck Repair.</i>								
Guide Railing								
Steel	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Guide Railing On Median.</i>								
Median								
Concrete	80%			LIFE	**	5	\$10,500	A
Concrete	20%	2-4	\$28,000	LIFE	**	5	\$10,500	A
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location :</i>								
Railings/Parapets								
Steel	80%			LIFE	**	2-8	\$58,000	A
Steel	20%	4+	\$150,400	LIFE	**	2-8	\$58,000	A
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location :</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random</i>								
Sidewalks								
Concrete	80%			2023	\$1,593,700	5	\$31,000	C
Concrete	20%	0-2	\$79,700	2023	\$398,400	5	\$15,500	C
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random</i>								
Wearing Surface								
Asphalt	90%			2019	\$723,700	5	\$67,100	C
Asphalt	10%	2-4	\$16,100	2019	\$80,400	5	\$33,500	C
<i>Broken, Missing Pave, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Particularly At Joints</i>								
Superstructure								

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**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	
Superstructure								
Deck, Structural								
Concrete	60%			LIFE	**	5	\$64,200	A
Concrete	40%	2-4	\$2,692,300	LIFE	**	5	\$64,200	A
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location :</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 50%</i>								
<i>Location :</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 10%</i>								
<i>Location :</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location :</i>								
Joints								
Generic	100%	Now	\$638,100	LIFE	**			C
<i>Joints Missing, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Paved Over</i>								
<i>Leakage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : TYP</i>								
Primary Member								
Steel	90%			LIFE	**	2-8	\$1,077,700	A
Steel	10%	4+	\$6,563,000	LIFE	**	2-8	\$1,077,700	A
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : TYP</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Observation As Per Biennial Inspection.</i>								
Secondary Member								
Steel	90%			LIFE	**	2-8	\$902,800	B
Steel	10%	4+	\$226,500	LIFE	**	2-8	\$902,800	B
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : TYP</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Observations As Per Biennial Inspection.</i>								

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER  
**Address** : EASTCHESTER BAY,BX, PELHAM PKY  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0045.000 / 2469 Yr Built/Renovated : 1906 / 1981  
**Area Sq Ft** : 42,640 Project Type : WATERWAY BRIDGES  
**Date of Survey** : 22-May-2014 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2240200

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$8,456,000	\$259,900
Bridge Electrical	\$295,100	\$2,576,300
Bridge Mechanical	\$818,000	
<b>Total</b>	<b>\$9,569,000</b>	<b>\$2,836,200</b>
Priority A	\$8,257,900	\$259,900
Priority B	\$1,311,100	\$2,576,300
<b>Total</b>	<b>\$9,569,000</b>	<b>\$2,836,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$50,400		\$21,300	
Bridge Electrical	\$103,500	\$200	\$200	\$200
Bridge Mechanical	\$148,400			
<b>Total</b>	<b>\$302,300</b>	<b>\$200</b>	<b>\$21,500</b>	<b>\$200</b>
Priority A	\$5,500		\$21,300	
Priority B	\$251,900	\$200	\$200	\$200
Priority C	\$44,900			
<b>Total</b>	<b>\$302,300</b>	<b>\$200</b>	<b>\$21,500</b>	<b>\$200</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**

**Asset # : 2469**

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								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			B
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : End Abutment</i>					
			<i>Explanation : Earth In Front Of Abutment At Low Tide.</i>					
Riprap	100%			LIFE	**			B
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Both Abutments</i>					
			<i>Explanation : Rip Rap At Begin Abutment And At Corners Of The End Abutment.</i>					
Stem (breastwall)								
Masonry: Granite	100%			LIFE	**			B
Wingwalls								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Riprap	100%			LIFE	**			C
			<i>Settlement, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Begin Right Wingwall</i>					
Piles								
Not Accessible	100%							D
Walls								
Granite	100%			LIFE	**			C
Stream Channel								
Bank Protection								
Riprap	100%			LIFE	**			C
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	100%			LIFE	**			B
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Piers 3 &amp; 4</i>					
			<i>Explanation : New Pier Protection Installed.</i>					
Approaches								
Pavement								
Asphalt	100%	4+	\$3,100	2026	**	4	\$5,400	C
			<i>Cracks, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Both Approaches</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Embankment								
Earth	100%			LIFE	**			C
Stone Rough Work	100%			LIFE	**			C
Guide Railing								
Steel	100%			LIFE	**	2-8	\$9,300	A

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**

**Asset # : 2469**

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	Priority Code
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Riprap	100%			LIFE	**			A
Sidewalks								
Concrete	100%			LIFE	**			C
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$93,600	LIFE	**			B
			<i>Cracks, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Piers 1,2,5 &amp; 6</i>					
			<i>Delaminations, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Piers 1,2,5 &amp; 6.</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Piers 1,2,5 &amp; 6</i>					
Granite	100%	4+	\$104,500	LIFE	**			B
			<i>Joints Missing, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Piers 1, 2, 5, 6</i>					
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%	4+	\$2,100	2042	**			A
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Spans 1-3 And 5-7</i>					
			<i>Explanation : Concrete Barrier On The Bridge, Left Side Only</i>					
Railings/Parapets								
Concrete	100%			2034	**	4	\$25,400	A
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Spans 1-3 And 5-7.</i>					
			<i>Explanation : Right Side Of Bridge.</i>					
Sidewalks								
Concrete	75%			2030	**	5	\$19,700	C
Concrete	25%	2-4	\$27,200	2030	**	5	\$9,800	C
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Spans 1-3 And 5-7 Sidewalks.</i>					
			<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : Spans 1-3 And 5-7 Fascias</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Spans 1-3 And 5-7 Fascias.</i>					

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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
<b>Deck Elements</b>								
Wearing Surface Asphalt	100%	Now	\$3,200	2026	**	5	\$15,400	C
<i>Cracks, Extent : Moderate, Area Affected : 2%</i> <i>Location : Span 7 Exhibits Transverse Cracking Up To 1" Wide.</i> <i>Other Observation, Extent : Moderate, Area Affected : 2%</i> <i>Location : Pier 5, Right Side</i> <i>Explanation : Pavement Settlement Around Drainage Scupper</i>								
Steel Grating	100%			LIFE	**	5	\$23,000	C
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Span 4</i> <i>Explanation : Steel Grating In Bascule Span 4.</i>								
<b>Superstructure</b>								
Primary Member Concrete	100%	2-4	\$2,391,300	LIFE	**	5	\$175,500	A
<i>Cracks, Extent : Moderate, Area Affected : 10%</i> <i>Location : Spans 1, 2, 3, 5, 6, 7</i> <i>Delaminations, Extent : Severe, Area Affected : 50%</i> <i>Location : Spans 1, 2, 3, 5, 6, 7</i> <i>Spalling, Extent : Severe, Area Affected : 10%</i> <i>Location : Spans 1, 2, 3, 5, 6, 7</i>								
Steel	100%	4+	\$2,060,600	LIFE	**	2-8	\$157,700	A
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i> <i>Location : Exposed Steel Truss In Random Spans.</i>								
<b>Movable Bridges</b>								
Bascule Span Steel	100%	2-4	\$2,121,200	LIFE	**			A
<i>Other Observation, Extent : Severe, Area Affected : 15%</i> <i>Location : Span 4</i> <i>Explanation : Corrosion Holes, Section Losses At Several Members Of The Primary And Secondary Members</i>								
Bascule Span Pier Concrete	100%	2-4	\$1,684,800	LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : Piers 3 &amp; 4</i> <i>Explanation : Pier Wall Supporting Truss Members Is Cracking And Spalling With Exposed Rebars.</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
Communication Electrical Communications Generic	100%	Now	\$33,500	2025	\$33,500			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : System Wide</i> <i>Explanation : The Circuits In The Submarine Cable Utilized By This Equipment Have Been Utilized For Another System.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**

**Asset # : 2469**

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	\$17,800	LIFE		* *		B
	<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Control Desk</i>							
	<i>Explanation : Automatic Seating Is Not Functioning. Must Be Manually Controlled.</i>							
Disconnect Switch								
Generic	100%			2030		* *		B
Limit Switch								
Generic	100%	Now	\$17,400	2038		* *		B
	<i>Other Observation, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : North Leaf Toe.</i>							
	<i>Explanation : Seating Limit Switches Are Broken.</i>							
Electrical Power								
Transformer								
Dry	100%			2038		* *		B
Dist Equip & Motor Control								
Generic	100%	Now	\$11,100	2023	\$556,900			B
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : MCC Buckets</i>							
	<i>Explanation : Circuit Breaker Linkages Broken On Two Buckets. Southwest Motor Brake And Southeast Warning Gate</i>							
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2030		* *		B
Raceway								
Submarine Control Cables								
Generic	100%			2023	\$793,100			B
Wiring								
Generic	100%	Now	\$295,100	2023	\$983,600			B
	<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Counterweight Pits</i>							
	<i>Explanation : Conduit And Conduit Supports Are Corroded. Junction Boxes And Pull Boxes Are Missing Covers.</i>							
Stand-by Power								
Generator								
Diesel	100%			2045		* *		B
Traffic System Electrical								
Traffic Signal								
Generic	100%			2020	\$164,600	1	\$1,900	B
Lighting								
Lighting Devices								
Generic	100%	Now	\$23,500	2023	\$78,200			B
	<i>Other Observation, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Toe Of Both Spans, Various</i>							
	<i>Explanation : Ne Navigation Light Has Broken Lens. Service Lighting Needs Relamping @ Var Locations. Some Fixtures Not Operational.</i>							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**

**Asset # : 2469**

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%	0-2	\$201,200	2040		* *		B
<i>Other Observation, Extent : Severe, Area Affected : 20%</i> <i>Location : North And South Counterweights</i> <i>Explanation : Corroded Steel</i>								
Emergency Drive Emergency Power	100%	Now	\$9,000	2040		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : Emergency Generator</i> <i>Explanation : The Bridge Has Not Been Operated On Emergency Power. Battery Reported To Be Dead. Need To Run &amp; Test Generator.</i>								
Fuel Tanks Generic	100%	2-4	\$5,500	2045		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i> <i>Location : Sw Corner</i> <i>Explanation : Generator Fuel Tank Shows Moderate Surface Rusting.</i>								
Houses								
Control House	100%	Now	\$26,300	2040		* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Control And Tenders House</i> <i>Explanation : There Are Some Window And Roof Leaks. Some Locks Need Repair.</i>								
HVAC	100%	Now	\$7,900	2028		* *		B
<i>Other Observation, Extent : Light, Area Affected : 20%</i> <i>Location : Control House</i> <i>Explanation : Reported Heat And Ac Operation Is Poor.</i>								
Machinery Room	100%	Now	\$14,300	2040		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Machinery Rooms</i> <i>Explanation : Corroded Grating.</i>								
Lock Bars								
With Motor	100%	Now	\$8,600	2028		* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Lock Bars On Pier</i> <i>Explanation : Some Corrosion, Torn Protective Cover</i>								
Without Motor	100%	Now	\$21,400	2028		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i> <i>Location : Jaw And Pin Locks</i> <i>Explanation : Automatic Engagement Not Functioning. Needs To Be Manually Engaged. Some Corrosion. Some Repairs Required</i>								
Main Drive System								
Generic	100%	Now	\$351,000	2040		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : South &amp; North Machine Rooms</i> <i>Explanation : One Missing Over Speed Switch Chain, Corrosion And Lubricant Leakage. Some Broken Gauges. Misaligned Couplings</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**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**

**Asset # : 2469**

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	Priority Code
Bascule								
Rack								
Generic	100%	Now	\$6,600	2040		* *		B
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Southeast Rack</i> <i>Explanation : One Missing Or Broken Mounting Bolt Noted</i>								
Live Load Supports								
Generic	100%	Now	\$26,500	2028		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Forward Live Load Bearings</i> <i>Explanation : Corrosion On Some Of The Anchor Bolts.</i>								
Track								
Generic	100%	4+	\$22,100	2040		* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Tracks</i> <i>Explanation : Corrosion And Paint Failure On Some Bolts.</i>								
Traffic Devices								
Barrier Gate	100%	Now	\$193,700	2028		* *		B
<i>Other Observation, Extent : Severe, Area Affected : 20%</i> <i>Location : Barrier Gates</i> <i>Explanation : Adjustments Required. Some Latches Do Not Function, Missing Or Broken Hardware. Two Arms Are Cracked At The Base.</i>								
Warning Gate	100%	Now	\$72,100	2028		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : Warning Gates</i> <i>Explanation : Some Gate Heights Need Adjustment, Missing Anchor Bolt On The Sw. Missing Hardware And Cover For Open Hole.</i>								

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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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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK  
**Address** : NEW TOWN CREEK  
**Borough** : BROOKLYN:QNS. **Agency's Number** : N/A  
**Program / Asset #** : DOT0050.000 / 2476 **Yr Built/Renovated** : 1954 / 1995  
**Area Sq Ft** : 214,183 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 22-Apr-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240639

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$4,052,700	\$2,355,800
Bridge Electrical	\$78,700	\$272,100
Bridge Mechanical	\$1,152,400	
<b>Total</b>	<b>\$5,283,800</b>	<b>\$2,628,000</b>
Priority A	\$917,200	\$1,135,600
Priority B	\$4,008,400	\$1,492,400
Priority C	\$358,200	
<b>Total</b>	<b>\$5,283,800</b>	<b>\$2,628,000</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$51,000		\$231,100	\$22,800
Bridge Electrical	\$27,600	\$24,400	\$24,400	\$24,400
Bridge Mechanical	\$64,000		\$116,700	
<b>Total</b>	<b>\$142,600</b>	<b>\$24,400</b>	<b>\$372,300</b>	<b>\$47,300</b>
Priority A			\$108,700	\$2,300
Priority B	\$109,100	\$24,400	\$263,500	\$24,400
Priority C	\$33,500			\$20,500
<b>Total</b>	<b>\$142,600</b>	<b>\$24,400</b>	<b>\$372,300</b>	<b>\$47,300</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.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**

**Asset # : 2476**

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	Priority Code
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Beginning And End Abutments</i>								
<i>Explanation : Enclosed Cell And Access Door Is Locked.</i>								
<hr/>								
Backwall Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Beginning And End Abutments</i>								
<i>Explanation : Enclosed Cell And Access Door Is Locked.</i>								
<hr/>								
Brngs,Ancr Blts,Pads Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Beginning And End Abutments</i>								
<i>Explanation : Enclosed Cell And Access Door Is Locked.</i>								
<hr/>								
<b>Footings</b>								
Not Accessible	100%							D
<hr/>								
<b>Joint with Deck</b>								
Composite	50%			LIFE		**		B
Composite	50%	2-4	\$10,400	LIFE		**		B
<i>Cracks, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Beginning And End Abutments</i>								
<i>Leakage, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Beginning And End Abutments</i>								
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							D
<hr/>								
<b>Pedestals</b>								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Beginning And End Abutments</i>								
<i>Explanation : Enclosed Cell And Access Door Is Locked.</i>								
<hr/>								
<b>Stem (breastwall)</b>								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Beginning And End Abutments</i>								
<i>Explanation : Enclosed Cell And Access Door Is Locked.</i>								
<hr/>								
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							D
<hr/>								
<b>Piles</b>								
Not Accessible	100%							D
<hr/>								
<b>Walls</b>								
Concrete	95%			LIFE		**		C
Concrete	5%	4+	\$179,600	LIFE		**		C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : End Abutment</i>								

**Stream Channel**

*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**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**

**Asset # : 2476**

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	Priority Code
Stream Channel								
Bank Protection								
Concrete	100%			LIFE	**			C
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Under Span 27</i>						
		<i>Explanation : Concrete Protection Is Located At The Bridge Site.</i>						
Timber	100%			2034	**			C
Mat (scour & erosion)								
Not Accessible	100%							D
Pier Protection								
Timber	5%	Now	\$802,400	LIFE	**			B
		<i>Broken/Missing Element, Extent : Severe, Area Affected : 25%</i>						
		<i>Location : Bascule Piers 25 &amp; 26</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 25%</i>						
		<i>Location : Bascule Piers 25 &amp; 26</i>						
		<i>Explanation : West Side 1 Of 2 Dolphin Clusters At 2 Locations Have Been Hit And Are Leaning.</i>						
Timber	95%	4+	\$1,524,600	LIFE	**			B
		<i>Split/Dry/Cracked, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Bascule Piers 26 &amp; 27</i>						
Approaches								
Pavement								
Asphalt	100%	Now	\$32,700	2029	**	4	\$11,500	C
		<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : End Approach</i>						
		<i>Explanation : Pavement Shoving And Rutting</i>						
Concrete	100%			2039	**	4		C
Guide Railing								
Concrete	100%			2039	**	4	\$4,600	A
Pavement Base								
Not Accessible	100%							D
Sidewalks								
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	\$271,600	LIFE	**			B
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Piers 18 - 24 &amp; 27 - 30 &amp; 33</i>						
		<i>Delaminations, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Piers 19 - 24 &amp; 27 - 30</i>						
		<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Piers 19 - 24 &amp; 27 - 30</i>						
Steel	100%			LIFE	**	2-8	\$461,600	B

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**

**Asset # : 2476**

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								
Stem,Solid Pier								
Concrete	98%			LIFE	**			B
Concrete	2%	4+	\$7,100	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Pier 9 West</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Pier 40 West Corner</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$49,400	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	**			B
Deck Elements								
Guide Railing								
Concrete	100%			2044	**			A
Median								
Concrete	100%			LIFE	**	5	\$75,600	A
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$8,000	A
Sidewalks								
Concrete	100%			2034	**	5	\$41,100	C
Wearing Surface								
Concrete	100%	Now	\$800	2039	**	5	\$3,000	C
<i>Broken,Missing Pave, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Spans 19, 31, 32, &amp; 33 East Side Roadway</i>								
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$691,500	LIFE	**	5	\$5,900	A
<i>Cracks, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Spans 25 &amp; 27</i>								
Grating w/ Concrete	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Span 26</i>								
<i>Explanation : Only Span 26</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**

**Asset # : 2476**

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								
Composite	85%	4+	\$94,900	LIFE	**	4	\$841,100	C
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Piers 8, 12, 15, 18, 19, 20, 27 &amp; 36</i>								
<i>Explanation : Water Leakage Noted Below Joints</i>								
Composite	15%	Now	\$83,700	LIFE	**	4	\$841,100	C
<i>Leakage, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Piers 2, 5, 9, 33, 39, 40 &amp; 43</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Piers 2, 5, 9, 33, 39, 40 &amp; 43</i>								
<i>Explanation : Torn &amp; Cracked Sealer</i>								
Primary Member								
Prestressed Concrete	100%			LIFE	**			A
Box Beam								
Steel	100%			LIFE	**	2-8	\$1,979,800	A
Secondary Member								
Steel	100%	Now	\$178,800	LIFE	**	2-8	\$1,658,400	B
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Span 30</i>								
<i>Explanation : Cross Bracing Missing 4 Of 4 Connection Rivets.</i>								
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	**			A
Steel	10%	4+	\$154,800	LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Piers 25 &amp; 26</i>								
<i>Explanation : Steel Towers Exhibit Corrosion.</i>								
Bascule Span Pier								
Concrete	90%			LIFE	**			A
Concrete	10%	0-2	\$70,800	LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Bascule Piers 25 &amp; 26</i>								
<i>Explanation : Median Stringers 6 &amp; 7 Pedestal Exhibit Spalls With Exposed Anchor Bolts.</i>								

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	\$14,000			B
Telephone								
Desk Top	100%			2022				B
Jack								
Telephone	100%			2022				B
Control System Electrical								

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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	
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$38,600	LIFE	**			B
<i>Broken/Missing Elem, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Control Desk Span Position Meters Not Functioning</i>								
Control Devices								
Relay	80%			2029	**			B
Relay	20%			2037	**			B
Disconnect Switch								
Non Fused	100%			2037	**	1	\$49,400	B
Limit Switch								
CAM	67%			2017		1	\$13,500	B
CAM	33%			2022		1	\$13,500	B
Lever	75%			2022		1	\$53,900	B
Lever	25%			2019		1	\$53,900	B
Drive								
Machinery Brake								
Thruster	100%			2034	**	1	\$2,300	B
Motor Brake								
Thruster	100%			2034	**	1	\$2,300	B
Span Lock Motor								
Generic	100%			2034	**	1	\$2,300	B
Electrical Power								
MCC								
Starter	100%			2022				B
Contactors	75%			2022				B
Contactors	25%			2037	**			B
Motor Circuit Protector	100%			2022	\$17,700	1	\$4,500	B
PanelBoard								
Circuit Breaker	100%			2029	**	1	\$13,500	B
Service Equipment								
Fused Disc Switch	100%			2029	**			B
Transfer Switch								
Auto	100%			2029	**			B
Exterior Lighting								
Lighting Contactor								
Generic	100%			2037	**	1	\$5,600	B
Lighting Fixture								
HID	100%			2022				B
Pole								
Aluminum	100%			2025				B
Ground/Lightning Protection								
Ground Bus								
Not Accessible	100%							D
Ground Rod								
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**  
**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	Priority Code
Ground/Lightning Protection								
Ground Wire								
Green	100%			2025				B
Not Accessible	100%							D
Interior Lighting								
Lighting Fixture								
Fluorescent	100%			2025	\$3,100	1	\$9,000	B
HID	100%	4+	\$1,600	2025	\$3,100			B
<i>Broken/Missing Elem, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout Bridge</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout Bridge</i>								
<i>Explanation : Service Lighting Fixtures Not Working</i>								
Incandescent	100%	4+	\$1,600	2022	\$3,100			B
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Service Lighting Fixtures Not Working</i>								
Wiring Device								
Generic	100%			2024				B
Raceway								
Box								
Pull Junction	100%			2024		1	\$13,500	B
Terminal	100%			2024		1	\$4,500	B
Conduit								
Metal	50%			2052	**			B
Metal	50%			2039	**			B
Submarine Control Cables								
Control	100%			2022				B
Submarine Power Cable								
Power	100%			2022				B
Wires								
Cloth	100%			2023	\$171,900			B
Thermoplastic	100%			2037	**			B
Span Lock								
Motor								
Squirrel Cage	100%			2027	**			B
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2022		1	\$1,100	B
Traffic Gate Lighting								
Incandescent	100%			2022		1	\$1,100	B
Traffic Gong								
Generic	100%			2022		1	\$600	B
Traffic Sign								
Fixed	100%			2022				B
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**  
**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	

## Lighting

Lighting Devices  
Generic

100%	Now	\$40,100	2025	\$100,300				B
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*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	\$104,900	2039	**	2	\$71,800		B
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*Other Observation, Extent : Light, Area Affected : 5%*  
*Location : Counterweights*  
*Explanation : Some Open Pockets*

Emergency Drive  
Emergency Power

100%	Now	\$110,500	2039	**	2	\$143,700		B
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*Other Observation, Extent : Severe, Area Affected : 100%*  
*Location : Machine Rooms*  
*Explanation : Components Are Corroding. Operation Of System Could Not Be Performed.*

Fuel Tanks  
Generic

100%	Now	\$200	2029	**				B
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*Other Observation, Extent : Light, Area Affected : 2%*  
*Location : Control House*  
*Explanation : Minor Leaks*

## Houses

Access Ways

100%	Now	\$24,700	2027	**				B
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*Other Observation, Extent : Moderate, Area Affected : 5%*  
*Location : Accessways*  
*Explanation : Some Grating, Hatches, Safety Chains And Doors Need Repair.*

Control House

100%	Now	\$96,600	2039	**				B
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*Other Observation, Extent : Moderate, Area Affected : 10%*  
*Location : Control House*  
*Explanation : Some Doors And Windows Need Repair. Heating System And Plumbing Needs Repair.*

Machinery Room

100%	Now	\$33,300	2039	**				B
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*Other Observation, Extent : Light, Area Affected : 10%*  
*Location : Machinery Rooms*  
*Explanation : Some Doors And Enclosure Panels Need Repair.*

## Lock Bars

With Motor

100%	Now	\$44,900	2027	**	2	\$35,900		B
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*Other Observation, Extent : Moderate, Area Affected : 30%*  
*Location : Lock Bars*  
*Explanation : Lockbar Clearances Need To Be Reduced. Components Are Corroding And Some Leakage From Reducers.*

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

Maintenance \$ are aggregated over a ten-year period. Site 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 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								
Main Drive System Generic	100%	Now	\$216,100	2027	* *	2	\$215,500	B
<i>Other Observation, Extent : Severe, Area Affected : 25%</i> <i>Location : Machine Rooms</i> <i>Explanation : Minor Leaks. Components Are Corroding. One Machinery Brake Not Functioning.</i>								
Rack								
Generic	100%	Now	\$86,500	2039	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i> <i>Location : Racks</i> <i>Explanation : Supports And Fasteners Have Some Corrosion.</i>								
Live Load Supports								
Generic	100%	Now	\$1,100	2027	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Rear Live Load Bearings</i> <i>Explanation : No Access From Platform. However Corrosion Noted On Sides And Adjustments May Be Required With Lock Adjustment.</i>								
Traffic Devices								
Barrier Gate	100%	Now	\$299,200	2027	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 20%</i> <i>Location : Barrier Gates</i> <i>Explanation : Northwest Not Functioning. Southeast Net Hangs Low, Some Adjustments Required. Some Missing Hardware.</i>								
Warning Gate	100%	Now	\$4,800	2027	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i> <i>Location : Warning Gates</i> <i>Explanation : Southeast Needs Adjustment. Some Gates Missing Hardware And Locks.</i>								
Trunnion								
Generic	100%	Now	\$193,600	2039	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 10%</i> <i>Location : Trunnion Assemblies</i> <i>Explanation : Debris And Corrosion On Trunnion Assemblies. Missing Fitting Noted At One 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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK  
**Address** : OVER RICHMOND CREEK  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0154.000 / 13517 **Yr Built/Renovated** : 1931 /  
**Area Sq Ft** : 32,589 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 07-Jan-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240350

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$478,700	\$5,704,600
<b>Total</b>	<b>\$478,700</b>	<b>\$5,704,600</b>
Priority A	\$261,800	\$393,400
Priority B	\$84,800	\$322,600
Priority C	\$132,200	\$4,988,600
<b>Total</b>	<b>\$478,700</b>	<b>\$5,704,600</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$162,900	\$59,600	\$69,200	
<b>Total</b>	<b>\$162,900</b>	<b>\$59,600</b>	<b>\$69,200</b>	
Priority A	\$56,500		\$36,900	
Priority B	\$21,300		\$32,300	
Priority C	\$85,100	\$59,600		
<b>Total</b>	<b>\$162,900</b>	<b>\$59,600</b>	<b>\$69,200</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**  
**RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK**  
**Asset # : 13517**

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 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 Composite	100%	2-4	\$21,300	LIFE	* *			B
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Both Abutments</i>						
		<i>Explanation : Missing/ Damaged Seal</i>						
Mat (scour & erosion) Riprap	100%			LIFE	* *			B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Both Abutments</i>						
		<i>Explanation : Riprap With Stones</i>						
Pedestals Concrete	100%			LIFE	* *			A
Stem (breastwall) Concrete	100%			LIFE	* *			B
Wingwalls								
Footings Not Accessible	100%							D
Mat (scour & erosion) Earth	100%	4+	\$10,100	LIFE	* *			C
		<i>Erosion, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Begin Abutment West Side</i>						
Walls Concrete	7%	4+	\$21,700	LIFE	* *			C
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout Both Abutments</i>						
Concrete	93%			LIFE	* *			C
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**  
**RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK**  
**Asset # : 13517**

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	
Approaches								
Pavement								
Asphalt	100%			2025	\$4,895,500	4	\$178,700	C
Concrete	100%	4+	\$26,800	2033	* *	4	\$32,100	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both End Approaches</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both End Approaches</i>								
Curbs								
Concrete w/ Steel Face	100%	2-4	\$261,800	LIFE	* *			A
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Both Approaches</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
Embankment								
Earth	100%			LIFE	* *			C
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$146,200	A
Mat (scour & erosion)								
Earth	100%			LIFE	* *			A
Sidewalks								
Concrete	5%	4+	\$42,200	LIFE	* *			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East And West Approach</i>								
Concrete	95%			LIFE	* *			C
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$84,800	LIFE	* *			B
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : South Approach</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Fascia And Centerline</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : South Face Of Pier 1</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : South Approach</i>								
<i>Explanation : Bird Nesting</i>								
Brngs,Ancr Blts,Pads								
Steel	100%	4+	\$24,700	LIFE	* *	2-8	\$6,400	A
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			A
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**  
**RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK**  
**Asset # : 13517**

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
Piles								
Not Accessible	100%							D
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$17,100	LIFE	**			A
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Median								
Concrete	100%	4+	\$9,500	LIFE	**	5	\$3,400	A
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North And South End</i>								
Railings/Parapets								
Concrete	100%	4+	\$5,200	2033	**	4	\$800	A
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Parapet With Steel Railing</i>								
Steel	100%			LIFE	**	2-8	\$12,900	A
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Railing On Top Of Parapet</i>								
Sidewalks								
Concrete	100%	4+	\$26,500	2029	**	5	\$6,700	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	2-4	\$36,700	2033	**	5	\$93,200	C
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Ductile Iron	100%			LIFE	**			C
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$35,900	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Underside</i>								
<i>Explanation : Underside 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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK**  
**Asset # : 13517**

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								
Composite	100%	2-4	\$53,300	LIFE	* *	4	\$185,500	C
		<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Missing/ Damaged Seal</i>						
Primary Member								
Steel	100%			LIFE	* *	2-8	\$602,500	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$504,700	B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Underside</i>						
		<i>Explanation : Underside 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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL  
**Address** : RIKERS ISL CHANNEL  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0052.000 / 2478 **Yr Built/Renovated** : 1966 /  
**Area Sq Ft** : 183,419 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 12-Jul-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240660

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$2,284,400	\$1,392,300
<b>Total</b>	<b>\$2,284,400</b>	<b>\$1,392,300</b>
Priority A	\$983,200	\$115,600
Priority B	\$277,500	
Priority C	\$1,023,700	\$1,276,700
<b>Total</b>	<b>\$2,284,400</b>	<b>\$1,392,300</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$26,500		\$12,900	
<b>Total</b>	<b>\$26,500</b>		<b>\$12,900</b>	
Priority A	\$9,300		\$12,900	
Priority C	\$17,200			
<b>Total</b>	<b>\$26,500</b>		<b>\$12,900</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**  
**RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL**  
**Asset # : 2478**

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	Priority Code
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%			LIFE		**		A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : End Abutment</i>							
	<i>Explanation : End Abutment</i>							
Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Begin Abutment</i>							
<b>Backwall</b>								
Concrete	100%			LIFE		**		C
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : End Abutment</i>							
	<i>Explanation : End Abutment</i>							
Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Begin Abutment</i>							
	<i>Explanation : Begin Abutment</i>							
<b>Brngs,Ancr Blts,Pads</b>								
Elastomeric	50%			2043		**		A
Elastomeric	50%	4+	\$41,100	2043		**		A
	<i>Rust Stains, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Abutment At Island Side</i>							
Not Accessible	100%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Begin Abutment</i>							
	<i>Explanation : Begin Abutment</i>							
<b>Footings</b>								
Not Accessible	100%							D
<b>Joint with Deck</b>								
Generic	100%			LIFE		**		B
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		B
<b>Pedestals</b>								
Concrete	100%			LIFE		**		A
<b>Stem (breastwall)</b>								
Concrete	100%	4+	\$277,500	LIFE		**		B
	<i>Cracks, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Abutment At Island Side</i>							
	<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Abutment At Island Side</i>							
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							D
<b>Mat (scour &amp; erosion)</b>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Piles								
Not Accessible	100%							D
Walls								
Concrete	80%			LIFE	**			C
Concrete	20%	4+	\$127,300	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random</i>								
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	\$283,700	4	\$6,800	C
Asphalt	20%	2-4	\$14,200	2024	\$70,900	4	\$4,600	C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Pothole At Interface Of Begin Abutment</i>								
Curbs								
Concrete w/ Steel Face	95%			LIFE	**			A
Concrete w/ Steel Face	5%	4+	\$500	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Concrete	100%			2032	**	4	\$3,800	A
Steel	75%			LIFE	**	2-8	\$5,800	A
Steel	25%	4+	\$7,600	LIFE	**	2-8	\$5,800	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Pavement Base								
Not Accessible	100%							D
Sidewalks								
Concrete	90%			LIFE	**			C
Concrete	10%	4+	\$700	LIFE	**			C
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Top Surface</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : South Entrance</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : East Sidewalk</i>								
<i>Explanation : Water Main Utility</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**  
**RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL**

**Asset # : 2478**

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								
Cap Beam Concrete	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Spans Are Over Water. No Access. Condition Is Based On Nysdot Inspection</i>								
Pier,Columns Concrete	100%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Spans Are Over Water. No Access. Condition Is Based On Limited Visual Observation And Nysdot Inspection</i>								
Stem,Solid Pier Concrete	67%			LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Pier 22 And 23</i> <i>Explanation : Spans Are Over Water. No Access. Condition Is Based On Limited Visual Observation And Nysdot Inspection</i>								
Concrete	33%			LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Pier 55</i> <i>Recent Repair Evident, Extent : Light, Area Affected : 20%</i> <i>Location : Pier 55</i> <i>Rust Stains, Extent : Light, Area Affected : 10%</i> <i>Location : Pier 55</i> <i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Pier 55</i> <i>Explanation : Cracks Have Been Repaired By Injection</i>								
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+	\$340,500	LIFE	**			A
<i>Rust Stains, Extent : Moderate, Area Affected : 15%</i> <i>Location : Random</i>								
Railings/Parapets Steel	70%			LIFE	**	2-8	\$175,900	A
Steel	30%	4+	\$601,500	LIFE	**	2-8	\$175,900	A
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i> <i>Location : Various Locations</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**  
**RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL**

**Asset # : 2478**

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	
Deck Elements								
Sidewalks								
Concrete	90%			2028	**	5	\$81,200	C
Concrete	10%	4+	\$122,200	2028	**	5	\$40,600	C
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
Wearing Surface								
Concrete	90%			2032	**	5	\$840,900	C
Concrete	10%	4+	\$313,200	2032	**	5	\$420,500	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Transverse And Map Cracking Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random And At Deck Joints</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							D
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Only Spans 54 And 55 Were Observed From The Underside. Fatigue Prone Detail, Partial Length Cover Plates Noted.</i>								
Secondary Member								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Only spans 54 and 55 were observed from the underside.</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY & FLUSHING RIVER  
**Address** : VAN WYCK EXPY, FLUSHING RIV.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0049.070 / 2573 **Yr Built/Renovated** : 1924 /  
**Area Sq Ft** : 84,425 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 19-Dec-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240507

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$6,023,000	\$3,585,500
<b>Total</b>	<b>\$6,023,000</b>	<b>\$3,585,500</b>
Priority A	\$658,900	\$1,857,000
Priority B	\$3,000,200	\$984,100
Priority C	\$2,363,900	\$744,400
<b>Total</b>	<b>\$6,023,000</b>	<b>\$3,585,500</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$117,500	\$3,900	\$266,800	
<b>Total</b>	<b>\$117,500</b>	<b>\$3,900</b>	<b>\$266,800</b>	
Priority A	\$74,700	\$1,000	\$168,100	
Priority B	\$15,800		\$98,700	
Priority C	\$27,100	\$2,900		
<b>Total</b>	<b>\$117,500</b>	<b>\$3,900</b>	<b>\$266,800</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**  
**ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY & FLUSHING RIVER**

**Asset # : 2573**

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 Concrete	100%	4+	\$8,200	LIFE		**		A
<i>Efflorescence, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations</i> <i>Spalling, Extent : Moderate, Area Affected : 10%</i> <i>Location : East Abutment North Side</i> <i>Other Observation, Extent : Light, Area Affected : 50%</i> <i>Location : West Abutment</i> <i>Explanation : Area Fenced Off By M. T. A. And Other Private Properties</i>								
Backwall Concrete	100%	4+	\$14,300	LIFE		**		C
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : East Abutment South Side</i> <i>Other Observation, Extent : Light, Area Affected : 50%</i> <i>Location : West Abutment</i> <i>Explanation : Area Fenced Off By M. T. A. And Other Private Properties</i>								
Brngs,Ancr Blts,Pads Steel	95%			LIFE		**		A
Steel	5%	2-4	\$4,400	LIFE		**		A
<i>Corrosion, Extent : Light, Area Affected : 10%</i> <i>Location : East Abutment</i>								
Footings Not Accessible	100%							D
Joint with Deck Generic	100%	4+	\$15,800	LIFE		**		B
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 50%</i> <i>Location : At Begin Abutment</i> <i>Leakage, Extent : Moderate, Area Affected : 25%</i> <i>Location : Throughout</i> <i>Loose Elements, Extent : Light, Area Affected : 15%</i> <i>Location : Joint With Sidewalk</i> <i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i> <i>Location : End Abutment</i>								
Mat (scour & erosion) Earth	100%			LIFE		**		B
Stem (breastwall) Concrete	100%	4+	\$84,300	LIFE		**		B
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations</i> <i>Leakage, Extent : Light, Area Affected : 10%</i> <i>Location : East Abutment</i>								
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**  
**ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY & FLUSHING RIVER**

**Asset # : 2573**

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								
Piles								
Not Accessible	100%							D
Walls								
Concrete	100%	4+	\$111,200	LIFE		* *		C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Abutment Both Wingwalls</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Abutment South Wingwall</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : West Abutment Wingwalls</i>								
<i>Explanation : Area Fenced Off By M. T. A. And Other Private Properties</i>								
Stream Channel								
Bank Protection								
Riprap	100%			LIFE		* *		C
Mat (scour & erosion)								
Generic	100%			LIFE		* *		A
Approaches								
Pavement								
Asphalt	50%			2025	\$197,000	4	\$8,700	C
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Approach</i>								
Asphalt	50%	4+	\$9,900	2025	\$197,000	4	\$5,800	C
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout East Approach</i>								
<i>Settlement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout East Approach</i>								
Concrete	100%	4+	\$3,000	2033		* *	\$5,400	C
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : End Approach</i>								
Curbs								
Concrete	100%			LIFE		* *		A
Concrete w/ Steel Face	100%	2-4	\$12,000	LIFE		* *		A
<i>Settlement, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : End Approach South Side</i>								
Embankment								
Not Accessible	100%							D
Guide Railing								
Concrete	100%			2033		* *	\$3,000	A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Approach ( North And South Sides) And East Approach ( North Side Only)</i>								
<i>Explanation : Guide Rail Exists</i>								
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**  
**ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY & FLUSHING RIVER**

**Asset # : 2573**

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	Priority Code
Approaches								
Railings/Parapets								
Steel	75%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Approach ( North And South Sides) And East Approach ( South Side Only)</i>								
<i>Explanation : Steel Fence</i>								
Steel	25%	4+	\$17,600	LIFE	**			A
<i>Corrosion, Extent : Light, Area Affected : 60%</i>								
<i>Location : End Approach, Southeast Side</i>								
Sidewalks								
Concrete	100%	4+	\$41,000	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Deteriorated Area More Severe On West Approach</i>								
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Deteriorated Area More Severe On West Approach</i>								
Piers								
Cap Beam								
Not Accessible	100%							D
Pier,Columns								
Steel	100%	4+	\$848,800	LIFE	**	2-8	\$427,400	B
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
<i>Loss of Section, Extent : Light, Area Affected : 5%</i>								
<i>Location : Deteriorated Area More Severe At Piers 23 S, 24 N And 25 S</i>								
Stem,Solid Pier								
Concrete	100%	4+	\$325,800	LIFE	**			B
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Loose/ Eroded Joint Mortar</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							D
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	80%			LIFE	**			A
Earth	20%	2-4	\$32,400	LIFE	**			A
<i>Erosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : East Pier Southeast Face</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**  
**ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY & FLUSHING RIVER**

**Asset # : 2573**

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	90%			LIFE	**			B
Concrete	10%	2-4	\$62,400	LIFE	**			B
<i>Cracks, Extent : Moderate, Area Affected : 100%</i> <i>Location : Piers 25 S And 26 S</i> <i>Spalling, Extent : Moderate, Area Affected : 100%</i> <i>Location : Piers 23 S, 24 S, And 24 N</i> <i>Other Observation, Extent : Light, Area Affected : 50%</i> <i>Location : Piers From West Of Van Wyck Expressway</i> <i>Explanation : Not Accessible</i>								
Deck Elements								
Guide Railing								
Concrete	100%			2037	**			A
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$14,700	A
<i>Corrosion, Extent : Light, Area Affected : 15%</i> <i>Location : Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$61,800	2029	**	5	\$23,500	C
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	70%	4+	\$398,900	2033	**	5	\$175,200	C
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations</i>								
Concrete	30%	Now	\$1,709,400	2039	**	5	\$175,200	C
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations</i> <i>Exposed Reinforcement, Extent : Severe, Area Affected : 5%</i> <i>Location : Mid Span</i> <i>Spalling, Extent : Severe, Area Affected : 5%</i> <i>Location : Mid Span</i>								
Scupper								
Ductile Iron	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 60 Percent Trench Drainage System Used; 10 Percent Light Corrosion Observed</i>								
Superstructure								
Deck, Structural								
Concrete	95%			LIFE	**	5	\$92,900	A
Concrete	5%	0-2	\$172,800	LIFE	**	5	\$92,900	A
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations</i> <i>Leakage, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations</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**  
**ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY & FLUSHING RIVER**

**Asset # : 2573**

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	\$41,600	LIFE	* *			C
	<i>Joints Missing, Extent : Light, Area Affected : 40%</i>							
	<i>Location : Scattered Throughout</i>							
	<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Scattered Throughout</i>							
	<i>Missing/Damaged Seal, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
Primary Member								
Steel	5%	4+	\$486,100	LIFE	* *	2-8	\$1,560,700	A
	<i>Corrosion, Extent : Light, Area Affected : 60%</i>							
	<i>Location : Isolated Locations Below Deck Joints And Beams</i>							
Steel	95%			LIFE	* *	2-8	\$1,560,700	A
Secondary Member								
Steel	100%	4+	\$1,678,800	LIFE	* *	2-8	\$1,307,400	B
	<i>Corrosion, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random Locations</i>							
	<i>Loss of Section, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD  
**Address** : E RIVER, EAST CHANNEL,36 AVE  
**Borough** : MANHATTAN:QNS. **Agency's Number** : N/A  
**Program / Asset #** : DOT0051.000 / 2477 **Yr Built/Renovated** : 1955 / 2011  
**Area Sq Ft** : 36,543 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 30-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240640

<b>CAPITAL</b>		<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure		\$883,400	\$883,400
Bridge Mechanical		\$56,800	
<b>Total</b>		<b>\$940,200</b>	<b>\$883,400</b>
Priority A		\$387,200	\$387,200
Priority B		\$449,600	\$392,900
Priority C		\$103,300	\$103,300
<b>Total</b>		<b>\$940,200</b>	<b>\$883,400</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$274,900	\$11,100	\$80,100	
Bridge Electrical	\$300			
Bridge Mechanical	\$144,600			
<b>Total</b>	<b>\$419,800</b>	<b>\$11,100</b>	<b>\$80,100</b>	
Priority A	\$182,900		\$40,700	
Priority B	\$237,000		\$39,400	
Priority C		\$11,100		
<b>Total</b>	<b>\$419,800</b>	<b>\$11,100</b>	<b>\$80,100</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**  
**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 Concrete	100%			LIFE	* *			A
Backwall Concrete	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 1% Location : End Abutment Only. Explanation : Backwall Only At End Abutment.</i>						
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
Walls Concrete	100%			LIFE	* *			C
		<i>Other Observation, Extent : Light, Area Affected : 1% Location : End Approach Only. Explanation : Wingwall Is At The End Approach Only.</i>						
Stream Channel								
Bank Protection Riprap	100%			LIFE	* *			C
Sheet Piling	100%			LIFE	* *			C
Mat (scour & erosion) Not Accessible	100%							D
Pier Protection Timber	100%			LIFE	* *			B
Approaches								
Pavement Asphalt	100%			2029	* *	4	\$33,200	C
		<i>Other Observation, Extent : Light, Area Affected : 1% Location : End Approach Explanation : End Approach Asphalt.</i>						
Concrete	100%			2038	* *	4		C
		<i>Other Observation, Extent : Light, Area Affected : 1% Location : Begin Approach. Explanation : Concrete Approach Pavement.</i>						
Curbs Steel	100%			LIFE	* *			A
Guide Railing Concrete	100%			2038	* *	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**  
**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	
Approaches								
Sidewalks								
Concrete	100%			LIFE	**			C
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Pier 5 Only.</i>							
	<i>Explanation : Pier 5 Concrete Capbeam Only.</i>							
Steel	100%			LIFE	**	2-8	\$98,800	A
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 6 &amp; 7 Only.</i>							
	<i>Explanation : Steel Capbeam At Piers 6 &amp; 7 Only.</i>							
Pier,Columns								
Concrete	100%			LIFE	**			B
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Pier 5 Only.</i>							
	<i>Explanation : Concrete Columns</i>							
Steel	100%			LIFE	**	2-8	\$147,100	B
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 6 &amp; 7 Only.</i>							
	<i>Explanation : Steel Columns.</i>							
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$16,100	A
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Not Accessible	100%							D
Pedestals								
Concrete	100%			LIFE	**			B
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 1, 2, 3, 4 &amp; 5.</i>							
	<i>Explanation : Concrete Pedestal</i>							
Steel	100%			LIFE	**			B
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 6 &amp; 7.</i>							
	<i>Explanation : Steel Pedestal.</i>							
Deck Elements								
Curbs								
Steel	100%			LIFE	**			A
Gratings								
Steel	100%			LIFE	**			A
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Spans 2, 3 &amp; 4.</i>							
	<i>Explanation : Steel Grating On Sidewalk.</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**  
**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	
Deck Elements								
Guide Railing								
Steel	100%			LIFE	**			A
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$64,800	A
Sidewalks								
Concrete	100%			2033	**	5		C
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1, 2, 4 Thru. 8.</i>						
		<i>Explanation : Concrete Sidewalk.</i>						
Steel	100%			2051	**	2-8		C
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Span 3</i>						
		<i>Explanation : Steel Plate</i>						
Wearing Surface								
Asphalt	100%			2029	**	5		C
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1, 5 Thru. 8.</i>						
		<i>Explanation : Asphalt Wearing Surface.</i>						
Concrete	100%			2038	**	5	\$87,600	C
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 2 &amp; 4.</i>						
		<i>Explanation : Asphalt Wearing Surface.</i>						
Steel Grating	100%			LIFE	**	5	\$119,100	C
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Span 3.</i>						
		<i>Explanation : Steel Grating</i>						
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$33,000	A
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1, 2, 4 Thru. 8.</i>						
		<i>Explanation : Concrete Deck.</i>						
Steel Grating	100%			LIFE	**	5		A
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Span 3.</i>						
		<i>Explanation : Steel Grating Deck.</i>						
Joints								
Steel Finger Joints	100%			2060	**			C
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Pier 3.</i>						
		<i>Explanation : Steel Finger Joint.</i>						
Generic	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,157,900	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$993,500	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**  
**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	Priority Code
Movable Bridges								
Vertical Lift Span								
Steel	100%			LIFE	**			A
Vertical Lift Tower								
Steel	100%			LIFE	**			A
Vertical Lift Pier								
Concrete	100%			LIFE	**			A
Bridge Electrical								
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%			2025	\$31,900			B
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	**			B
Disconnect Switch								
Non Fused	100%			2045	**			B
Limit Switch								
Lever	100%	Now	\$300	2025	\$16,800			B
		<i>Other Observation, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Sw And Nw Corner</i>						
		<i>Explanation : Fully Seated Switches Sticking.</i>						
Local Starter								
Magnetic	100%			2045	**			B
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2030	**			B
Ground Rod								
Not Accessible	100%							D
Ground Wire								
Green	100%			2030	**			B
Lightning Terminals								
Not Accessible	100%							D
Raceway								
Wiring								
Generic	100%			2030	**			B
Stand-by Power								
Generator								
Diesel	100%			2045	**			B
Transfer Switch								
Auto	100%			2045	**			B
Traffic System Electrical								
Traffic Signal								
Generic	100%			2025				B
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**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

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	Priority Code
Lighting								
Lighting Devices								
Generic	100%			2030	* *			B
Bridge Mechanical								
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%			2040	* *			B
CTRWT Ropes & Guides								
Generic	100%	Now	\$16,100	2065	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Guide Rails</i>								
<i>Explanation : Old Lubricant On Some Rails. Some Rails Are Painted And Some Have No Lubricant</i>								
Counter Weight								
Auxiliary CTRWT	100%			2065	* *			B
Main CTRWT	100%	0-2	\$56,800	2065	* *			B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Top Of Cwts</i>								
<i>Explanation : Pigeon Droppings On And Around Top Of Cwts</i>								
Elevators								
Generic	100%	Now	\$27,300	2040	* *			B
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : East &amp; West Towers</i>								
<i>Explanation : No Operation Was Observed. Elevator Operation Was Reported To Be Problematic. Need To Test</i>								
Emergency Drive								
Emergency Power	100%			2065	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Machinery Rooms</i>								
<i>Explanation : No Operation Observed. Actuator Trunnion Mount May Require Adjustment. Need To Check Mount, Run And Test</i>								
End Locks								
With Motor	100%	Now	\$17,300	2065	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Tower Piers</i>								
<i>Explanation : West Lock Not Accessible. The East Lock Had Minimal Clearance On The Top Of The Socket And Not Fully Driven.</i>								
Fuel Tanks								
Generic	100%	Now	\$300	2045	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Fuel Tank/ Generator Room</i>								
<i>Explanation : Wire Harness Is Loose At Top Of Fitting. Some Areas Of Tank/ Frame Do Not Bear On Concrete</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**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

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)	
Vertical Lift							
Houses							
Access Ways	20%	Now	\$6,500	2040	* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
<i>Location : Access To Locks</i>							
<i>Explanation : Accessway Hatch To Lock Platform On West Side Would Not Open. Repairs Needed.</i>							
Access Ways	80%	Now	\$25,900	2040	* *		B
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>							
<i>Location : Tower Accessways</i>							
<i>Explanation : Tops Of Tower Accessways Covered In Pigeon Droppings. Corroded Grating And Missing Safety Chains At Some Access Points.</i>							
Control House	100%			2065	* *		B
Main Drive System							
Generic	30%	Now	\$17,300	2065	* *		B
<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
<i>Location : Machinery Rooms</i>							
<i>Explanation : Minor Lubricant Leakage. Some Loose Inspection Cover Bolts. Slight Rubbing Of Covers</i>							
Generic	70%			2065	* *		B
Sheaves							
Generic	100%			2065	* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
<i>Location : Sheaves</i>							
<i>Explanation : Nw Sheave Makes Snapping Noise During Operation. Noise Should Be Monitored On All Sheaves.</i>							
Live Load Supports							
Generic	100%			2040	* *		B
Traffic Devices							
Barrier Gate	100%	Now	\$31,500	2040	* *		B
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>							
<i>Location : Barrier Gates</i>							
<i>Explanation : Missing Gate Arm Locking Latches On Housings. Loose Locking Nut. Past Slippage Of West Cwt Plates. Adjustment Reqd</i>							
Warning Gate	100%	0-2	\$2,400	2040	* *		B
<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
<i>Location : Warning Gates</i>							
<i>Explanation : Adjustment Required To Arm Buffer Stand</i>							

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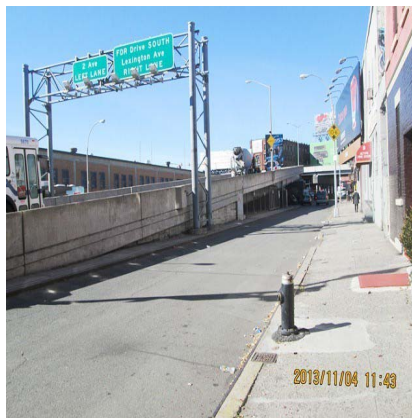
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

Asset Name : **THIRD AVE. BRIDGE RAMP TO BRUCKNER BLVD/RELIEF**  
 Address : **HARLEM RIVER, HARLEM RIV DR.**  
 Borough : **MANHATTAN:BX.** Agency's Number : **N/A**  
 Program / Asset # : **DOT0041.0A0 / 4320** Yr Built/Renovated : **2006 /**  
 Area Sq Ft : **11,100** Project Type : **WATERWAY BRIDGES**  
 Date of Survey : **04-Nov-2013** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : Lot : BIN : **224006A**

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$261,300	\$1,123,600
<b>Total</b>	<b>\$261,300</b>	<b>\$1,123,600</b>
Priority A	\$151,400	\$109,900
Priority B	\$109,900	\$109,900
Priority C		\$903,800
<b>Total</b>	<b>\$261,300</b>	<b>\$1,123,600</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$65,900		\$22,000	
<b>Total</b>	<b>\$65,900</b>		<b>\$22,000</b>	
Priority A	\$36,700		\$11,000	
Priority B	\$20,000		\$11,000	
Priority C	\$9,300			
<b>Total</b>	<b>\$65,900</b>		<b>\$22,000</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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			A
Backwall Concrete	100%			LIFE	**			C
Brngs,Ancr Blts,Pads Elastomeric	100%			2055	**			A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	**			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%			2026	**	4		C
				<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
				<i>Location : End Approach</i>				
				<i>Explanation : Relief Joint Between Approach Slab And Bridge Deck</i>				
Concrete	100%	4+	\$9,300	2038	**	4	\$21,300	C
				<i>Cracks, Extent : Light, Area Affected : 1%</i>				
				<i>Location : End Approach Slab</i>				
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Railings/Parapets								
Concrete	100%			2034	**			A
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%			2055	**			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**  
**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								
Piles								
Not Accessible	100%							D
Deck Elements								
Mono Deck Surface								
Concrete	100%			2055	* *	5	\$903,800	C
Railings/Parapets								
Concrete	100%			2040	* *	4		A
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$41,600	LIFE	* *	5	\$14,100	A
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : Light, 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	\$351,700	A
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$301,800	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : **THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**  
**Address** : **HARLEM RIVER, HARLEM RIV DR.**  
**Borough** : **MANHATTAN:BX.** **Agency's Number** : **N/A**  
**Program / Asset #** : **DOT0041.090 / 4319** **Yr Built/Renovated** : **2005 /**  
**Area Sq Ft** : **79,900** **Project Type** : **WATERWAY BRIDGES**  
**Date of Survey** : **18-May-2011** **Landmark Status** : **NONE**  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : **2240069**

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$299,500	\$2,032,000
Bridge Electrical		\$226,200
<b>Total</b>	<b>\$299,500</b>	<b>\$2,258,200</b>
Priority A		\$941,700
Priority B		\$1,017,000
Priority C	\$299,500	\$299,500
<b>Total</b>	<b>\$299,500</b>	<b>\$2,258,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure		\$26,500	\$166,800	
Bridge Electrical	\$3,200	\$1,200	\$1,200	\$1,200
Bridge Mechanical	\$48,600			
<b>Total</b>	<b>\$51,800</b>	<b>\$27,700</b>	<b>\$168,000</b>	<b>\$1,200</b>
Priority A		\$3,400	\$87,500	
Priority B	\$51,800	\$1,200	\$80,500	\$1,200
Priority C		\$23,100		
<b>Total</b>	<b>\$51,800</b>	<b>\$27,700</b>	<b>\$168,000</b>	<b>\$1,200</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**  
**THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**

**Asset # : 4319**

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 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	\$69,200	C
Embankment Earth	100%			LIFE	**			C
Generic	100%			LIFE	**			C
Guide Railing Concrete	100%			2037	**	4	\$10,300	A
Steel	100%			LIFE	**	2-8	\$18,700	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**  
**THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**

**Asset # : 4319**

<b>Bridge Structure</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>	
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							D
<b>Sidewalks</b>								
Concrete	100%			LIFE	**			C
<b>Piers</b>								
Cap Beam								
Concrete	100%			LIFE	**			A
Pier, Columns								
Concrete	100%			LIFE	**			B
Stem, Solid Pier								
Concrete	100%			LIFE	**			B
<b>Deck Elements</b>								
Guide Railing								
Concrete	100%			2042	**			A
Steel	100%			LIFE	**			A
Mono Deck Surface								
Concrete	100%			2052	**	5	\$336,300	C
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$215,400	A
Wearing Surface								
Concrete	100%			2037	**	5	\$262,700	C
<b>Superstructure</b>								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$80,100	A
<b>Joints</b>								
Steel	100%			LIFE	**			C
Generic	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,477,100	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,237,400	B
<b>Movable Bridges</b>								
Swing Span Truss								
Steel	100%			LIFE	**			A
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			A

<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>	
<b>Communication Electrical</b>								
Intercom								
Generic	100%			2022	\$14,000			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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Jack								
Telephone	100%			2022				B
Control System Electrical								
Computer								
PLC	10%	Now	\$1,400	2022	\$2,400			B
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Plc Cabinet</i>						
		<i>Explanation : One Processor Has No Plc Program.</i>						
PLC	90%			2022	\$21,600			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	\$3,300			B
Rotary	100%			2022				B
Local Starter								
Magnetic	100%			2042	* *			B
Drive								
Grating Motor								
Generic	100%			2052	* *			B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Machine Room</i>						
		<i>Explanation : Grating Motor Used In Place Of Main Motor.</i>						
Machinery Brake								
Thruster	100%			2052	* *			B
Motor Brake								
Thruster	100%			2052	* *			B
Span Lock Motor								
Generic	90%			2052	* *			B
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Span Locks</i>						
		<i>Explanation : Span Locks Used For End Lifts Description.</i>						
Generic	10%	Now	\$500	2052	* *			B
		<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Span Locks</i>						
		<i>Explanation : West End Lift Motor Junction Box Broken</i>						
Wedge Motor								
Generic	100%			2052	* *			B
Electrical Power								
MCC								
Generic	100%			2042	* *			B
PanelBoard								
Circuit Breaker	100%			2042	* *	1	\$6,700	B

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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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Electrical Power								
Transfer Switch								
Auto	100%			2042	* *			B
Transformer								
Dry	100%			2042	* *			B
Exterior Lighting								
Lighting Contactor								
Generic	100%			2042	* *	1	\$5,600	B
Lighting Fixture								
HID	100%			2022	\$6,100			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	\$3,100			B
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2022	\$8,500			B
Pier Lighting								
Incandescent	100%			2022	\$2,800			B
Span Lighting								
Incandescent	100%			2022	\$6,800			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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**

**Asset # : 4319**

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	Priority Code

Stand-by Power								
Transfer Switch								
Auto	100%			2042	* *			B
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2022	\$14,200			B
Traffic Gate Lighting								
Incandescent	100%			2022	\$14,200			B
Traffic Gong								
Generic	100%			2022	\$7,300			B
Traffic Sign								
Fixed	100%			2022				B
Traffic Signal								
Generic	100%			2022	\$226,200			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	Priority Code

Swing								
Center Latch								
Generic	50%	Now	\$4,200	2062	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Rest Pier</i>								
<i>Explanation : West Latch Does Not Work Properly</i>								
Generic	50%			2062	* *			B
Center Lift								
Generic	100%	0-2	\$22,100	2062	* *			B
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : North &amp; South Center Wedges</i>								
<i>Explanation : Minor Corrosion And Lubricant Leakage. South Reducer Oil Gauge Shows Low Level</i>								
Center Pivot/Rim Assembly								
Generic	100%			2062	* *			B
Emergency Drive								
Emergency Power	100%	Now	\$1,800	2062	* *			B
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Machinery House Platform</i>								
<i>Explanation : Hydraulic Engine Generator Guard Removed</i>								
End Lift								
Generic	100%	Now	\$14,500	2062	* *			B
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : East &amp; West Rest Piers</i>								
<i>Explanation : Brakes Reported To Malfunction. Some Coverage Of Debris And Minor Corrosion</i>								
Fuel Tanks								
Generic	100%			2042	* *			B

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**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	\$4,400	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	\$1,300	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>								

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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD  
**Address** : WESTCHESTER CREEK  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0140.000 / 4244 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,900 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 23-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 1066510

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bridge Structure	\$3,085,300	\$51,400
Bridge Electrical	\$1,584,900	\$209,400
Bridge Mechanical	\$1,373,600	
<b>Total</b>	<b>\$6,043,800</b>	<b>\$260,900</b>
Priority A	\$2,786,000	\$51,400
Priority B	\$3,257,800	\$209,400
<b>Total</b>	<b>\$6,043,800</b>	<b>\$260,900</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bridge Structure	\$109,500		\$4,500	
Bridge Electrical	\$33,500			
Bridge Mechanical	\$91,100			
<b>Total</b>	<b>\$234,200</b>		<b>\$4,500</b>	
Priority A	\$44,100		\$800	
Priority B	\$163,100			
Priority C	\$26,900		\$3,700	
<b>Total</b>	<b>\$234,200</b>		<b>\$4,500</b>	



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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**

**Asset # : 4244**

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								
Footings								
Not Accessible	100%							D
Joint with Deck								
Generic	100%	0-2	\$21,200	LIFE	**			B
<i>Joints Missing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Begin Abutment</i>								
<i>Leakage, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At Begin Abutment Stem</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			B
Stem (breastwall)								
Concrete	100%	4+	\$132,800	LIFE	**			B
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Begin Abutment</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Abutment</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Begin Abutment</i>								
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	\$88,100	LIFE	**			B
<i>Broken/Missing Element, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Piers 8 &amp; 9.</i>								
<i>Rotted, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Piers 8 &amp; 9.</i>								
Approaches								
Pavement								
Asphalt	100%			2026	**	4	\$7,400	C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : End Approach Only.</i>								
<i>Explanation : End Approach Only.</i>								
Curbs								
Concrete	100%			LIFE	**			A
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Left Side End Approach</i>								
<i>Explanation : Left Side End Approach</i>								
Embankment								
Earth	100%			LIFE	**			C
Guide Railing								
Steel	100%			LIFE	**	2-8	\$9,300	A

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**

**Asset # : 4244**

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	
<b>Approaches</b>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
<b>Sidewalks</b>								
Concrete	100%			LIFE	**			C
<b>Piers</b>								
<b>Cap Beam</b>								
Concrete	65%			LIFE	**			A
Concrete	35%	0-2	\$140,300	LIFE	**			A
<i>Leakage, Extent : Severe, Area Affected : 50%</i> <i>Location : At Cap Beam 1,3,5,7,10,12,14,16</i> <i>Spalling, Extent : Moderate, Area Affected : 50%</i> <i>Location : Cap Beams 12,14,16 Right Side</i> <i>Other Observation, Extent : Moderate, Area Affected : 1%</i> <i>Location : Piers 1, 3, 5, 7, 10, 12, 14, 16.</i> <i>Explanation : Cap Beams Spalling And Cracking</i>								
<b>Pier,Columns</b>								
Concrete	70%			LIFE	**			B
Concrete	30%	0-2	\$78,300	LIFE	**			B
<i>Cracks, Extent : Moderate, Area Affected : 20%</i> <i>Location : Piers 1, 3, 7, 13, 14, &amp; 16</i> <i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i> <i>Location : Piers 1, 3, 7, 13, 14, &amp; 16</i> <i>Spalling, Extent : Moderate, Area Affected : 20%</i> <i>Location : Piers 1, 3, 7, 13, 14, &amp; 16</i>								
<b>Stem,Solid Pier</b>								
Concrete	100%			LIFE	**			B
<b>Brngs,Ancr Blts,Pads</b>								
Steel	100%			LIFE	**	2-8	\$13,400	A
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Spans 7, 8, 9, 10 &amp; 15.</i> <i>Explanation : Spans 7, 8, 9, 10 &amp; 15.</i>								
<b>Footings</b>								
Not Accessible	100%							D
<b>Mat (scour &amp; erosion)</b>								
Earth	100%	0-2	\$5,400	LIFE	**			A
<i>Erosion, Extent : Severe, Area Affected : 10%</i> <i>Location : Under Spans 10, 11, 12 &amp; 14</i>								
<b>Pedestals</b>								
Concrete	100%	0-2	\$17,300	LIFE	**			B
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Pier 9</i> <i>Explanation : Pier 8 &amp; 9</i>								

**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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete	100%			2045	**			A
Concrete w/ Steel Face	100%	Now	\$800	LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Span 17 Left Side</i>								
<i>Explanation : Steel Plate Loose At End Abutment.</i>								
Median								
Concrete	100%			LIFE	**	5	\$800	A
Mono Deck Surface								
Concrete	90%			2035	**	5	\$26,600	C
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 6 - 8 &amp; 10 - 12.</i>								
<i>Explanation : Spans 6 - 8 &amp; 10 - 12.</i>								
Concrete	10%	2-4	\$1,300	2035	**	5	\$13,300	C
<i>Cracks, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Spans 6, 7, 8, 10 Thru. 12</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 6, 7, 8, 10 Thru. 12</i>								
<i>Explanation : Numerous Patched Potholes,</i>								
Railings/Parapets								
Concrete	100%			2040	**	4		A
Steel	95%			LIFE	**	2-8	\$6,900	A
Steel	5%	4+	\$300	LIFE	**	2-8	\$4,300	A
<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Spans 8 &amp; 10</i>								
Sidewalks								
Asphalt	100%	Now	\$900	2020		4	\$2,200	C
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Span 9</i>								
<i>Explanation : Missing Asphalt Pavers.</i>								
Concrete	90%			2030	**	5	\$600	C
Concrete	10%	4+	\$200	2030	**	5	\$300	C
<i>Cracks, Extent : Light, Area Affected : 40%</i>								
<i>Location : Spans 8, 13, 14, &amp; 16.</i>								
Wearing Surface								
Asphalt	90%			2026	**	5	\$6,000	C
Asphalt	10%	0-2	\$300	2030	**	5	\$3,000	C
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Spans 5 Left Side, Westbound.</i>								
<i>Explanation : Potholes And Uneven Asphalt Patches</i>								
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$176,300	LIFE	**	5	\$5,500	A
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Spans 8, 10,</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**

**Asset # : 4244**

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								
Steel	60%			LIFE	**			C
Steel	40%	Now	\$21,200	LIFE	**			C
<i>Broken/Missing Element, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Spans 1,3,5,7,10,12,14 And 16</i>								
<i>Leakage, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Spans 1,3,5,7,10,12,14 And 16</i>								
Primary Member								
Concrete	70%			LIFE	**	5	\$51,400	A
Concrete	30%	2-4	\$348,200	LIFE	**	5	\$25,700	A
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Spans 1 Thru 7 And 11 Thru. 17</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 1 Thru 7 And 11 Thru. 17</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 1 Thru 7 And 11 Thru. 17</i>								
Secondary Member								
Not Accessible	100%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Spans 8 &amp; 10.</i>								
Movable Bridges								
Bascule Span								
Steel	50%			LIFE	**			A
Steel	50%	2-4	\$1,673,000	LIFE	**			A
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Span 9</i>								
<i>Explanation : Steel Section Loss And Corrosion Holes. Cracked Steel Grating Panel. Poor Condition Of Right Sidewalk.</i>								
Bascule Span Pier								
Concrete	100%	2-4	\$448,100	LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Bascule Span Piers</i>								
<i>Explanation : Spalls And Cracks</i>								

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	\$33,500	2025	\$33,500			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Numerous Locations</i>								
<i>Explanation : System Not Operational</i>								
Control System Electrical								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**

**Asset # : 4244**

<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>	
<b>Control System Electrical</b>								
Control Console Stainless Steel	100%	Now	\$53,400	LIFE	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : On Console</i>								
<i>Explanation : Bridge Fully Open Indications Do Not Illuminate, Nameplates Barely Legible</i>								
<hr/>								
Disconnect Switch Generic	100%	4+	\$36,400	2045	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Various</i>								
<i>Explanation : Disconnect Switches Are Not All Operable</i>								
<hr/>								
Limit Switch Generic	100%	0-2	\$37,000	2045	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : East And West Leaves</i>								
<i>Explanation : Limit Switch Housing Severely Corroded</i>								
<hr/>								
<b>Electrical Power</b>								
Dist Equip & Motor Controll Generic	100%	0-2	\$434,300	2045	* *			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Electric Room</i>								
<i>Explanation : Not Osha Compliant, No Replacement Parts Available</i>								
<hr/>								
<b>Raceway</b>								
Submarine Control Cables Not Accessible	100%							D
<hr/>								
Wiring Generic	100%	0-2	\$937,600	2030	* *			B
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Various</i>								
<i>Explanation : Conduit Is Corroded. Wiring Is Damaged.</i>								
<hr/>								
<b>Traffic System Electrical</b>								
Traffic Signal Generic	100%	Now	\$39,300	2025	\$131,200			B
<i>Broken/Missing Elem, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Approaches</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Approaches</i>								
<i>Explanation : Some Bulbs Need Replacement</i>								
<hr/>								
<b>Lighting</b>								
Lighting Devices Generic	100%	Now	\$46,900	2023	\$78,200			B
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Various</i>								
<i>Explanation : Various Service Lighting Fixtures Are Broken/ Missing</i>								

<b>Bridge Mechanical</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>	

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

*Estimates are rounded to the nearest hundred dollars.*

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**

**Asset # : 4244**

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	Priority Code
Bascule								
Counter Weight Generic	100%	Now	\$24,900	2040		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i> <i>Location : Counter Weights</i> <i>Explanation : Blocks On Top Of West Counter Weight Are Not Secured</i>								
Emergency Drive								
Emergency Power	100%	Now	\$5,000	2028		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : Auxiliary Drives</i> <i>Explanation : No Operation Observed. Need To Perform Maintenance, Repairs And Test Auxiliary Drive.</i>								
Manual	100%	Now	\$27,300	2028		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i> <i>Location : Manual Drive Components</i> <i>Explanation : No Operation Observed. Covered In Pigeon Droppings And Appears To Be Frozen</i>								
Fuel Tanks								
Generic	100%	Now	\$600	2030		* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Operators House</i> <i>Explanation : Slight Leakage Noted On Top Fittings, Bottom Not Accessible</i>								
Houses								
Access Ways	80%	4+	\$27,400	2028		* *		B
<i>Other Observation, Extent : Light, Area Affected : 75%</i> <i>Location : Span Drive Machinery</i> <i>Explanation : Mild Corrosion.</i>								
Access Ways	20%	Now	\$17,100	2028		* *		B
<i>Other Observation, Extent : Severe, Area Affected : 40%</i> <i>Location : Center Locks</i> <i>Explanation : Corrosion Of Access Platforms And Covered In Pigeon Droppings.</i>								
Control House	100%	Now	\$26,300	2040		* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Control And Tender Houses</i> <i>Explanation : Some Window Leak. Reported That Ac Unit Does Not Cool Room.</i>								
Machinery Room	100%	Now	\$7,200	2040		* *		B
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Machinery Rooms</i> <i>Explanation : Some Broken Locks. Some Small Floor Panels Replaced With Plywood. Some Pigeon Droppings.</i>								
Lock Bars								
With Motor	100%	Now	\$219,500	2028		* *		B
<i>Other Observation, Extent : Severe, Area Affected : 50%</i> <i>Location : Lock Bar Machinery</i> <i>Explanation : Not Accessible From Platform. Machinery Is Covered In Debris, Corroded And Is In Poor Condition. Some Binding</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**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**

**Asset # : 4244**

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	Priority Code
Bascule								
Main Drive System Generic	100%	Now	\$328,400	2028		* *		B
<i>Other Observation, Extent : Severe, Area Affected : 10%</i> <i>Location : Machinery Room</i> <i>Explanation : One Brake Not Functioning. Lubricant Leakage. Some Corrosion. Some Bolts Have Heavy Corrosion/ Loss</i>								
Rack								
Generic	100%	2-4	\$44,800	2040		* *		B
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Racks</i> <i>Explanation : Some Corrosion</i>								
Live Load Supports								
Not Accessible	100%							D
Traffic Devices								
Barrier Gate	100%	Now	\$154,900	2028		* *		B
<i>Other Observation, Extent : Severe, Area Affected : 20%</i> <i>Location : Barrier Gates</i> <i>Explanation : Some Latches Missing Or Not Functioning. Some Cracks On Gate Arm. Paint Required. One Bent Housing</i>								
Warning Gate	100%	Now	\$48,100	2028		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : Warning Gates</i> <i>Explanation : Some Broken/missing Hardware. Missing Covers On Open Holes. Painting Required</i>								
Trunnion								
Generic	100%	Now	\$533,400	2040		* *		B
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Trunnions</i> <i>Explanation : Machinery Covered In Debris/ Corrosion. Reported That It Is Difficult To Grease. Missing Limit Switch Gear Bolt</i>								

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : W 207 ST / UNIVERSITY HEIGHTS BR  
**Address** : W 207 ST/W FORDHAM ROAD  
**Borough** : MANHATTAN:BX. **Agency's Number** : N/A  
**Program / Asset #** : DOT0139.000 / 4243 **Yr Built/Renovated** :  
**Area Sq Ft** : 19,700 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 04-May-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240120

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$37,100	\$463,000
Bridge Electrical	\$1,549,900	\$129,300
Bridge Mechanical	\$130,700	
<b>Total</b>	<b>\$1,717,600</b>	<b>\$592,300</b>
Priority A		\$183,200
Priority B	\$1,680,500	\$284,300
Priority C	\$37,100	\$124,800
<b>Total</b>	<b>\$1,717,600</b>	<b>\$592,300</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$25,300	\$33,700	\$47,000	\$3,000
Bridge Electrical	\$61,500			
Bridge Mechanical	\$59,400			
<b>Total</b>	<b>\$146,200</b>	<b>\$33,700</b>	<b>\$47,000</b>	<b>\$3,000</b>
Priority A	\$7,300		\$18,700	
Priority B	\$138,800		\$16,500	
Priority C	\$100	\$33,700	\$11,800	\$3,000
<b>Total</b>	<b>\$146,200</b>	<b>\$33,700</b>	<b>\$47,000</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**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

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	
<b>Abutments</b>								
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
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							D
Piles								
Not Accessible	100%							D
Walls								
Granite	100%			LIFE	**			C
<b>Stream Channel</b>								
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	\$17,800	LIFE	**			B
<i>Broken/Missing Element, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Pier 3</i>								
<i>Rotted, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Pier 3</i>								
<i>Split/Dry/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Pier 3</i>								
<b>Approaches</b>								
Pavement								
Concrete	100%			2034	**	4	\$23,600	C
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
Guide Railing								
Steel	95%			LIFE	**	2-8	\$5,800	A
Steel	5%	0-2	\$300	LIFE	**	2-8	\$5,800	A
<i>Damaged Railing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Right Approach</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**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

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	
Approaches								
Sidewalks								
Concrete	95%			LIFE	**			C
Concrete	5%	4+	\$100	LIFE	**			C
<i>Cracks, Extent : Light, Area Affected : 20%</i> <i>Location : Underside Of Sdwk. Overhang And At Top.</i> <i>Efflorescence, Extent : Moderate, Area Affected : 10%</i> <i>Location : Underside Of Sdwk. Overhang.</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			A
Steel	100%			LIFE	**	2-8		A
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$28,500	B
<i>Corrosion, Extent : Light, Area Affected : 10%</i> <i>Location : Pier 1</i>								
Stem,Solid Pier								
Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	**			A
Steel	100%			LIFE	**	2-8	\$65,200	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
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Spans 1, 2, &amp; 5.</i> <i>Explanation : Spans 1, 2, &amp; 5.</i>								
Steel	100%			LIFE	**			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Spans 2 &amp; 3</i> <i>Explanation : Spans 2 &amp; 3</i>								
Guide Railing								
Steel	95%			LIFE	**			A
Steel	5%	4+	\$2,000	LIFE	**			A
<i>Damaged Railing, Extent : Moderate, Area Affected : 5%</i> <i>Location : Span 4 Left Side</i>								
Mono Deck Surface								
Concrete	100%			2047	**	5	\$67,500	C

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**DEPARTMENT OF TRANSPORTATION - 841**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

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	
Deck Elements								
Railings/Parapets								
Cast Iron	90%			LIFE	**			A
Cast Iron	5%	4+	\$3,600	LIFE	**			A
<i>Corrosion, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Right Pedestrian Railing Spans 1- 5.</i>								
Cast Iron	5%	Now	\$1,400	LIFE	**			A
<i>Broken/Missing Element, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Spans 2 &amp; 5.</i>								
Sidewalks								
Concrete	100%			2029	**	5	\$6,000	C
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 1 &amp; 5</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 1 &amp; 5.</i>								
Grating w/ Concrete	100%			2047	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 3 &amp; 4.</i>								
<i>Explanation : Spans 3 &amp; 4.</i>								
Wearing Surface								
Asphalt	100%			2025	\$87,700	5	\$1,900	C
Concrete	100%			2034	**	5	\$74,100	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 3 &amp; 4.</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$2,200	A
Grating w/ Concrete	100%			LIFE	**			A
Joints								
Steel	100%			LIFE	**			C
Generic	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$289,500	A
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Spans 1,2 &amp; 5</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$242,500	B
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Spans 1, 2 &amp; 5.</i>								
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Spans 3 &amp; 4.</i>								
<i>Explanation : Localized Corrosion With Section Loss In Primary And Secondary Members.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

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	Priority Code
Movable Bridges								
Swing Span Pivot Pier								
Concrete	100%			LIFE		**		A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pier 3</i>								
<i>Explanation : Has Masonry Facade.</i>								
<hr/>								
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	Priority Code
Communication Electrical								
Communications								
Generic	100%	Now	\$10,100	2021	\$33,500			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entire System</i>								
<i>Explanation : Not Functional.</i>								
<hr/>								
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	\$27,600	2026		**		B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Motors 1 And 3</i>								
<i>Explanation : Motors 1 And 3 Not Operational.</i>								
<hr/>								
Raceway								
Collector Ring								
Metal	100%	2-4	\$15,500	2029		**		B
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Rim Bearing Lower Level</i>								
<i>Explanation : Colletor Shoes Are Slightly Corroded</i>								
<hr/>								
Submarine Control Cables								
Control	100%			2019				B
Wiring								
Generic	100%			2019	\$1,452,400			B
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$6,500	2020	\$129,300			B
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : All Gongs</i>								
<i>Explanation : Gongs Are Not Operational.</i>								
<hr/>								
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.*

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**DEPARTMENT OF TRANSPORTATION - 841**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

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	Priority Code

## Lighting

Lighting Devices  
Generic

100%	Now	\$2,000	2019	\$97,500			B
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*Other Observation, Extent : Light, Area Affected : 50%*  
*Location : Entire System.*  
*Explanation : Several Lamps Missing Or Inoperative.*

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	Priority Code

## Swing

Center Latch  
Generic

100%	Now	\$62,300	2049	**			B
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*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+	\$68,300	2049	**			B
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*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	\$4,200	2049	**			B

*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Hatch To Center Machinery*  
*Explanation : Hatch Exhibits Moderate Corrosion*

Machinery Room

100%			2049	**			B
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## Main Drive System

Generic

100%	4+	\$25,200	2049	**			B
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*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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Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

Bridge 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	50%			2030		* *		B
Barrier Gate	50%	Now	\$18,000	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	\$12,000	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

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

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure		\$124,700
Bridge Electrical	\$450,500	
Bridge Mechanical	\$76,800	\$19,592,800
<b>Total</b>	<b>\$527,300</b>	<b>\$19,717,600</b>
Priority A		\$124,700
Priority B	\$527,300	\$19,592,800
<b>Total</b>	<b>\$527,300</b>	<b>\$19,717,600</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$600		\$13,000	\$13,600
Bridge Electrical	\$32,600		\$6,700	\$18,500
<b>Total</b>	<b>\$33,200</b>		<b>\$19,700</b>	<b>\$32,100</b>
Priority A			\$13,000	\$1,500
Priority B	\$32,600		\$6,700	\$18,500
Priority C	\$600			\$12,100
<b>Total</b>	<b>\$33,200</b>		<b>\$19,700</b>	<b>\$32,100</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**  
**WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER**

**Asset # : 13872**

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								
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	\$5,300	A
Mat (scour & erosion)								
Earth	100%			LIFE	**			A
Pedestals								
Concrete	100%			LIFE	**			B
Deck Elements								
Mono Deck Surface								
Concrete	90%			2044	**	5	\$24,300	C
Concrete	10%	4+	\$600	2044	**	5	\$12,100	C
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Lift Span</i>								
Railings/Parapets								
Concrete	100%			2027	**	4	\$3,000	A
Steel	100%			LIFE	**	2-8	\$8,200	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**  
**WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER**

**Asset # : 13872**

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	\$13,900	A
Joints								
Steel	100%			LIFE	* *			C
Primary Member								
Steel	100%			LIFE	* *	2-8	\$232,900	A
Movable Bridges								
Vertical Lift Span								
Steel	100%			LIFE	* *			A
Vertical Lift Tower								
Steel	100%			LIFE	* *			A
Vertical Lift Pier								
Concrete	100%			LIFE	* *			A
<b>Bridge Electrical</b>								
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	\$6,700	2018	\$6,700			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : .</i>								
<i>Explanation : System Obsolete And Inoperative</i>								
Control System Electrical								
Control Console								
Metal	100%	Now	\$35,100	2038	* *			B
Disconnect Switch								
Generic	100%			2031	* *			B
Limit Switch								
Generic	100%	Now	\$1,300	2016	\$13,500			B
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%			2016	\$213,500			B
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Switchgear And Motor Control Room</i>								
<i>Explanation : Equipment Is Obsolete And Poorly Maintained.</i>								
Raceway								
Submarine Power Cable								
Not Accessible	100%							D
Wiring								
Generic	100%			2016	\$201,900			B
Lighting								
Lighting Devices								
Generic	100%	Now	\$11,100	2019	\$18,500			B
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Entire Bridge</i>								
<i>Explanation : Fixtures Unlamped, Mismatched And Broken</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**  
**WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER**  
**Asset # : 13872**

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	20%	2-4	\$76,800	2021	\$3,838,500			B
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : All Counterweight Ropes.</i>								
<i>Explanation : Ropes Are Devoid Of Lubricant Where They Contact The Sheave. The Remainder Of The Lubricant Is Old.</i>								
Generic	80%			2021	\$15,354,100			B
Counter Weight								
Main CTRWT	100%			2046	* *			B
Houses								
Access Ways	100%			2021	\$245,300			B
Main Drive System								
Generic	100%			2033	* *			B
Sheaves								
Generic	100%			2033	* *			B
Traffic Devices								
Barrier Gate	100%			2021	\$154,900			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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER  
**Address** : W. 181ST,X-ING HARLEM RIVER  
**Borough** : MANHATTAN:BX. **Agency's Number** : N/A  
**Program / Asset #** : DOT0006.090 / 2441 **Yr Built/Renovated** : 1888 /  
**Area Sq Ft** : 133,600 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 07-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2066919

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$6,904,200	\$7,853,100
<b>Total</b>	<b>\$6,904,200</b>	<b>\$7,853,100</b>
Priority A	\$3,755,900	\$2,733,300
Priority B	\$2,160,300	\$2,644,700
Priority C	\$988,000	\$2,475,200
<b>Total</b>	<b>\$6,904,200</b>	<b>\$7,853,100</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$743,400		\$532,500	
<b>Total</b>	<b>\$743,400</b>		<b>\$532,500</b>	
Priority A	\$458,500		\$267,300	
Priority B	\$240,700		\$265,200	
Priority C	\$44,300			
<b>Total</b>	<b>\$743,400</b>		<b>\$532,500</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**  
**WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER**

**Asset # : 2441**

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								
Footings								
Not Accessible	100%							D
Mat (scour & erosion)								
Earth	100%			LIFE	**			B
Stem (breastwall)								
Granite	75%			LIFE	**			B
Granite	25%	4+	\$320,100	LIFE	**			B
<i>Efflorescence, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Leakage, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
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+	\$151,200	LIFE	**			C
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Leakage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Stream Channel								
Bank Protection								
Masonry	100%			LIFE	**			C
Riprap	100%			LIFE	**			C
Mat (scour & erosion)								
Generic	100%			LIFE	**			A
Approaches								
Pavement								
Asphalt	60%	4+	\$16,900	2026	**	4	\$18,100	C
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Asphalt	40%	2-4	\$168,900	2026	**	4	\$18,100	C
<i>Settlement, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At End Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			A
<i>Rust Stains, Extent : Light, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE	**			C
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At End Approach</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**  
**WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER**

**Asset # : 2441**

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	Priority Code
<b>Approaches</b>								
Guide Railing								
Concrete	100%	4+	\$5,500	2034	**	4	\$4,600	A
	<i>Spalling, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
Steel	100%			LIFE	**	2-8	\$9,300	A
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Right Side Of Beginning Approach</i>							
	<i>Explanation : Steel On Right Side Of Beginning Approach</i>							
<b>Median</b>								
Concrete	100%	4+	\$4,700	LIFE	**			A
	<i>Cracks, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Railings/Parapets</b>								
Steel	100%			LIFE	**			A
	<i>Rust Stains, Extent : Light, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
<b>Sidewalks</b>								
Concrete	90%			LIFE	**			C
Concrete	10%	4+	\$2,600	LIFE	**			C
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At End Approach</i>							
<b>Piers</b>								
Cap Beam								
Masonry	100%			LIFE	**			A
<b>Stem,Solid Pier</b>								
Granite	90%			LIFE	**			B
Granite	10%	4+	\$167,500	LIFE	**			B
	<i>Efflorescence, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Leakage, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Brngs,Ancr Blts,Pads</b>								
Steel	100%			LIFE	**	2-8	\$9,200	A
<b>Footings</b>								
Not Accessible	100%							D
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			A
<b>Pedestals</b>								
Steel	100%			LIFE	**			B
	<i>Corrosion, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
<b>Piles</b>								
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**  
**WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER**  
**Asset # : 2441**

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	
Deck Elements								
Guide Railing Concrete	100%	4+	\$140,700	2038	**			A
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Throughout</i> <i>Vegetation Growth, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
Median Concrete	100%	4+	\$98,800	LIFE	**	5	\$9,500	A
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Railings/Parapets Masonry	100%	4+	\$144,300	2034	**	5	\$11,800	A
<i>Other Observation, Extent : Light, Area Affected : 15%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Spalling</i>								
Steel	100%	4+	\$35,500	LIFE	**	2-8	\$46,700	A
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i> <i>Location : Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$15,600	2030	**	5	\$5,200	C
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%			2026	**	5	\$103,900	C
Concrete	10%	0-2	\$315,300	2021	\$1,576,600	5	\$423,300	C
<i>Spalling, Extent : Moderate, Area Affected : 30%</i> <i>Location : Random Locations Throughout</i>								
Concrete	90%	Now	\$283,800	2034	**	5	\$423,300	C
<i>Delaminations, Extent : Severe, Area Affected : 80%</i> <i>Location : Throughout</i> <i>Spalling, Extent : Severe, Area Affected : 40%</i> <i>Location : Random Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			C
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Total Of 80 Scuppers</i>								
Superstructure								
Deck,Structural Concrete	100%			LIFE	**	5	\$177,200	A

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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**  
**WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER**

**Asset # : 2441**

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								
Steel	70%			LIFE	**			C
Steel	30%	0-2	\$26,000	LIFE	**			C
<i>Broken/Missing Element, Extent : Light, Area Affected : 2%</i> <i>Location : One Joint Plate At The Midspan</i> <i>Loose Joint Plates, Extent : Severe, Area Affected : 10%</i> <i>Location : Span 5 Westbound</i> <i>Other Observation, Extent : Severe, Area Affected : 10%</i> <i>Location : Span 5 Westbound</i> <i>Explanation : Joint Plate Banging Loud Under Tires Of Traffic And Cracks In The Concrete Headers, One Pot Hole In The Joint</i>								
Primary Member								
Steel	98%			LIFE	**	2-8	\$4,233,300	A
Steel	2%	4+	\$1,015,200	LIFE	**	2-8	\$2,469,800	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i> <i>Location : Throughout</i>								
Masonry: Stone	70%			LIFE	**			A
Masonry: Stone	30%	4+	\$910,500	LIFE	**			A
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i> <i>Location : Throughout</i> <i>Leakage, Extent : Moderate, Area Affected : 10%</i> <i>Location : Throughout</i>								
Secondary Member								
Steel	75%			LIFE	**	2-8	\$3,632,000	B
Steel	25%	2-4	\$350,300	LIFE	**	2-8	\$2,069,000	B
<i>Corrosion, Extent : Light, Area Affected : 20%</i> <i>Location : Random Locations 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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE  
**Address** : FDR AT 125 STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0040.0A0 / 4240 **Yr Built/Renovated** : 1901 / 2008  
**Area Sq Ft** : 29,900 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 07-Nov-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 224005A

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bridge Structure	\$622,200	\$622,200
<b>Total</b>	<b>\$622,200</b>	<b>\$622,200</b>
Priority A	\$345,700	\$345,700
Priority B	\$276,400	\$276,400
<b>Total</b>	<b>\$622,200</b>	<b>\$622,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bridge Structure	\$211,800		\$76,600	
<b>Total</b>	<b>\$211,800</b>		<b>\$76,600</b>	
Priority A	\$161,500		\$48,800	
Priority B	\$50,300		\$27,700	
Priority C				
<b>Total</b>	<b>\$211,800</b>		<b>\$76,600</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**  
**WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE**

**Asset # : 4240**

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 Concrete	100%			LIFE	**			A
Backwall Concrete	100%			LIFE	**			C
Brngs,Ancr Blts,Pads Elastomeric	100%			2045	**			A
Footings Not Accessible	100%							D
Joint with Deck Generic	100%			LIFE	**			B
Mat (scour & erosion) Generic	100%			LIFE	**			B
Pedestals Concrete	100%			LIFE	**			A
Stem (breastwall) Concrete	100%			LIFE	**			B
Wingwalls								
Footings Concrete	100%			LIFE	**			C
Mat (scour & erosion) Generic	100%			LIFE	**			C
Piles Not Accessible	100%							D
Walls Concrete	100%			LIFE	**			C
Approaches								
Pavement Concrete	100%			2034	**	4		C
Embankment Earth	100%			LIFE	**			C
Mat (scour & erosion) Earth	100%			LIFE	**			A
Railings/Parapets Concrete	100%			2034	**			A
Piers								
Cap Beam Steel	100%			LIFE	**	2-8	\$268,000	A
Pier,Columns Concrete	100%			LIFE	**			B
Stem,Solid Pier Concrete	100%			LIFE	**			B
Brngs,Ancr Blts,Pads Elastomeric	100%			2045	**			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**  
**WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE**

**Asset # : 4240**

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
Piles								
Not Accessible	100%							D
Deck Elements								
Mono Deck Surface								
Concrete	100%			2045	**	5	\$14,800	C
Railings/Parapets								
Concrete	100%			2034	**	4	\$28,300	A
Scupper								
Cast Iron	100%			LIFE	**			C
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 8 Scuppers</i>						
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$61,500	A
Joints								
Generic	100%			LIFE	**			C
Primary Member								
Steel	100%			LIFE	**	2-8	\$885,000	A
Secondary Member								
Steel	100%			LIFE	**	2-8	\$759,300	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : WILLIS AVE. BRIDGE WILLIS AVE/HARLEM RIVER  
**Address** : HARLEM RIVER, WILLIS AVE.  
**Borough** : MANHATTAN:BX. **Agency's Number** : N/A  
**Program / Asset #** : DOT0040.090 / 4239 **Yr Built/Renovated** : 1901 / 2008  
**Area Sq Ft** : 94,700 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 01-Jul-2008 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2240059

**CAPITAL**

**Total**

Priority

**Total**

**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**  
**WILLIS AVE. BRIDGE WILLIS AVE/HARLEM RIVER**

**Asset # : 4239**

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

<b>Bridge Mechanical</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>	
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER  
**Address** : HART ISLAND  
**Borough** : BRONX **Agency's Number** : N/A  
**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 2016 - 2019	FY 2020 - 2025
Piers	\$393,800	
<b>Total</b>	<b>\$393,800</b>	
Priority A	\$45,200	
Priority B	\$348,600	
<b>Total</b>	<b>\$393,800</b>	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$12,400			
<b>Total</b>	<b>\$12,400</b>			
Priority A	\$12,400			
Priority B				
<b>Total</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**  
**COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER**

**Asset # : 1790**

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	50%			LIFE	**	5	\$6,900	A
	<i>Cracking, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Isolated Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Isolated Throughout</i>							
Concrete	5%	4+	\$12,400	LIFE	**	5	\$700	A
	<i>Spalling, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : At Loading Ramp</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 80%</i>							
	<i>Location : At Shoreline Abutment</i>							
	<i>Explanation : Undermining</i>							
Not Accessible	45%							D
Pile Caps								
Timber	55%			LIFE	**	4	\$32,200	A
	<i>Rotting/Splitting, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
Not Accessible	45%							D
Piles and Bracing								
Timber	20%	4+	\$45,200	LIFE	**	4-5	\$6,700	A
	<i>Rotting/Splitting, Extent : Moderate, Area Affected : 60%</i>							
	<i>Location : Trestle And Pier Head</i>							
Timber	30%			LIFE	**	4-5	\$10,000	A
	<i>Rotting/Splitting, Extent : Light, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
Not Accessible	50%							D
Fender								
Wales and Chocks								
Timber	10%	Now	\$25,200	2037	**	4	\$3,200	B
	<i>Missing Part, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : Offshore Face Of Pier</i>							
Timber	25%	2-4	\$63,000	2037	**	4	\$8,100	B
	<i>Rotting/Splitting, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : Offshore Face Of Pier</i>							
No Component	65%							D
Piles								
Timber	30%	Now	\$119,900	2037	**	4	\$4,500	B
	<i>Missing Part, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Offshore End</i>							
Timber	20%	0-2	\$79,900	2037	**	4	\$3,000	B
	<i>Broken, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Offshore End</i>							
	<i>Rotting/Splitting, Extent : Severe, Area Affected : 75%</i>							
	<i>Location : Offshore End</i>							
No Component	50%							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  
COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER**

**Asset # : 1790**

<b>Piers</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>	<b>Code</b>
<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>	<b>(Yrs)</b>				
Deck Elements	Coping/Curb								
	Timber	100%	4+	\$60,500	LIFE	* *			B
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 70%</i> <i>Location : Throughout Pier</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : EAST 34TH STREET PIER  
**Address** : EAST RIVER AT EAST 34TH STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0199.020 / 14638 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,446 **Project Type** : FERRIES  
**Date of Survey** : 15-Apr-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Piers		\$49,600
<b>Total</b>		<b>\$49,600</b>
Priority A		\$49,600
<b>Total</b>		<b>\$49,600</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Piers				\$11,500
<b>Total</b>				<b>\$11,500</b>
Priority A				
Priority B				\$7,600
Priority C				\$3,900
<b>Total</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**  
**EAST 34TH STREET PIER**  
**Asset # : 14638**

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	50%			LIFE	**	5	\$6,000	A
Not Accessible	50%							D
Deck Surface								
Asphalt Pavers	60%			2039	**			C
Timber	30%			2039	**	5	\$7,800	C
Not Accessible	10%							D
Pile Caps								
Concrete	100%			LIFE	**	5	\$400	A
Piles and Bracing								
Steel	50%			LIFE	**	5	\$49,600	A
		<i>Corrosion, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Throughout Tidal Zone On H-piles</i>						
Not Accessible	50%							D
Fender								
Wales and Chocks								
Timber	60%			2039	**	4	\$12,300	B
No Component	40%							D
Piles								
Timber	30%			2039	**	4	\$2,800	B
No Component	40%							D
Not Accessible	30%							D
Pile Cluster								
Timber	70%			2028	**	4-10		C
Not Accessible	30%							D
Deck Elements								
Railing								
Steel	100%			2024				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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FERRY DOCKS CONCRETE PIER  
**Address** : CITY ISLAND  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : 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 2016 - 2019	FY 2020 - 2025
Piers	\$221,900	
<b>Total</b>	<b>\$221,900</b>	
Priority A	\$221,900	
<b>Total</b>	<b>\$221,900</b>	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Piers	\$54,900			
<b>Total</b>	<b>\$54,900</b>			
Priority A	\$24,300			
Priority C	\$30,600			
<b>Total</b>	<b>\$54,900</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**  
**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+	\$56,100	LIFE	**	5	\$1,900	A
<i>Corrosion of Reinforcement, Extent : Severe, Area Affected : 100%</i> <i>Location : Throughout Underside Of Deck And Between Bents 7-10</i> <i>Spalling, Extent : Severe, Area Affected : 100%</i> <i>Location : Throughout Underside Of Deck And Between Bents 7-10</i>								
Concrete	5%	4+	\$28,100	LIFE	**	5	\$900	A
<i>Spalling, Extent : Moderate, Area Affected : 100%</i> <i>Location : Underside Of Deck</i>								
Concrete	85%			LIFE	**	5	\$16,000	A
<i>Cracking, Extent : Light, Area Affected : 10%</i> <i>Location : Throughout Deck Surface And Curbs</i> <i>Spalling, Extent : Light, Area Affected : 4%</i> <i>Location : Underside And Deck Surface</i> <i>Surface Wearing/Scaling, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout Surface</i>								
Firewalls								
Concrete	50%	Now	\$15,300	LIFE	**	5	\$600	C
<i>Broken, Extent : Severe, Area Affected : 100%</i> <i>Location : Bents 10 And 19</i>								
Concrete	50%	4+	\$15,300	LIFE	**	5	\$600	C
<i>Cracking, Extent : Moderate, Area Affected : 25%</i> <i>Location : Bents 10 And 19</i>								
Pile Caps								
Timber	10%	4+	\$24,300	LIFE	**	4	\$7,900	A
<i>Rotting/Splitting, Extent : Severe, Area Affected : 80%</i> <i>Location : At North And South Ends Of Caps</i> <i>Other Observation, Extent : Moderate, Area Affected : 25%</i> <i>Location : At North And South Ends Of Caps</i> <i>Explanation : Rotting, Splitting</i>								
Timber	90%			LIFE	**	4	\$71,300	A
<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i> <i>Location : Throughout</i>								
Piles and Bracing								
Timber	40%			LIFE	**	4-5	\$18,100	A
<i>Rotting/Splitting, Extent : Light, Area Affected : 100%</i> <i>Location : Piles Throughout</i>								
Timber	30%	4+	\$137,700	LIFE	**	4-5	\$13,600	A
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 85%</i> <i>Location : Above Mhw Throughout</i> <i>Other Observation, Extent : Severe, Area Affected : 15%</i> <i>Location : Above Mhw Throughout</i> <i>Explanation : Rotting, Splitting</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Deck Elements								
Railing								
Steel	100%			2020				B
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Displaced Elements, Extent : Light, Area Affected : 50%</i>								
<i>Location : East Rail At Inshore Half Of The Pier</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FERRY MAINTENANCE FACILITY PIER 1  
**Address** : FORMER U. S. C. G. BASE SOUTHERN END OF MAINT BUILDING  
**Borough** : STATEN ISLAND Agency's Number : N/A  
**Program / Asset #** : DOT0146.000 / 4523 Yr Built/Renovated :  
**Area Sq Ft** : 49,870 Project Type : FERRIES  
**Date of Survey** : 04-Mar-2013 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : 1 Lot : 70 BIN :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Piers	\$307,400	\$407,000
<b>Total</b>	<b>\$307,400</b>	<b>\$407,000</b>
Priority A	\$163,300	\$92,000
Priority C	\$144,100	\$315,000
<b>Total</b>	<b>\$307,400</b>	<b>\$407,000</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Piers	\$45,300	\$5,600		
<b>Total</b>	<b>\$45,300</b>	<b>\$5,600</b>		
Priority A	\$44,300			
Priority B	\$1,000			
Priority C		\$5,600		
<b>Total</b>	<b>\$45,300</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**  
**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	\$22,200	LIFE	**	5	\$1,900	A
<i>Cracking, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At East And Throughout</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Underdeck East Side At Edge And Throughout Soffit</i>								
Concrete	97%			LIFE	**	5	\$90,100	A
Not Accessible	1%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : At South Side Of Pier</i>								
<i>Explanation : Under Building</i>								
Pile Caps								
Concrete	25%	4+	\$163,300	LIFE	**	5	\$800	A
<i>Spalling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Delamination And Spalling Throughout Concrete Encased Steel Beams</i>								
Timber	75%			LIFE	**	4	\$293,900	A
Piles and Bracing								
Caissons	5%	4+	\$22,100	LIFE	**	5	\$3,100	A
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Mid-pier Stone Masonry Support Bent</i>								
<i>Explanation : Missing Joint Mortar At Stone Masonry Bent</i>								
Timber	20%			LIFE	**	4-5	\$44,700	A
<i>Rotting/Splitting, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Throughout Tidal Zone</i>								
Not Accessible	75%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout Pier</i>								
<i>Explanation : 15 Percent Encased</i>								
Fender								
Pile Cluster								
Timber	20%	Now	\$144,100	2028	**	4	\$11,200	C
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : In Tidal Zone</i>								
<i>Loose Wrapping, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Above Mean Low Water</i>								
Timber	20%			2025		4-10	\$91,700	C
Not Accessible	60%							D
Deck Elements								
Railing								
Steel	100%			2023				B
Coping/Curb								
Timber	99%			LIFE	**			B
Timber	1%	Now	\$1,000	LIFE	**			B
<i>Missing Part, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Missing Section At East End Of Pier</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FERRY MAINTENANCE FACILITY PIER B1  
**Address** : FORMER U. S. C. G. BASE NORTH SIDE OF MAINT BLDG  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0144.000 / 4521 **Yr Built/Renovated** :  
**Area Sq Ft** : 24,350 **Project Type** : FERRIES  
**Date of Survey** : 04-Mar-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1 **Lot** : 70 **BIN** :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Piers	\$85,000	\$72,100
<b>Total</b>	<b>\$85,000</b>	<b>\$72,100</b>
Priority A	\$36,900	
Priority C	\$48,000	\$72,100
<b>Total</b>	<b>\$85,000</b>	<b>\$72,100</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Piers	\$100,400	\$33,100	\$11,300	
<b>Total</b>	<b>\$100,400</b>	<b>\$33,100</b>	<b>\$11,300</b>	
Priority A	\$50,600			
Priority B	\$49,900	\$33,100	\$9,600	
Priority C			\$1,700	
<b>Total</b>	<b>\$100,400</b>	<b>\$33,100</b>	<b>\$11,300</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**  
**FERRY MAINTENANCE FACILITY PIER B1**  
**Asset # : 4521**

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%	4+	\$27,100	LIFE	**	5	\$900	A
<i>Cracking, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Center Pier, 150ft From East End</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Southwest Side Of Pier</i>								
Concrete	73%			LIFE	**	5	\$33,100	A
Not Accessible	25%							D
Firewalls								
Concrete	100%			LIFE	**	5	\$2,700	C
Pile Caps								
Timber	98%			LIFE	**	4	\$187,500	A
Timber	2%	2-4	\$23,500	LIFE	**	4	\$3,800	A
<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Ends Of Offshore Pile Caps</i>								
Piles and Bracing								
Timber	2%	Now	\$36,900	LIFE	**	4-5	\$2,200	A
<i>Broken, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Timber	28%			LIFE	**	4-5	\$30,500	A
Not Accessible	70%							D
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : 15% Encased</i>								
Fender								
Buffer								
Rubber	100%			2033	**	4-5	\$30,700	B
Wales and Chocks								
Timber	90%			2033	**	4	\$75,000	B
Timber	10%	4+	\$21,600	2033	**	4	\$5,600	B
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Worn, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Isolated Locations Between The Pier Deck And The Fender System</i>								
<i>Explanation : Steel Connecting Hardware Not Connected</i>								
Piles								
Timber	2%	Now	\$13,700	2039	**	4	\$500	B
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Timber	33%			2033	**	4	\$12,700	B
Not Accessible	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.



**DEPARTMENT OF TRANSPORTATION - 841**  
**FERRY MAINTENANCE FACILITY PIER B1**  
**Asset # : 4521**

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	Priority Code
Fender								
Pile Cluster								
Timber	30%			2022	\$72,100	4-10	\$25,800	C
		<i>Worn, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Tidal Zone</i>						
Timber	20%	Now	\$48,000	2029	**	4	\$2,200	C
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Broken Piles In Tidal Zone</i>						
		<i>Loose Wrapping, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : At Northwest End</i>						
Not Accessible	50%							D
Deck Elements								
Coping/Curb								
Concrete	8%			LIFE	**			B
Concrete	2%	2-4	\$9,700	LIFE	**			B
		<i>Broken, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : North End</i>						
Timber	89%			LIFE	**			B
Timber	1%	Now	\$4,900	LIFE	**			B
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Isolated Throughout</i>						
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Isolated 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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FERRY MAINTENANCE FACILITY PIER B2  
**Address** : FORMER U. S. C. G. BASE LARGEST PIER INFRONT MAINT BLDG  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0145.000 / 4522 **Yr Built/Renovated** :  
**Area Sq Ft** : 61,238 **Project Type** : FERRIES  
**Date of Survey** : 04-Mar-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1 **Lot** : 70 **BIN** :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Piers	\$292,800	\$121,400
<b>Total</b>	<b>\$292,800</b>	<b>\$121,400</b>
Priority A	\$179,400	\$121,400
Priority B	\$113,500	
<b>Total</b>	<b>\$292,800</b>	<b>\$121,400</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Piers	\$21,500	\$33,500	\$15,900	
<b>Total</b>	<b>\$21,500</b>	<b>\$33,500</b>	<b>\$15,900</b>	
Priority A				
Priority B	\$21,500	\$33,500	\$15,900	
Priority C				
<b>Total</b>	<b>\$21,500</b>	<b>\$33,500</b>	<b>\$15,900</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**  
**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	75%			LIFE	**	5	\$85,600	A
		<i>Cracking, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout Perimeter Of Pier</i>						
Not Accessible	25%							D
Firewalls								
Concrete	70%			LIFE	**	5	\$4,800	C
Not Accessible	30%							D
Pile Caps								
Concrete	2%			LIFE	**	5	\$100	A
Timber	98%			LIFE	**	4	\$471,600	A
Piles and Bracing								
Steel	2%	4+	\$86,500	LIFE	**	5	\$18,800	A
		<i>Corrosion, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Above Mean Low Water Elevation</i>						
Timber	2%	4+	\$92,900	LIFE	**	4-5	\$5,500	A
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
Timber	16%			LIFE	**	4-5	\$43,900	A
Not Accessible	80%							D
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 20 Percent Of Piles Are Encased</i>						
Fender								
Buffer								
Rubber	100%			2033	**	4-5	\$50,800	B
Wales and Chocks								
Timber	45%			2033	**	4	\$62,200	B
Timber	5%	4+	\$21,500	2033	**	4	\$4,600	B
		<i>Worn, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 5%</i>						
		<i>Location : At 5 Percent Of Locations Between Pier Deck And Fender System</i>						
		<i>Explanation : Steel Connecting Hardware Is Not Connected</i>						
Not Accessible	50%							D
Piles								
Timber	8%	4+	\$90,800	2039	**	4	\$3,400	B
		<i>Worn, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Above Mean Low Water Elevation</i>						
Timber	2%	Now	\$22,700	2039	**	4	\$900	B
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : At One Location</i>						
Timber	30%			2033	**	4	\$19,200	B
Not Accessible	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**  
**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	Priority Code
Deck Elements								
Coping/Curb								
Concrete	5%			LIFE	**			B
Timber	95%			LIFE	**			B
<i>Rotting/Splitting, Extent : Light, Area Affected : 20%</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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : PIER 11/WALL ST. FERRY PIER  
**Address** : EAST RIVER AT GOUVERNEUR LANE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0001.000 / 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**

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**Total**

Priority

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**Total**

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Piers	\$28,100			\$31,200
<b>Total</b>	<b>\$28,100</b>			<b>\$31,200</b>
Priority A				
Priority B	\$16,800			\$31,200
Priority C	\$11,200			
<b>Total</b>	<b>\$28,100</b>			<b>\$31,200</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**  
**PIER 11/WALL ST. FERRY PIER**  
**Asset # : 4340**

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	5%			LIFE	**	5	\$3,000	A
Not Accessible	95%							D
Deck Surface								
Concrete	100%			2031	**	5	\$21,800	C
			<i>Cracking, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Throughout</i>					
			<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Pile Caps								
Concrete	2%			LIFE	**	5		A
			<i>Spalling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Offshore Structure South Face</i>					
Not Accessible	98%							D
Piles and Bracing								
Concrete	5%			LIFE	**	5	\$5,000	A
Not Accessible	95%							D
Fender								
Wales and Chocks								
Timber	75%			2031	**	4	\$51,300	B
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Above Mlw Elevation Throughout</i>					
			<i>Explanation : Weathering</i>					
No Component	25%							D
Piles								
Timber	35%			2031	**	4	\$11,100	B
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Above Mlw Elevation Throughout</i>					
			<i>Explanation : Weathering</i>					
Timber	5%	2-4	\$16,800	2031	**	4	\$1,600	B
			<i>Loose Connections, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Single Pile Along Offshore Of Pier</i>					
			<i>Missing Pile, Extent : Severe, Area Affected : 1%</i>					
			<i>Location : 2 Missing Piles Offshore Face</i>					
No Component	25%							D
Not Accessible	35%							D
Pile Cluster								
Timber	35%	4+	\$300	2023	\$16,800	4	\$800	C
			<i>Loose Cable Ties, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Northeast Cluster</i>					
Not Accessible	65%							D
Deck Elements								
Railing								
Steel	100%			2021				B
			<i>Corrosion, Extent : Light, Area Affected : 5%</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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ST. GEORGE FERRY TERMINAL / NORTH WHARF  
**Address** : NORTH SIDE OF TERMINAL BUILDING  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : 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 2016 - 2019	FY 2020 - 2025
Piers		\$435,600
<b>Total</b>		<b>\$435,600</b>
Priority A		\$435,600
<b>Total</b>		<b>\$435,600</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Deck								
Concrete	100%			LIFE	* *	5	\$64,300	A
<i>Cracking, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated Throughout</i>								
Pile Caps								
Concrete	100%			LIFE	* *	5	\$2,300	A
<i>Cracking, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated Throughout</i>								
Piles and Bracing								
Steel	70%			LIFE	* *	5	\$371,300	A
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : Above Mlw</i>								
Not Accessible	30%							D
Coping/Curb								
Concrete	20%			LIFE	* *			C
<i>Cracking, Extent : Light, Area Affected : 10%</i>								
<i>Location : North End</i>								
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.



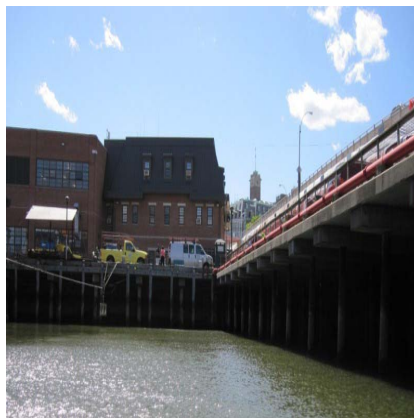
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ST. GEORGE FERRY TERMINAL / SOUTH WHARF  
**Address** : SOUTH SIDE OF TERMINAL BUILDING  
**Borough** : STATEN ISLAND Agency's Number : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Piers	\$59,500	\$352,800
<b>Total</b>	<b>\$59,500</b>	<b>\$352,800</b>
Priority A		\$352,800
Priority B	\$59,500	
<b>Total</b>	<b>\$59,500</b>	<b>\$352,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Piers	\$14,700			\$19,800
<b>Total</b>	<b>\$14,700</b>			<b>\$19,800</b>
Priority A	\$400			
Priority B				\$19,800
Priority C	\$14,300			
<b>Total</b>	<b>\$14,700</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  
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	\$32,200	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	\$700	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	\$11,700	C
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Isolated Throughout</i>					
Concrete	70%			2031	**	5	\$16,900	C
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Isolated Throughout</i>					
Pile Caps								
Concrete	90%			LIFE	**	5	\$2,100	A
Timber	10%			LIFE	**	4	\$27,700	A
Piles and Bracing								
Steel	65%			LIFE	**	5	\$352,800	A
			<i>Corrosion, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Throughout Tidal Zone</i>					
Timber	10%			LIFE	**	4-5	\$15,800	A
Not Accessible	25%							D
Fender								
Wales and Chocks								
Timber	75%			2031	**	4	\$36,200	B
No Component	25%							D
Piles								
Timber	10%	0-2	\$59,500	2037	**	4	\$2,200	B
			<i>Broken, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : At North End Of Wharf</i>					
Timber	15%			2031	**	4	\$3,300	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 : 24-Oct-2014

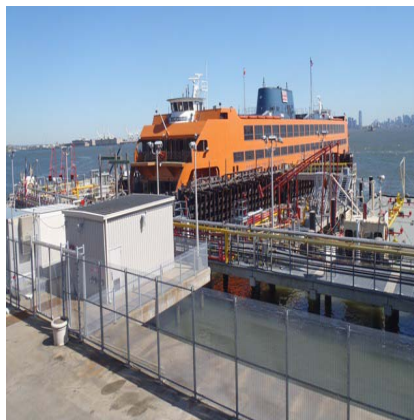
**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ST. GEORGE FERRY TERMINAL FUEL PIER  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**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 2016	FY 2017	FY 2018	FY 2019
Piers	\$14,000			\$1,800
<b>Total</b>	<b>\$14,000</b>			<b>\$1,800</b>
Priority A	\$14,000			
Priority B				\$1,800
<b>Total</b>	<b>\$14,000</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**  
**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	\$4,700	A
<i>Cracking, Extent : Light, Area Affected : 25%</i>								
<i>Location : Deck Surface Stringers</i>								
Steel	40%			2026	* *	5	\$28,000	A
Not Accessible	30%							D
Pile Caps								
Concrete	70%			LIFE	* *	5	\$400	A
Not Accessible	30%							D
Piles and Bracing								
Concrete	35%			LIFE	* *	5	\$9,300	A
Not Accessible	65%							D
Fender								
Piles								
Timber	10%			2035	* *	4	\$3,600	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**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 2016** **FY 2017** **FY 2018** **FY 2019**

Bulkheads  
**Total**  
 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**  
**BULKHEAD**  
**Asset # : 1808**

<b>Bulkheads</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>	
<b>Structural</b>								
Gravity Wall								
Not Accessible	100%							D
Revetment								
Stone	10%			LIFE	**	5	\$200	C
No Component	90%							D
<b>Backfill</b>								
Fill								
Not Accessible	100%							D
<b>Surface</b>								
Asphalt	60%			2035	**	5	\$2,700	B
		<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Isolated</i>						
Concrete	40%			2035	**	5	\$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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**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 2016 - 2019	FY 2020 - 2025
Bulkheads		\$239,900
<b>Total</b>		<b>\$239,900</b>
Priority B		\$239,900
<b>Total</b>		<b>\$239,900</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$15,700			
<b>Total</b>	<b>\$15,700</b>			
Priority A	\$15,700			
<b>Total</b>	<b>\$15,700</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 @ PIER 26**  
**Asset # : 1809**

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								
Gravity Wall								
Stone	25%			LIFE	**	5	\$14,000	A
Stone	5%	4+	\$15,700	LIFE	**	5	\$2,800	A
<i>Broken, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Broken Block At Station 0+00, 0+41, 0+92, And 2+00 (from North)</i>								
<i>Missing Block Seal, Extent : Light, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout In Concrete At Top Wall</i>								
Not Accessible	70%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Under Construction	100%							D
Deck Elements								
Railing								
Steel	40%			2021	\$239,900			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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : DOT HARPER ST. FLEET FACILITY TIMBER BULKHEAD  
**Address** : 32-11 HARPER STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0129.000 / 1792 **Yr Built/Renovated** : 1950 /  
**Linear Ft** : 654 **Project Type** : FERRIES  
**Date of Survey** : 17-Jun-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1790 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bulkheads	\$955,000	
<b>Total</b>	<b>\$955,000</b>	
Priority A	\$620,600	
Priority B	\$334,400	
<b>Total</b>	<b>\$955,000</b>	

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bulkheads	\$34,200			
<b>Total</b>	<b>\$34,200</b>			
Priority A	\$30,000			
Priority B	\$4,100			
<b>Total</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**  
**DOT HARPER ST. FLEET FACILITY TIMBER BULKHEAD**

**Asset # : 1792**

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								
Gravity Wall								
Concrete	6%	4+	\$30,000	LIFE	**	5	\$200	A
	<i>Erosion, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : At Vertical Joints Station 0+00 To 3+90 (from North)</i>							
Concrete	46%			LIFE	**	5	\$1,200	A
	<i>Erosion, Extent : Light, Area Affected : 30%</i>							
	<i>Location : In Tidal Zone Station 0+00 To 3+90 (from North)</i>							
Timber Crib w/Stone	7%			LIFE	**	4	\$1,300	A
	<i>Rotting/Splitting, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Tidal Zone Station 3+90 To 4+35 (from North)</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Tidal Zone Station 3+90 To 4+35 (from North)</i>							
	<i>Explanation : Rotting, Splitting</i>							
Timber Crib w/Stone	18%	Now	\$326,500	LIFE	**	4	\$3,400	A
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Station 5+20 To 6+35 (from North)</i>							
	<i>Explanation : Collapsed, Missing</i>							
No Component	13%							D
Not Accessible	10%							D
Pile Supported Wall								
Timber	13%	Now	\$246,600	LIFE	**	4	\$600	A
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Station 4+35 To 5+20 (from North)</i>							
	<i>Explanation : Collapsed, Missing</i>							
No Component	87%							D
Piles and Bracing								
Timber	13%	Now	\$47,500	2037	**	4	\$12,700	A
	<i>Rotting/Splitting, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Station 4+35 To 5+20 (from North)</i>							
No Component	87%							D
Backfill								
Fill								
Stone	31%	Now	\$52,200	LIFE	**	5	\$200	B
	<i>Loss of Backfill, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Station 4+35 To 6+35 (from North)</i>							
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Backfill								
Surface								
Asphalt	11%			2025	\$6,200	5	\$800	B
<i>Cracking, Extent : Light, Area Affected : 5%</i>								
<i>Location : Station 0+00 To 4+35 (from North)</i>								
Topsoil	31%	Now	\$4,100	2022	\$10,400	5	\$500	B
<i>Missing Part, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Station 4+35 To 6+35 (from North)</i>								
Topsoil	31%			2020	\$10,400	5	\$900	B
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Station 0+00 To 4+35 (from North)</i>								
<i>Explanation : Vegetation</i>								
Not Accessible	27%							D
Fender								
Piles								
Timber	100%	Now	\$116,800	2037	**	4	\$15,700	B
<i>Broken, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Missing Part, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Wales and Chocks								
Timber	100%	Now	\$165,400	2037	**	4	\$35,500	B
<i>Missing Part, 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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FERRY DOCKS RIP-RAP DEBRIS  
**Address** : CITY ISLAND  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : 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**

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**Total**

Priority

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**Total**

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads		\$100		
<b>Total</b>		<b>\$100</b>		
Priority A				
Priority B		\$100		
Priority C				
<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**  
**FERRY DOCKS RIP-RAP DEBRIS**  
**Asset # : 1816**

<b>Bulkheads</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>	
<b>Structural</b>								
Gravity Wall								
Stone	75%			LIFE	* *	5	\$3,500	A
No Component	25%							D
<b>Revetment</b>								
Stone	25%			LIFE	* *	5	\$100	C
No Component	75%							D
<b>Backfill</b>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : FERRY DOCKS TIMBER BULKHEAD  
**Address** : HART ISLAND  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0128.017 / 1817 **Yr Built/Renovated** :  
**Linear Ft** : 307 **Project Type** : FERRIES  
**Date of Survey** : 10-Jun-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 5649 **Lot** : 1 **BIN** :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$117,200	\$857,800
<b>Total</b>	<b>\$117,200</b>	<b>\$857,800</b>
Priority A	\$117,200	\$857,800
<b>Total</b>	<b>\$117,200</b>	<b>\$857,800</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$55,300	\$23,000		
<b>Total</b>	<b>\$55,300</b>	<b>\$23,000</b>		
Priority A	\$13,200	\$23,000		
Priority B	\$42,100			
Priority C				
<b>Total</b>	<b>\$55,300</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**  
**FERRY DOCKS TIMBER BULKHEAD**  
**Asset # : 1817**

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								
Piles and Bracing Timber	100%			2025	\$857,800	4	\$68,900	A
		<i>Rotting/Splitting, Extent : Light, Area Affected : 20%</i>						
		<i>Location : In Tidal Zone</i>						
Revetment Stone	70%			LIFE	**	5	\$1,300	C
No Component	30%							D
Sheet Piles								
Timber	50%			LIFE	**	4	\$2,900	A
		<i>Rotting/Splitting, Extent : Light, Area Affected : 30%</i>						
		<i>Location : In Tidal Zone</i>						
Timber	45%	4+	\$100,500	LIFE	**	4	\$2,600	A
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Tidal Zone</i>						
Timber	5%	2-4	\$16,700	LIFE	**	4	\$300	A
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Tidal Zone</i>						
Wales								
Timber	70%			LIFE	**	4	\$3,200	A
		<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i>						
		<i>Location :</i>						
Timber	15%	4+	\$6,600	LIFE	**	4	\$700	A
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 75%</i>						
		<i>Location : In Tidal Zone</i>						
Timber	15%	2-4	\$6,600	LIFE	**	4	\$700	A
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 75%</i>						
		<i>Location : In Tidal Zone At Southeast</i>						
Backfill								
Fill								
Sand	20%	Now	\$13,100	2052	**	5	\$100	B
		<i>Settlement, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Sinkholes Station 0+00 To 0+85 And 1+99 To 3+10 (from South)</i>						
Stone	20%	Now	\$15,800	LIFE	**	5	\$100	B
		<i>Erosion, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Fill Loss Behind Bulkhead Throughout</i>						
Not Accessible	60%							D
Surface								
Sand	40%	Now	\$13,100	2037	**	2-5	\$200	B
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Sinkholes Inshore Of Sheetpile Bulkhead</i>						
Sand	60%			2035	**	2-5	\$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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ST. GEORGE FERRY TERMINAL / CONCRETE BULKHEAD  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bulkheads	\$373,000	\$42,400
<b>Total</b>	<b>\$373,000</b>	<b>\$42,400</b>
Priority A	\$323,400	\$42,400
Priority B	\$49,600	
<b>Total</b>	<b>\$373,000</b>	<b>\$42,400</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bulkheads	\$78,200			
<b>Total</b>	<b>\$78,200</b>			
Priority A	\$28,000			
Priority B	\$42,400			
Priority C	\$7,900			
<b>Total</b>	<b>\$78,200</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	Priority Code
Structural								
Coping/Curb								
Timber	4%	2-4	\$6,300	LIFE	**	5	\$100	C
			<i>Rotting/Splitting, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Station 9+40 To 10+50 ( From South)</i>					
Timber	1%	Now	\$1,600	LIFE	**	5		C
			<i>Broken, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : East Of South Wharf For 30 Ft ( Station 9+10 To 9+40 From South)</i>					
No Component	95%							D
Gravity Wall								
Concrete	30%			LIFE	**	5	\$3,600	A
			<i>Cracking, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
			<i>Erosion, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Top Of Wall</i>					
Concrete	7%	4+	\$157,400	LIFE	**	5	\$800	A
			<i>Cracking, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Erosion, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Under Slips 4, 5, And 6</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Top Of Wall</i>					
Stone	16%			LIFE	**	5	\$39,900	A
			<i>Broken, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Block Corners Throughout</i>					
			<i>Missing Block Seal, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Station 1+79 To 4+95 ( From South)</i>					
Stone	1%	2-4	\$28,000	LIFE	**	5	\$2,500	A
			<i>Displaced Elements, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout From Station 4+50 To 7+00</i>					
Not Accessible	46%							D
Revetment								
Stone	8%			LIFE	**	5	\$1,400	C
No Component	92%							D
Sheet Piles								
Steel	1%	Now	\$166,100	LIFE	**			A
			<i>Corrosion, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Between Slips 3 And 4</i>					
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**

<b>Bulkheads</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>	
<b>Backfill</b>								
Surface								
Asphalt	85%			2031	**	5	\$28,500	B
<i>Cracking, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout And Station 0+00 To 7+45 ( From South)</i>								
Asphalt Pavers	2%			2031	**	5	\$700	B
Concrete	9%			2031	**	5	\$3,000	B
Topsoil	4%			2020		5	\$600	B
<b>Fender</b>								
Piles								
Timber	5%	Now	\$26,300	2037	**	4	\$3,500	B
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : From Station 9+10 To 11+15 ( From South)</i>								
No Component	90%							D
Not Accessible	5%							D
<b>Wales and Chocks</b>								
Timber								
	10%	Now	\$49,600	2035	**	4	\$16,000	B
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : From Station 9+10 To 11+15 ( From South)</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BULKHEAD @ PIER 79  
**Address** : W 38 TH TO MID W40/W41 STS. HUDSON RIVER AT LINCOLN TUNNEL  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0025.021 / 4339 **Yr Built/Renovated** : 1900 /  
**Linear Ft** : 772 **Project Type** : HIGHWAYS  
**Date of Survey** : 16-Apr-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 665 **Lot** : 999 **BIN** :

**CAPITAL****Total**

Priority

**Total**

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bulkheads		\$1,500	\$1,500	
<b>Total</b>		<b>\$1,500</b>	<b>\$1,500</b>	
Priority B		\$1,500	\$1,500	
<b>Total</b>		<b>\$1,500</b>	<b>\$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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BULKHEAD @ PIER 79**  
**Asset # : 4339**

<b>Bulkheads</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>	
<b>Structural</b>								
Relieving Platform Top								
No Component	33%							D
Not Accessible	67%							D
Sheet Piles								
Steel	33%			LIFE	**			A
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Northern End Undergoing Replacement</i>								
No Component	67%							D
<b>Backfill</b>								
Fill								
Not Accessible	100%							D
Surface								
Asphalt	33%			2033	**	5	\$2,900	B
Concrete	34%			2037	**	5	\$3,000	B
Under Construction	33%							D
<b>Deck Elements</b>								
Railing								
No Component	67%							D
Under Construction	33%							D

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

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BULKHEAD, CONNER ST. YARD CONCRETE GRAVITY WALL  
**Address** : 3200 CONNER STREET  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0128.020 / 1791 **Yr Built/Renovated** :  
**Linear Ft** : 382 **Project Type** : HIGHWAYS  
**Date of Survey** : 20-May-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 5256 **Lot** : 200 **BIN** :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$531,700	
<b>Total</b>	<b>\$531,700</b>	
Priority A	\$531,700	
<b>Total</b>	<b>\$531,700</b>	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$6,600			
<b>Total</b>	<b>\$6,600</b>			
Priority A				
Priority B	\$6,600			
<b>Total</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**  
**BULKHEAD, CONNER ST. YARD CONCRETE GRAVITY WALL**

**Asset # : 1791**

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								
Gravity Wall								
Concrete	10%	0-2	\$116,900	LIFE	**	5	\$200	A
<i>Erosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Station 0+00 To 0+30, 0+62 To 0+67, 2+70 To 2+80 (from North) And At South End</i>								
Concrete	35%	Now	\$409,000	LIFE	**	5	\$500	A
<i>Missing Part, Extent : Severe, Area Affected : 66%</i>								
<i>Location : Stations 1+13 To 2+12 (from North)</i>								
<i>Spalling, Extent : Severe, Area Affected : 33%</i>								
<i>Location : Southern 50 Ft</i>								
Concrete	10%	4+	\$5,800	LIFE	**	5	\$200	A
<i>Erosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout Above Mhw</i>								
<i>Spalling, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Throughout Above Mhw</i>								
Concrete	45%			LIFE	**	5	\$700	A
<i>Erosion, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout On Wall Face</i>								
Backfill								
Fill								
Stone	5%	Now	\$2,900	LIFE	**	5		B
<i>Loss of Backfill, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Station 1+13 To 1+90 (from North)</i>								
Topsoil	3%	Now	\$1,400	2062	**			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Station 1+13 To 1+90 (from North)</i>								
<i>Explanation : Loss Of Backfill</i>								
Not Accessible	92%							D
Surface								
Asphalt	93%			2025	\$30,400	5	\$4,100	B
<i>Cracking, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : North End</i>								
Asphalt	7%	Now	\$2,300	2037	**	5	\$200	B
<i>Missing Part, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Station 1+13 To 2+10 (from North)</i>								
<i>Settlement, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Sinkhole At Sta 0+65</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.

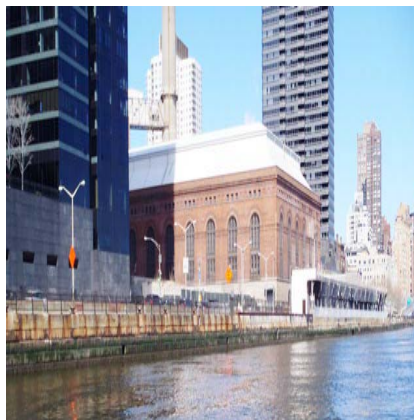
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BULKHEAD/GRAVITY WALL  
**Address** : E. RIVER, 71ST TO 78TH ST. COAST LINE OF 71 ST. TO CL 78 ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0025.055 / 4343 **Yr Built/Renovated** :  
**Linear Ft** : 1,920 **Project Type** : HIGHWAYS  
**Date of Survey** : 05-Mar-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1483 **Lot** : 60 **BIN** :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bulkheads	\$204,500	\$1,480,300
<b>Total</b>	<b>\$204,500</b>	<b>\$1,480,300</b>
Priority A	\$204,500	\$86,500
Priority B		\$1,393,800
<b>Total</b>	<b>\$204,500</b>	<b>\$1,480,300</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bulkheads	\$25,900	\$8,500		
<b>Total</b>	<b>\$25,900</b>	<b>\$8,500</b>		
Priority A				
Priority B	\$25,900	\$8,500		
<b>Total</b>	<b>\$25,900</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**  
**BULKHEAD/GRAVITY WALL**  
**Asset # : 4343**

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								
Gravity Wall								
Conc w/Stone Face	10%	Now	\$204,500	LIFE	**	5	\$17,300	A
<i>Missing Block Seal, Extent : Severe, Area Affected : 50%</i>								
<i>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</i>								
Conc w/Stone Face	40%			LIFE	**	5	\$69,200	A
<i>Cracking, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Concrete	5%			LIFE	**	5	\$400	A
<i>Erosion, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Not Accessible	45%							D
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Asphalt Pavers	48%			2032	**	5	\$10,500	B
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Asphalt Pavers	1%	Now	\$11,200	2038	**	5	\$100	B
<i>Settlement, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Station 5+45 From North</i>								
Asphalt Pavers	1%	4+	\$11,200	2038	**	5	\$100	B
<i>Settlement, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Stations 15+00 And 16+17 From North</i>								
Concrete	30%			2032	**	5	\$6,600	B
<i>Cracking, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
Not Accessible	20%							D
Deck Elements								
Railing								
Steel	79%			2021	\$1,376,400			B
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Coating Loss</i>								
Steel	1%	Now	\$3,500	2021	\$17,400			B
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Station 4+83 From North</i>								
<i>Explanation : Broken</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : DOT ASPHALT PLANT RELIEVING PLATFORM  
**Address** : 488 HAMILTON AVE. E.SHORE GOWANAS BAY S. OF EXPWAY  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**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 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$56,400	\$400		
<b>Total</b>	<b>\$56,400</b>	<b>\$400</b>		
Priority A	\$16,700			
Priority B	\$39,700	\$400		
Priority C				
<b>Total</b>	<b>\$56,400</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**

<b>Bulkheads</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>	
<b>Structural</b>								
Relieving Platform Top								
Concrete	10%	4+	\$16,700	LIFE	**	5	\$200	A
	<i>Spalling, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Concrete	90%			LIFE	**	5	\$1,800	A
Coping/Curb								
Timber	100%			LIFE	**	5	\$300	C
Piles and Bracing								
Concrete	10%			LIFE	**	5	\$300	A
Steel	15%			LIFE	**	5	\$12,000	A
	<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Splash Zone</i>							
Not Accessible	75%							D
Pile Caps								
Concrete	10%			LIFE	**	5	\$200	A
Not Accessible	90%							D
<b>Backfill</b>								
Surface								
Asphalt	15%			2032	**	5	\$900	B
Topsoil	10%			2021	\$2,700	5	\$200	B
Not Accessible	75%							D
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Relieving Platform Surface Covered With Crushed Stone.</i>							
<b>Fender</b>								
Piles								
Timber	25%			2032	**	4	\$4,700	B
	<i>Worn, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
Timber	15%	Now	\$13,900	2038	**	4	\$1,900	B
	<i>Broken, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Timber	15%	2-4	\$13,900	2038	**	4	\$1,900	B
	<i>Worn, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
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**

<b>Bulkheads</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>	
Fender								
Wales and Chocks								
Timber	47%			2032	**	4	\$19,900	B
<i>Worn, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Timber	1%	Now	\$1,300	2038	**	4	\$300	B
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Timber	2%	2-4	\$2,200	2036	**	4	\$600	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : DOT ASPHALT PLANT STEEL SHEET PILE BULKHEAD  
**Address** : 488 HAMILTON AVE. W.SHORE GOWANAS BAY S. OF EXPWAY  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0130.012 / 1794 **Yr Built/Renovated** :  
**Linear Ft** : 31 **Project Type** : HIGHWAYS  
**Date of Survey** : 15-Dec-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 625 **Lot** : 2 **BIN** :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bulkheads	\$122,600	
<b>Total</b>	<b>\$122,600</b>	
Priority A	\$122,600	
<b>Total</b>	<b>\$122,600</b>	

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
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**

<b>Bulkheads</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>	
<b>Structural</b>								
Sheet Piles								
Steel	35%	Now	\$61,300	LIFE	* *			A
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Broken/missing</i>								
Steel	35%	4+	\$61,300	LIFE	* *			A
<i>Corrosion, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Splash Zone</i>								
Not Accessible	30%							D
<b>Backfill</b>								
Fill								
Not Accessible	100%							D
<b>Surface</b>								
Concrete	50%			2032	* *	5	\$200	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : DOT FACILITY BULKHEAD  
**Address** : 6080 FLATLANDS AVE.  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0130.020 / 1795 **Yr Built/Renovated** :  
**Linear Ft** : 845 **Project Type** : HIGHWAYS  
**Date of Survey** : 10-Nov-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 8012 **Lot** : 400 **BIN** :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bulkheads	\$471,500	\$43,200
<b>Total</b>	<b>\$471,500</b>	<b>\$43,200</b>
Priority B		\$43,200
Priority C	\$471,500	
<b>Total</b>	<b>\$471,500</b>	<b>\$43,200</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bulkheads				
<b>Total</b>				
Priority B				
Priority C				
<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**  
**DOT FACILITY BULKHEAD**  
**Asset # : 1795**

<b>Bulkheads</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>	
Structural								
Revetment								
Asphalt remnants	20%			LIFE	**	5	\$200	C
Stone	80%	Now	\$471,500	LIFE	**	5	\$4,000	C
<i>Other Observation, Extent : Severe, Area Affected : 80%</i>								
<i>Location : West Of Station 0+75</i>								
<i>Explanation : Insufficient Armor / Slope Exceeds 1:1</i>								
Backfill								
Fill								
Not Accessible	100%							D
Surface								
Topsoil	100%			2020	\$43,200	5	\$4,000	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : DOT FACILITY/STEEL BULKHEAD UNDER WILLIAMSBURG BRIDGE  
**Address** : 352-372 KENT AVE. / SOUTH 5TH ST. TO SOUTH 6TH ST.  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : 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 2016** **FY 2017** **FY 2018** **FY 2019**

Bulkheads  
**Total**  
 Priority A  
**Total**



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

<b>Bulkheads</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>	
<b>Structural</b>								
Sheet Piles								
Steel	20%			LIFE	**			A
	<i>Corrosion, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
Not Accessible	80%							D
<b>Wales</b>								
Steel	100%			LIFE	**	5	\$6,300	A
	<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
<b>Pile Caps</b>								
Concrete	65%			LIFE	**	5	\$500	A
	<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
No Component	35%							D
<b>Backfill</b>								
<b>Fill</b>								
Under Construction	100%							D
<b>Surface</b>								
Under Construction	100%							D

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

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : GRAVITY WALL AT HALLETS COVE  
**Address** : 30TH DRIVE TO JUST SOUTH OF 31 AVENUE  
**Borough** : QUEENS **Agency's Number** : N/A  
**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** :

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Bulkheads			\$178,600
<b>Total</b>			<b>\$178,600</b>
Priority B			\$178,600
<b>Total</b>			<b>\$178,600</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$500	\$1,800		
<b>Total</b>	<b>\$500</b>	<b>\$1,800</b>		
Priority A				
Priority B	\$500	\$1,800		
<b>Total</b>	<b>\$500</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**  
**GRAVITY WALL AT HALLETS COVE**  
**Asset # : 14022**

<b>Bulkheads</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>	
<b>Structural</b>								
Gravity Wall Concrete	100%			LIFE	* *	5	\$2,100	A
		<i>Cracking, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
<hr/>								
<b>Backfill</b>								
<b>Fill</b>								
Not Accessible	100%							D
<hr/>								
<b>Surface</b>								
Concrete	60%			2032	* *	5	\$3,500	B
Topsoil	40%			2021	\$10,500	5	\$1,000	B
<hr/>								
<b>Deck Elements</b>								
<b>Railing</b>								
Aluminum	100%			2022	\$178,600			B
<hr/>								
<b>Parapet</b>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : RELIEVING PLATFORM  
**Address** : E. RIVER, 59TH TO 63RD ST.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0025.053 / 4341 **Yr Built/Renovated** :  
**Linear Ft** : 1,223 **Project Type** : HIGHWAYS  
**Date of Survey** : 15-Apr-2013 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1474 **Lot** : 60 **BIN** :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bulkheads	\$754,200	\$182,800
<b>Total</b>	<b>\$754,200</b>	<b>\$182,800</b>
Priority A	\$754,200	\$98,000
Priority B		\$84,800
<b>Total</b>	<b>\$754,200</b>	<b>\$182,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bulkheads	\$19,700	\$1,400	\$5,600	
<b>Total</b>	<b>\$19,700</b>	<b>\$1,400</b>	<b>\$5,600</b>	
Priority A	\$19,600			
Priority B		\$1,400	\$5,600	
<b>Total</b>	<b>\$19,700</b>	<b>\$1,400</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**  
**RELIEVING PLATFORM**  
**Asset # : 4341**

<b>Bulkheads</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>	
<b>Structural</b>								
Relieving Platform Top Concrete	80%			LIFE	**	5	\$3,700	A
	<i>Cracking, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Concrete	20%	2-4	\$19,600	LIFE	**	5	\$900	A
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Along Top Edge</i>							
<b>Pile Supported Wall</b>								
Conc w/Stone Face	25%	2-4	\$207,200	LIFE	**	5	\$24,500	A
	<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout Above Granite Fascia Panels</i>							
	<i>Explanation : Erosion On Concrete</i>							
Conc w/Stone Face	10%	Now	\$331,500	LIFE	**	5	\$9,800	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+	\$215,500	LIFE	**	5	\$63,700	A
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout Above Granite Fascia Panels</i>							
	<i>Explanation : Erosion</i>							
<b>Piles and Bracing</b>								
Not Accessible	100%							D
<b>Backfill</b>								
<b>Fill</b>								
Not Accessible	100%							D
<b>Surface</b>								
Asphalt	80%			2033	**	5	\$11,200	B
Asphalt Pavers	20%			2037	**	5	\$2,800	B
<b>Deck Elements</b>								
<b>Railing</b>								
Aluminum	20%			2023	\$84,800			B
Fencing	20%			2025	\$12,600	3	\$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.

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : RELIEVING PLATFORM  
**Address** : E. RIVER, 34TH TO 36TH STS.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0025.064 / 4342 **Yr Built/Renovated** :  
**Linear Ft** : 546 **Project Type** : HIGHWAYS  
**Date of Survey** : 08-Mar-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 966 **Lot** : 999 **BIN** :

CAPITAL		FY 2016 - 2019	FY 2020 - 2025
Bulkheads			\$173,400
<b>Total</b>			<b>\$173,400</b>
Priority B			\$173,400
<b>Total</b>			<b>\$173,400</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$34,500	\$1,400		
<b>Total</b>	<b>\$34,500</b>	<b>\$1,400</b>		
Priority A	\$13,400			
Priority B	\$21,100	\$1,400		
<b>Total</b>	<b>\$34,500</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**  
**RELIEVING PLATFORM**  
**Asset # : 4342**

<b>Bulkheads</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>		
<b>Structural</b>									
Relieving Platform Top									
Concrete/Stone	2%	4+	\$2,100	LIFE		**		A	
	<i>Erosion, Extent : Moderate, Area Affected : 10%</i>								
	<i>Location : Isolated At Top Of Bulkhead Throughout</i>								
	<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
	<i>Location : Isolated At Top Of Bulkhead Throughout</i>								
Concrete/Stone	2%	Now	\$4,300	LIFE		**		A	
	<i>Missing Part, Extent : Severe, Area Affected : 20%</i>								
	<i>Location : At Stations 3+50 And 4+30 From North</i>								
Concrete/Stone	96%			LIFE		**		A	
	<i>Cracking, Extent : Light, Area Affected : 5%</i>								
	<i>Location : Throughout</i>								
Piles and Bracing									
Not Accessible	100%							D	
Lowlevel Pile Caps									
Timber	5%	Now	\$6,900	LIFE		**		A	
	<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>								
	<i>Location : Along Bulkhead Face Throughout</i>								
Not Accessible	95%							D	
<b>Backfill</b>									
Fill									
Not Accessible	45%							D	
Under Construction	55%							D	
Surface									
Asphalt	45%			2032		**	5	\$2,800	B
Under Construction	55%							D	
<b>Fender</b>									
Piles									
Timber	20%	Now	\$19,500	2038		**	4	\$2,600	B
	<i>Broken, Extent : Severe, Area Affected : 100%</i>								
	<i>Location : Throughout</i>								
	<i>Rotting/Splitting, Extent : Severe, Area Affected : 10%</i>								
	<i>Location : Throughout</i>								
Timber	25%			2032		**	4	\$4,900	B
No Component	10%							D	
Not Accessible	45%							D	
<b>Deck Elements</b>									
Railing									
Steel	35%			2021	\$173,400			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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : REVETMENT - RIPRAP BULKHEAD  
**Address** : W 205TH TO W 206TH ST HARLEM RIVER,SUB 2 OF ASSET TYPE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0187.000 / 13798 **Yr Built/Renovated** :  
**Linear Ft** : 296 **Project Type** : HIGHWAYS  
**Date of Survey** : 20-Nov-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2186 **Lot** : 9 **BIN** :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Bulkheads	\$67,100	
<b>Total</b>	<b>\$67,100</b>	
Priority C	\$67,100	
<b>Total</b>	<b>\$67,100</b>	

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bulkheads	\$900	\$600		
<b>Total</b>	<b>\$900</b>	<b>\$600</b>		
Priority B	\$900	\$600		
Priority C				
<b>Total</b>	<b>\$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**  
**REVTMENT - RIPRAP BULKHEAD**  
**Asset # : 13798**

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								
Revetment								
Stone	65%	4+	\$67,100	LIFE	**	5	\$1,200	C
<i>Erosion, Extent : Moderate, Area Affected : 85%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Non-engineered, Inadequate Placement/ Protection, Concrete Debris</i>								
Stone	35%			LIFE	**	5	\$600	C
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Southern 100ft Of Asset</i>								
Backfill								
Fill								
Topsoil	10%	4+	\$600	2052	**			B
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : North End Of Park</i>								
<i>Explanation : Erosion Above Rip Rap Revetment</i>								
Not Accessible	90%							D
Surface								
Topsoil	10%	4+	\$300	2022	\$1,500	5	\$100	B
<i>Erosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North End Of Park</i>								
Topsoil	90%			2022	\$13,600	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.

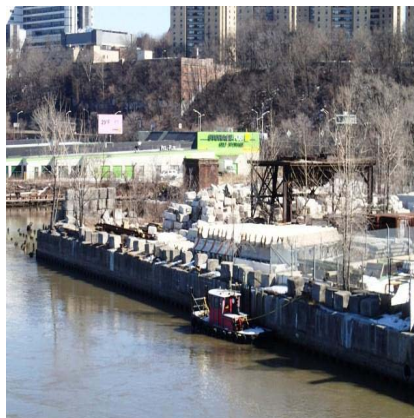
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BULKHEAD NORTH OF UNIVERSITY HEIGHTS BRIDGE  
**Address** : LANDING ROAD  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0209.000 / 14496 **Yr Built/Renovated** :  
**Linear Ft** : 520 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 28-Feb-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Bulkheads	\$1,904,100	
<b>Total</b>	<b>\$1,904,100</b>	
Priority A	\$1,723,600	
Priority B	\$180,600	
<b>Total</b>	<b>\$1,904,100</b>	

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Bulkheads	\$67,600			\$900
<b>Total</b>	<b>\$67,600</b>			<b>\$900</b>
Priority A				
Priority B	\$39,800			\$900
Priority C	\$27,800			
<b>Total</b>	<b>\$67,600</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**  
**BULKHEAD NORTH OF UNIVERSITY HEIGHTS BRIDGE**

**Asset # : 14496**

<b>Bulkheads</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>	
<b>Structural</b>								
Coping/Curb Timber	100%	Now	\$27,800	LIFE	**	5	\$300	C
<i>Displaced Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Piles and Bracing								
No Component	55%							D
Not Accessible	45%							D
<hr/>								
Sheet Piles								
Steel	55%	Now	\$1,615,300	LIFE	**			A
<i>Corrosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Tidal Zone. Multiple Holes Through Sheeting</i>								
No Component	45%							D
<hr/>								
Pile Caps								
Concrete	100%	4+	\$108,200	LIFE	**	5	\$1,600	A
<i>Cracking, Extent : Light, Area Affected : 15%</i>								
<i>Location : Horizontal Crack 90 Ft From South, Approximately 20 Ft Long, General Outboard Face Map Cracking</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : 65 Ft From South, Approximately 10 Ft Long</i>								
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Along Top Of South Face</i>								
<i>Explanation : Impact Spalls</i>								
<hr/>								
<b>Backfill</b>								
Fill								
Topsoil	30%	Now	\$31,800	2065	**			B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Along North Side Of Structure Above Sheet Pile Wall</i>								
<i>Explanation : Fill Loss Through Deteriorated Steel Sheet Pile</i>								
Not Accessible	70%							D
<hr/>								
Surface								
Topsoil	70%			2024	\$18,600	5	\$1,700	B
Topsoil	30%	Now	\$8,000	2025	\$8,000	5	\$400	B
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 310-450 Ft From South</i>								
<i>Explanation : Fill Loss</i>								
<hr/>								
<b>Fender</b>								
Piles								
Timber	100%	Now	\$92,900	2040	**	4	\$12,500	B
<i>Displaced Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Wales and Chocks								
Timber	100%	Now	\$87,700	2040	**	4	\$28,200	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.

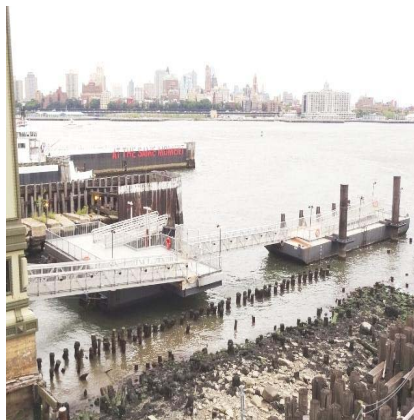
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE  
**Address** : SOUTH STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : 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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks	\$145,100	\$1,900
<b>Total</b>	<b>\$145,100</b>	<b>\$1,900</b>
Priority A	\$145,100	\$1,900
<b>Total</b>	<b>\$145,100</b>	<b>\$1,900</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Marinas/Docks	\$44,800	\$500	\$500	\$12,300
<b>Total</b>	<b>\$44,800</b>	<b>\$500</b>	<b>\$500</b>	<b>\$12,300</b>
Priority A	\$23,600			
Priority B	\$21,200	\$500	\$500	\$12,300
<b>Total</b>	<b>\$44,800</b>	<b>\$500</b>	<b>\$500</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**  
**BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE**  
**Asset # : 13891**

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	Priority Code
Access Walkways								
Gangways								
Aluminum	75%			2052	* *	1-3	\$39,100	B
Aluminum	25%	Now	\$12,000	2048	* *	1-3	\$10,000	B
<i>Handrail Damage, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Security Gate Dislodged At Top Of Southern Gangway</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Shore Access Gangway Dislodged From Connections And Out Of Alignment</i>								
<i>Explanation : Displacement</i>								
Floating Docks								
Fenders								
Rubber	100%			2021		1-2		C
<i>Worn, Extent : Light, Area Affected : 20%</i>								
<i>Location : Above Waterline Throughout</i>								
Barge								
Steel	75%			2035	* *	5		A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Above Waterline And In Splash Zone</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Gangway Landings</i>								
<i>Explanation : Abrasion</i>								
Not Accessible	25%							D
Deck Elements								
Railing								
Steel	100%			2021				A
Electrical								
Conduit								
PVC	95%			2019	\$37,000			A
PVC	5%	Now	\$1,900	2020	\$1,900			A
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At Gangway Landing At Southern Barge</i>								
<i>Explanation : Broken</i>								
Lighting Fixture								
Incandescent	20%	Now	\$21,600	2017	\$21,600			A
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : On South Barge And At Transition Gangway</i>								
<i>Explanation : Broken/ Missing</i>								
Incandescent	80%			2017	\$86,400			A
Movable Ramps								
Deck and Railing								
Steel	100%			2035	* *			A

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

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : CITY ISLAND FERRY DOCK  
**Address** : FORDHAM STREET  
**Borough** : BRONX Agency's Number : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks	\$621,700	\$489,500
<b>Total</b>	<b>\$621,700</b>	<b>\$489,500</b>
Priority A	\$621,700	\$489,500
<b>Total</b>	<b>\$621,700</b>	<b>\$489,500</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Marinas/Docks	\$65,800	\$4,500	\$300	
<b>Total</b>	<b>\$65,800</b>	<b>\$4,500</b>	<b>\$300</b>	
Priority A	\$65,800	\$4,500	\$300	
<b>Total</b>	<b>\$65,800</b>	<b>\$4,500</b>	<b>\$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**  
**CITY ISLAND FERRY DOCK**  
**Asset # : 13923**

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	Priority Code
Access Walkways								
Deck								
Timber	45%			2020	\$40,100	5	\$1,300	A
	<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout Top Of Deck</i>							
Timber	5%	4+	\$4,500	2022	\$4,500	5	\$100	A
	<i>Rotting, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout Timber Curb</i>							
Not Accessible	50%							D
Pile Caps								
Timber	60%			2042	* *	4		A
	<i>Splitting, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Isolated Throughout</i>							
Not Accessible	40%							D
Piles and Bracing								
Timber	7%	4+	\$3,400	2042	* *	4-5	\$500	A
	<i>Rotting, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Above Mhw</i>							
Timber	73%			2042	* *	4-5	\$9,700	A
Not Accessible	20%							D
Fender								
Piles								
Timber	35%	2-4	\$364,900	2027	* *			A
	<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Rotting, Splitting</i>							
Timber	15%	Now	\$156,400	2027	* *			A
	<i>Other Observation, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Broken</i>							
Timber	20%			2020	\$208,500			A
Not Accessible	30%							D
Wales and Chocks								
Timber	35%	Now	\$41,400	2023	\$82,700			A
	<i>Other Observation, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Rotting, Splitting</i>							
Timber	50%	2-4	\$59,100	2023	\$118,200			A
	<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Rotting, Splitting</i>							
Timber	15%			2023	\$35,500			A
Gallows Frames								

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

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority Code
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+	\$16,400	2031		**		A
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Connection Hardware</i>								
<i>Explanation : Corrosion</i>								
Timber	5%	4+	\$9,500	2031		**		A
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Gallows Frames Foundation Piles</i>								
<i>Explanation : Rotting</i>								
Timber	90%			2031		**		A
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Splitting</i>								
Movable Ramps								
Bearings								
Timber	100%			2031		**		A
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Steel Collars</i>								
<i>Explanation : Corrosion</i>								
Deck and Railing								
Timber Deck on Steel	40%			2031		**		A
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout Steel Deck Framing And Isolated On Rail</i>								
<i>Explanation : Corrosion</i>								
Timber Deck on Steel	60%	4+	\$32,000	2031		**		A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Top Of Deck</i>								
<i>Explanation : Surface Wearing</i>								

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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Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : E90TH ST FERRY LANDING  
**Address** : EAST RIVER ESPLANADE AT E90TH ST NORTH END OF CARL SCHURZ PARK  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks		\$640,700
<b>Total</b>		<b>\$640,700</b>
Priority A		\$640,700
<b>Total</b>		<b>\$640,700</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Marinas/Docks	\$5,900	\$20,400	\$10,100	\$3,500
<b>Total</b>	<b>\$5,900</b>	<b>\$20,400</b>	<b>\$10,100</b>	<b>\$3,500</b>
Priority A	\$3,400	\$20,300	\$10,000	\$1,000
Priority B	\$2,600	\$100	\$100	\$2,600
<b>Total</b>	<b>\$5,900</b>	<b>\$20,400</b>	<b>\$10,100</b>	<b>\$3,500</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**  
**E90TH ST FERRY LANDING**  
**Asset # : 14118**

System Component Type	Current Repair		Future Replacement		Maintenance		Priority Code
	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways							
Deck							
Timber	55%		2021	\$215,100	5	\$6,700	A
Not Accessible	45%						D
Gangways							
Aluminum	100%		2043	* *	1-3	\$10,900	B
Pile Caps							
Timber	40%		2043	* *	4	\$400	A
Not Accessible	60%						D
Piles and Bracing							
Timber	60%		2043	* *	4-5	\$21,500	A
Not Accessible	40%						D
Deck Elements							
Railing							
Steel	100%		2021	\$425,600			A
Electrical							
Lighting Fixture							
Incandescent	100%		2017	\$20,300			A
Fender							
Piles							
Timber	50%		2024				A
Not Accessible	50%						D
Wales and Chocks							
Timber	100%		2024				A

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

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : EAST 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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks	\$36,000	\$942,400
<b>Total</b>	<b>\$36,000</b>	<b>\$942,400</b>
Priority A	\$36,000	\$942,400
<b>Total</b>	<b>\$36,000</b>	<b>\$942,400</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Marinas/Docks	\$14,700	\$200	\$200	\$5,800
<b>Total</b>	<b>\$14,700</b>	<b>\$200</b>	<b>\$200</b>	<b>\$5,800</b>
Priority A	\$8,900			
Priority B	\$5,800	\$200	\$200	\$5,800
<b>Total</b>	<b>\$14,700</b>	<b>\$200</b>	<b>\$200</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**  
**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	\$24,500	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	\$7,500	A
Not Accessible	80%							D
Deck Elements								
Railing								
Steel	98%			2022	\$846,600			A
Steel	2%	Now	\$5,200	2022	\$17,300			A
		<i>Broken, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : At South Barge Berth S.2</i>						
Electrical								
Conduit								
Steel	60%			2022	\$78,500			A
PVC	40%			2020	\$30,400			A
Lighting Fixture								
Incandescent	100%			2018	\$36,000			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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : HART ISLAND FERRY DOCK  
**Address** : HART ISLAND  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0193.000 / 13892 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 :

CAPITAL	FY 2016 - 2019	FY 2020 - 2025
Marinas/Docks	\$1,073,100	\$402,300
<b>Total</b>	<b>\$1,073,100</b>	<b>\$402,300</b>
Priority A	\$1,073,100	\$402,300
<b>Total</b>	<b>\$1,073,100</b>	<b>\$402,300</b>

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$18,500			
<b>Total</b>	<b>\$18,500</b>			
Priority A	\$18,500			
<b>Total</b>	<b>\$18,500</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**  
**HART ISLAND FERRY DOCK**  
**Asset # : 13892**

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	Priority Code
Access Walkways								
Deck								
Timber	100%			2020		5		A
		<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Throughout Top Of Deck</i>						
Pile Caps								
Timber	100%			2042	* *	4		A
		<i>Splitting, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Isolated Throughout</i>						
Piles and Bracing								
Timber	70%			2042	* *	4-5		A
		<i>Splitting, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
Not Accessible	30%							D
Fender								
Facing								
Timber	20%	Now	\$16,000	2022	\$26,700			A
		<i>Other Observation, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Missing, Broken</i>						
Timber	30%	2-4	\$24,000	2022	\$40,000			A
		<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Rotting, Splitting</i>						
Timber	30%			2017	\$40,000			A
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Abrasion</i>						
No Component	20%							D
Piles								
Timber	30%	Now	\$380,900	2027	* *			A
		<i>Other Observation, Extent : Severe, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Broken, Rotting</i>						
Timber	40%	2-4	\$507,900	2027	* *			A
		<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Rotting, Splitting</i>						
Timber	10%			2020	\$127,000			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		Priority Code
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	\$62,600	2023	\$125,200			A
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Rotting, Splitting</i>								
Timber	40%	2-4	\$41,700	2023	\$83,400			A
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Rotting, Splitting</i>								
Gallows Frames								
Tower Frames								
Steel	2%	4+	\$6,600	2025	\$11,000			A
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Steel Connection Plates And Hardware</i>								
<i>Explanation : Corrosion</i>								
Timber	98%			2031	**			A
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracking, Splitting</i>								
Movable Ramps								
Bearings								
Timber	100%			2031	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Steel Collars</i>								
<i>Explanation : Corrosion</i>								
Deck and Railing								
Timber Deck on Steel	50%			2031	**			A
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Timber Deck And Timber Stringers</i>								
<i>Explanation : Weathering</i>								
Timber Deck on Steel	50%	4+	\$12,000	2031	**			A
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Timber Beams Beneath Timber Deck</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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ST. GEORGE FERRY TERMINAL FERRY SLIP 1  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks	\$321,200	\$7,087,300
<b>Total</b>	<b>\$321,200</b>	<b>\$7,087,300</b>
Priority A	\$321,200	\$7,087,300
<b>Total</b>	<b>\$321,200</b>	<b>\$7,087,300</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 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	Priority Code
Fender								
Facing								
Timber	5%	0-2	\$34,600	2022	\$34,600			A
	<i>Other Observation, Extent : Severe, Area Affected : 30%</i>							
	<i>Location : Isolated Throughout</i>							
	<i>Explanation : Loose Connections</i>							
Timber	10%	2-4	\$69,200	2022	\$69,200			A
	<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Abrasion</i>							
Timber	80%			2020	\$553,500			A
	<i>Other Observation, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Abrasion</i>							
Timber	5%	Now	\$34,600	2022	\$34,600			A
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Missing</i>							
Piles								
Timber	5%	Now	\$100,200	2027		* *		A
	<i>Other Observation, Extent : Severe, Area Affected : 75%</i>							
	<i>Location : Inshore Piles</i>							
	<i>Explanation : Broken</i>							
Timber	65%			2023	\$3,257,700			A
Not Accessible	30%							D
Wales and Chocks								
Timber	95%			2023	\$3,137,800			A
Timber	5%	Now	\$82,600	2026		* *		A
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Inshore Fenders</i>							
	<i>Explanation : Broken Or Missing</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 : 24-Oct-2014

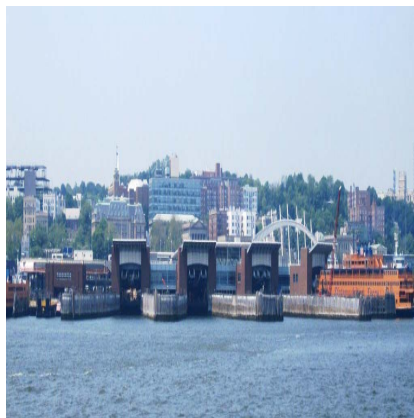
**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ST. GEORGE FERRY TERMINAL FERRY SLIPS 3 - 6  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**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** :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks	\$5,351,700	\$17,573,500
<b>Total</b>	<b>\$5,351,700</b>	<b>\$17,573,500</b>
Priority A	\$5,351,700	\$17,573,500
<b>Total</b>	<b>\$5,351,700</b>	<b>\$17,573,500</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	Priority Code
Fender								
Facing								
Timber	70%			2017	\$1,937,100			A
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Abrasion</i>								
Timber	20%	4+	\$166,000	2020	\$553,500			A
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Abrasion</i>								
Timber	5%	0-2	\$41,500	2020	\$138,400			A
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Loose Connections</i>								
Timber	5%	Now	\$41,500	2020	\$138,400			A
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Missing, Broken</i>								
Piles								
Timber	23%	0-2	\$2,305,500	2027		* *		A
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Offshore Clusters</i>								
<i>Explanation : Broken</i>								
Timber	40%			2023	\$8,019,000			A
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Top Of Piles</i>								
<i>Explanation : Splitting</i>								
Timber	2%	Now	\$120,300	2023	\$401,000			A
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Slip 4 North Fender Rack At Offshore And Isolated Throughout</i>								
<i>Explanation : Broken Piles</i>								
Not Accessible	35%							D
Wales and Chocks								
Timber	40%			2023	\$5,284,600			A
Timber	23%	0-2	\$607,700	2023	\$3,038,700			A
<i>Other Observation, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Rotting, Splitting</i>								
Timber	2%	Now	\$132,100	2027		* *		A
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Broken</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Gallows Frames							
Tower Frames							
Steel	100%			2031	* *		A
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
		<i>Location : Throughout</i>					
		<i>Explanation : Coating Loss and Corrosion</i>					
Movable Ramps							
Bearings							
Not Accessible	100%						D
Deck and Railing							
Steel	70%			2031	* *		A
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
		<i>Location : Throughout</i>					
		<i>Explanation : Coating Loss. Ramp Surfaces Are 50/50 Asphalt/ Steel</i>					
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 : 24-Oct-2014

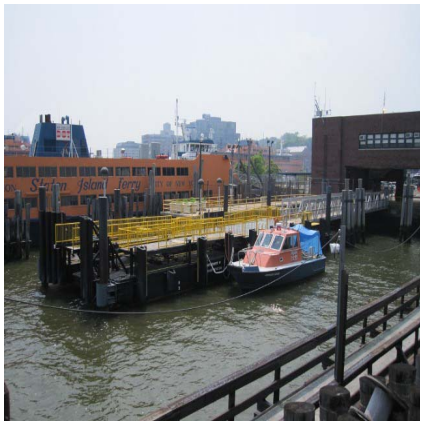
**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ST. GEORGE FERRY TERMINAL SLIP 7 - FAST FERRY BARGE  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0192.040 / 13897 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,000 **Project Type** : FERRIES  
**Date of Survey** : 01-Jun-2011 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**  
 Priority  
**Total**

EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019
Marinas/Docks	\$700	\$100	\$100	\$2,500
<b>Total</b>	<b>\$700</b>	<b>\$100</b>	<b>\$100</b>	<b>\$2,500</b>
Priority B	\$700	\$100	\$100	\$2,500
<b>Total</b>	<b>\$700</b>	<b>\$100</b>	<b>\$100</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**  
**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	Priority Code
Access Walkways								
Gangways								
Aluminum	100%	4+	\$700	2048	**	1-3	\$8,100	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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ST. GEORGE FERRY TERMINAL SLIP 8 & 69TH STREET  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks	\$1,927,700	\$759,300
<b>Total</b>	<b>\$1,927,700</b>	<b>\$759,300</b>
Priority A	\$1,927,700	\$759,300
<b>Total</b>	<b>\$1,927,700</b>	<b>\$759,300</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Marinas/Docks	\$14,900			
<b>Total</b>	<b>\$14,900</b>			
Priority A	\$14,900			
<b>Total</b>	<b>\$14,900</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**  
**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	\$583,800	2027		**		A
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout Both Slips</i>								
<i>Explanation : Mechanical Damage</i>								
Timber	40%	0-2	\$583,800	2027		**		A
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Mechanical Damage</i>								
Not Accessible	20%							D
Wales and Chocks								
Timber	40%	Now	\$253,100	2027		**		A
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Splitting/ Rotting</i>								
Timber	50%	2-4	\$316,400	2023	\$632,800			A
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Splitting/ Rotting</i>								
Timber	10%			2020	\$126,600			A
Gallows Frames								
Tower Frames								
Timber	100%	2-4	\$190,700	2037		**		A
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : 69th Street Slip</i>								
<i>Explanation : Splitting/ Rotting</i>								
Movable Ramps								
Deck and Railing								
Steel	50%	0-2	\$14,900	2035		**		A
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Base Of Ramp At Slip 8</i>								
<i>Explanation : Break In Frame And Broken Weld In Rail</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, & PHANTOM  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks	\$89,500	\$1,006,800
<b>Total</b>	<b>\$89,500</b>	<b>\$1,006,800</b>
Priority A	\$89,500	\$1,006,800
<b>Total</b>	<b>\$89,500</b>	<b>\$1,006,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Marinas/Docks	\$29,400			
<b>Total</b>	<b>\$29,400</b>			
Priority A	\$29,400			
<b>Total</b>	<b>\$29,400</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**  
**ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, & PHANTOM**

**Asset # : 13899**

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	Priority Code
Access Walkways								
Deck								
Concrete	100%			2031	* *	5		A
<i>Cracking, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout All Slips</i>								
Piles and Bracing								
Steel	50%			2042	* *	5-10		A
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : In Tidal Zone And Splash Zone Throughout All Berths</i>								
<i>Missing Coating, Extent : Light, Area Affected : 40%</i>								
<i>Location : All Three Ramps</i>								
Not Accessible	50%							D
Fender								
Facing								
Timber	8%	4+	\$11,400	2022	\$19,000			A
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout Above Mlw Elevation</i>								
<i>Explanation : Abrasion</i>								
Timber	75%			2020	\$177,900			A
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Abrasion</i>								
Timber	10%	4+	\$14,200	2020	\$23,700			A
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Above Mlw Elevation And Along Tops Of Panels</i>								
<i>Explanation : Checking/splitting</i>								
Timber	2%	Now	\$2,800	2022	\$4,700			A
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : One Timber At Berth B-1 And One At Berth B-2</i>								
<i>Explanation : Broken</i>								
Not Accessible	5%							D
Piles								
Steel	10%	4+	\$34,500	2023	\$68,900			A
<i>Corrosion, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At Hardware Connections In Tidal Zone</i>								
Steel	20%	4+	\$13,800	2023	\$137,800			A
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Above Mlw Elevation Throughout All Slips</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Above Mlw Elevation Throughout All Slips</i>								
Steel	30%			2023	\$206,800			A
<i>Missing Coating, Extent : Light, Area Affected : 20%</i>								
<i>Location : Above Splash Zone Throughout All Slips</i>								
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		Priority Code
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority Code
Fender								
Wales and Chocks								
Timber	20%	4+	\$37,500	2023	\$75,100			A
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Splitting</i>								
Timber	78%			2023	\$292,900			A
Timber	2%	Now	\$3,800	2027	**			A
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated Throughout</i>								
<i>Explanation : Broken/ Missing</i>								
Gallows Frames								
Tower Frames								
Steel	100%			2035	**			A
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Isolated Throughout And At Support Brackets Slip B-1</i>								
<i>Explanation : Corrosion</i>								
Movable Ramps								
Deck and Railing								
Steel	99%			2031	**			A
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Isolated Throughout Slips B-1 And B-2 And Entirety Of Phantom</i>								
<i>Explanation : Coating Loss And Corrosion</i>								
Steel	1%	4+	\$900	2031	**			A
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Damaged Pin At Connection Of Finger Plates Slip B-1</i>								
<i>Explanation : Damaged Joint</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.

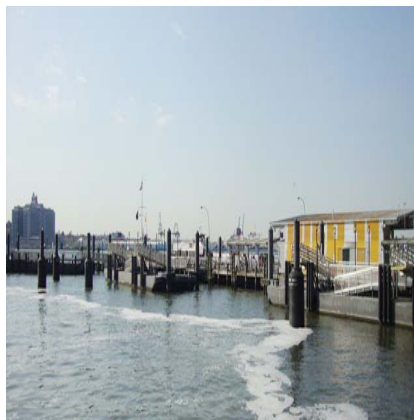
Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : WALL STREET FERRY PIER SLIPS A,C, & E NO. SIDE PIER 11  
**Address** : SOUTH OF THE FOOT OF WALL STREET @ THE EAST RIVER  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0200.000 / 14194 **Yr Built/Renovated** :  
**Area Sq Ft** : 748 **Project Type** : FERRIES  
**Date of Survey** : 10-Apr-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks	\$60,800	\$736,800
<b>Total</b>	<b>\$60,800</b>	<b>\$736,800</b>
Priority A	\$60,800	\$736,800
<b>Total</b>	<b>\$60,800</b>	<b>\$736,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Marinas/Docks	\$16,600	\$8,900	\$1,100	\$32,800
<b>Total</b>	<b>\$16,600</b>	<b>\$8,900</b>	<b>\$1,100</b>	<b>\$32,800</b>
Priority A	\$3,800	\$8,000		\$26,800
Priority B	\$5,300	\$200	\$200	\$5,300
Priority C	\$7,500	\$700	\$800	\$700
<b>Total</b>	<b>\$16,600</b>	<b>\$8,900</b>	<b>\$1,100</b>	<b>\$32,800</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**  
**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	Priority Code
Access Walkways								
Deck								
Steel	55%			2049	* *			A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Bottom Of Gangways</i>								
No Component	45%							D
Gangways								
Aluminum	100%			2049	* *	1-3	\$22,700	B
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Support Bracket Hardware At Pier Connection Of Slip A Gangway</i>								
<i>Explanation : Corrosion</i>								
Floating Docks								
Anchor Piles								
Steel	45%			2049	* *	3-5	\$15,700	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Above Mlw Elevation And Spud Piles At Slip E</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above Mlw Elevation</i>								
Not Accessible	55%							D
Fenders								
Rubber	25%			2021	\$2,400	1-2	\$1,900	C
Rubber	75%	4+	\$7,300	2023	\$7,300	1-2	\$5,000	C
<i>Worn, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Isolated At Fenders All Slips At North Side</i>								
Barge								
Steel	40%			2032	* *	5	\$15,900	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated On Barge Surface, And Along Sides Of Barges Above Mlw Elevation</i>								
Not Accessible	60%							D
Protective Structure								
Donut Fender								
Steel/Rubber	60%			2022				A
No Component	40%							D
Deck Elements								
Railing								
Steel	100%			2022	\$736,800			A
Electrical								
Conduit								
PVC	100%			2019	\$22,700			A
Lighting Fixture								
Incandescent	100%			2017	\$60,800			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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : WALL STREET FERRY PIER SLIPS B & D SOUTH SIDE PIER 11  
**Address** : SOUTH OF THE FOOT OF WALL STREET @THE EAST RIVER  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0200.010 / 14265 **Yr Built/Renovated** :  
**Area Sq Ft** : 500 **Project Type** : FERRIES  
**Date of Survey** : 10-Apr-2012 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks	\$36,000	\$580,800
<b>Total</b>	<b>\$36,000</b>	<b>\$580,800</b>
Priority A	\$36,000	\$580,800
<b>Total</b>	<b>\$36,000</b>	<b>\$580,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Marinas/Docks	\$8,000	\$5,800	\$400	\$19,300
<b>Total</b>	<b>\$8,000</b>	<b>\$5,800</b>	<b>\$400</b>	<b>\$19,300</b>
Priority A	\$2,400	\$5,400		\$15,400
Priority B	\$3,600	\$200	\$200	\$3,600
Priority C	\$2,100	\$300	\$300	\$300
<b>Total</b>	<b>\$8,000</b>	<b>\$5,800</b>	<b>\$400</b>	<b>\$19,300</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 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	Priority Code
Access Walkways								
Deck								
Steel	53%			2049	**			A
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : On Gangway Supports And At Bottom Of Gangways</i>								
No Component	45%							D
Not Accessible	2%							D
Gangways								
Aluminum	100%			2049	**	1-3	\$15,200	B
Floating Docks								
Anchor Piles								
Steel	45%			2049	**	3-5	\$7,800	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Above Mlw Elevation</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above Mlw Elevation</i>								
Not Accessible	55%							D
Fenders								
Rubber	50%	2-4	\$1,900	2023	\$1,900	1-2	\$1,300	C
<i>Worn, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Fenders On East Side Of Slip D</i>								
Rubber	50%			2021	\$1,900	1-2	\$1,500	C
Barge								
Steel	40%			2032	**	5	\$10,800	A
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated On Barge Surface At Slip D, And Along Sides Of Barges Above The Waterline</i>								
Not Accessible	60%							D
Deck Elements								
Railing								
Steel	100%			2022	\$580,800			A
Electrical								
Conduit								
PVC	100%			2019	\$13,400			A
Lighting Fixture								
Incandescent	100%			2017	\$36,000			A
Fender								
Piles								
Timber	30%			2027	**			A
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : In Tidal Zone</i>								
<i>Explanation : Worn</i>								
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	Priority Code
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks	\$315,100	\$945,600
<b>Total</b>	<b>\$315,100</b>	<b>\$945,600</b>
Priority A	\$315,100	\$945,600
<b>Total</b>	<b>\$315,100</b>	<b>\$945,600</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Marinas/Docks	\$25,800	\$2,400	\$2,300	\$17,200
<b>Total</b>	<b>\$25,800</b>	<b>\$2,400</b>	<b>\$2,300</b>	<b>\$17,200</b>
Priority A	\$800			
Priority B	\$15,500	\$700	\$700	\$15,500
Priority C	\$9,400	\$1,700	\$1,600	\$1,700
<b>Total</b>	<b>\$25,800</b>	<b>\$2,400</b>	<b>\$2,300</b>	<b>\$17,200</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**  
**WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER**

**Asset # : 14195**

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								
Deck								
Steel	15%			2043	* *			A
No Component	85%							D
Gangways								
Aluminum	100%			2043	* *	1-3	\$65,900	B
Piles and Bracing								
Steel	50%			2043	* *	5-10	\$1,100	A
		<i>Corrosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Above Mlw</i>						
		<i>Missing Coating, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Above Mlw</i>						
Not Accessible	50%							D
Floating Docks								
Anchor Piles								
Steel	50%			2043	* *	3-5		A
		<i>Corrosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Above Mlw</i>						
		<i>Missing Coating, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Above Mlw</i>						
Not Accessible	50%							D
Fenders								
Rubber	60%			2021	\$12,900	1-2	\$10,000	C
Rubber	40%	2-4	\$8,600	2023	\$8,600	1-2	\$5,900	C
		<i>Worn, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : At Contact Point With Ferries</i>						
Railing								
Steel	99%			2021	\$808,500			A
Steel	1%	Now	\$800	2021	\$8,200			A
		<i>Broken, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Chain At North End Of Terminal, Slip 6</i>						
		<i>Missing Components, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Chain At South End Of Terminal, Slip 1</i>						
Barge								
Steel	50%			2032	* *	5	\$71,900	A
		<i>Corrosion, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Isolated Throughout Top And Sides Of Barges</i>						
		<i>Displaced Component, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Up To 2 Inch At Connections Between Center Barge And North &amp; South Barges. Ferry Side Beyond Railing.</i>						
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : On Side Of Barge, Northeast Corner</i>						
		<i>Explanation : Impact Damage In Center Barge</i>						
Not Accessible	50%							D
Electrical								
Conduit								
Steel	100%			2021	\$68,900			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		Priority Code
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	\$243,100			A
Electrical/Mech.								
Power Supply/Bollards								
Steel	100%			2021	\$13,700			A
Fender								
Piles								
Timber	20%			2024	\$24,100			A
		<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Wear</i>						
Timber	25%	Now	\$30,100	2028		**		A
		<i>Other Observation, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : At North Dolphin</i>						
		<i>Explanation : Broken Piles</i>						
Timber	5%	2-4	\$6,000	2028		**		A
		<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : At South Dolphin</i>						
		<i>Explanation : Abrasion Damage And Broken Wire Rope</i>						
Not Accessible	50%							D
Movable Ramps								
Deck and Railing								
Steel	100%			2032		**		A

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

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

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

Print Date : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : 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 :

<b>CAPITAL</b>	<b>FY 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks	\$3,491,000	\$12,239,300
<b>Total</b>	<b>\$3,491,000</b>	<b>\$12,239,300</b>
Priority A	\$3,491,000	\$12,239,300
<b>Total</b>	<b>\$3,491,000</b>	<b>\$12,239,300</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**  
**WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3**

**Asset # : 13889**

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	Priority Code
Access Walkways								
Deck								
Concrete	30%			2031	* *	5		A
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Isolated Throughout</i>						
Concrete	15%			2025		5		A
		<i>Cracking, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Service Apron Slip 2</i>						
Timber	5%			2020		5		A
Not Accessible	50%							D
Piles and Bracing								
Steel	40%			2042	* *	5-10		A
		<i>Corrosion, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Above Mlw</i>						
Not Accessible	60%							D
Fender								
Facing								
Timber	5%	Now	\$62,300	2020	\$103,800			A
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Missing, Broken</i>						
Timber	20%	2-4	\$249,100	2020	\$415,100			A
		<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Abrasion</i>						
Timber	75%			2017	\$1,556,600			A
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Abrasion</i>						
Piles								
Timber	5%	Now	\$375,900	2027	* *			A
		<i>Other Observation, Extent : Severe, Area Affected : 40%</i>						
		<i>Location : Offshore Clusters</i>						
		<i>Explanation : Broken</i>						
Timber	10%	4+	\$751,800	2027	* *			A
		<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Pile Tops Throughout</i>						
		<i>Explanation : Splitting</i>						
Timber	45%			2023	\$6,766,000			A
Not Accessible	40%							D
Wales and Chocks								
Timber	10%	2-4	\$495,400	2027	* *			A
		<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>						
		<i>Location : Isolated Throughout</i>						
		<i>Explanation : Splitting</i>						
Timber	50%			2023	\$4,954,300			A
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**  
**WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3**

**Asset # : 13889**

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	Priority Code
Gallows Frames								
Tower Frames								
Steel	100%			2031	* *			A
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Isolated Throughout</i>								
<i>Explanation : Coating Damage</i>								
Movable Ramps								
Bearings								
Not Accessible	100%							D
Deck and Railing								
Steel	69%			2031	* *			A
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Coating Loss On Railing</i>								
Steel	1%			2031	* *			A
<i>Other Observation, Extent : Light, Area Affected : 66%</i>								
<i>Location : Slips 2 And 3. Slip 1 Is All Steel</i>								
<i>Explanation : 50/50 Asphalt Surface/ Steel Grating</i>								
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 : 24-Oct-2014

**DEPARTMENT OF TRANSPORTATION - FY 2015**

**Asset Name** : YANKEE STADIUM FERRY LANDING  
**Address** : OFFSHORE OF YANKEE STADIUM PARKING LOT NO 3. EXIT 6 OFF 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 2016 - 2019</b>	<b>FY 2020 - 2025</b>
Marinas/Docks		\$276,800
<b>Total</b>		<b>\$276,800</b>
Priority A		\$276,800
<b>Total</b>		<b>\$276,800</b>

<b>EXPENSE</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Marinas/Docks	\$2,800	\$11,300	\$500	\$2,800
<b>Total</b>	<b>\$2,800</b>	<b>\$11,300</b>	<b>\$500</b>	<b>\$2,800</b>
Priority A	\$700	\$11,200		\$700
Priority B	\$2,000	\$100	\$100	\$2,000
Priority C	\$100	\$100	\$300	\$100
<b>Total</b>	<b>\$2,800</b>	<b>\$11,300</b>	<b>\$500</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**  
**YANKEE STADIUM FERRY LANDING**  
**Asset # : 14196**

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									
Steel	100%			2043	* *	1-3	\$8,600	B	
<i>Corrosion, Extent : Light, Area Affected : 15%</i>									
<i>Location : At Underside And Along Surface Of East And West Gangways</i>									
Floating Docks									
Anchor Piles									
Steel	50%			2043	* *	3-5	\$2,900	A	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>									
<i>Location : Above Waterline</i>									
<i>Other Observation, Extent : Light, Area Affected : 20%</i>									
<i>Location : Above Waterline</i>									
<i>Explanation : Abrasion</i>									
Not Accessible	50%							D	
Deck									
Steel	100%			2021			\$2,500	A	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>									
<i>Location : Surface And Underside Of Elevated Platform</i>									
Fenders									
Rubber	25%			2021		\$500	1-2	\$400	C
<i>Worn, Extent : Light, Area Affected : 2%</i>									
<i>Location : Rubber Tires At West Side</i>									
Rubber	25%			2022		\$500	1-2	\$400	C
<i>Worn, Extent : Light, Area Affected : 2%</i>									
<i>Location : North Face Of Barge</i>									
Timber	25%			2021		\$300	3	\$800	C
<i>Worn, Extent : Light, Area Affected : 10%</i>									
<i>Location : South Face Of Barge</i>									
No Component	25%							D	
Barge									
Steel	60%			2032	* *	5	\$5,700	A	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>									
<i>Location : Along Sides Of Barge Above The W. L. And Isolated At Barge Surface</i>									
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Barge Listing To The Southwest</i>									
<i>Explanation : Listing</i>									
Not Accessible	40%							D	
Deck Elements									
Railing									
Steel	100%			2021			\$276,800	A	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>									
<i>Location : Isolated Throughout</i>									
Electrical									
Conduit									
Steel	100%			2022			\$14,100	A	
Lighting Fixture									
Sodium	100%			2017			\$8,300	A	

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## DEPARTMENT OF TRANSPORTATION - 841

## Project : HIGHWAYS

CAPITAL		FY 2016 - 2019		FY 2020 - 2025	
Miscellaneous Buildings		264,400		72,600	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019	
Miscellaneous Buildings	212,400	17,000	20,600	24,600	

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
545	ARTERIAL & FLEET SERVICES SHED 2	1,000	0	17,700
546	ARTERIAL & FLEET SERVICES SHED 3	1,000	0	17,700
547	ARTERIAL & FLEET SERVICES SHED 4	1,000	0	17,700
548	ARTERIAL & FLEET SERVICES GUARD HOUSE 1	96	0	1,700
552	KENT AVENUE BRIDGE COMPLEX GARAGE 2	3,476	69,700	7,800
553	KENT AVENUE BRIDGE COMPLEX GARAGE 3	5,466	109,600	12,300
565	ARTERIAL & FLEET SERVICES STORAGE 2	1,073	0	19,000
566	ARTERIAL & FLEET SERVICES TRAILER 1	300	0	5,300
567	ARTERIAL & FLEET SERVICES TRAILER 2	224	0	4,000
568	ARTERIAL & FLEET SERVICES TRAILER 3	480	0	8,500
569	ARTERIAL & FLEET SERVICES TRAILER 4	480	0	8,500
570	ARTERIAL & FLEET SERVICES SHED 1	600	0	10,600
1014	GLENDALE YARD BLDG. 6	831	0	14,700
1015	GLENDALE YARD BLDG. 5	913	0	16,200
1016	GLENDALE YARD BLDG. 8	600	0	10,600
1017	GLENDALE YARD BLDG. 9	288	0	5,100
1023	KENT AVENUE BRIDGE COMPLEX GARAGE 4	2,699	54,100	6,100
1025	HAMILTON AVE. ASPHALT PLANT STORAGE	1,472	18,300	7,800
1026	HAMILTON AVE. ASPHALT PLANT STORAGE	96	0	1,700
1027	FLATLANDS AVENUE YARD GARAGE 7	105	0	1,900
1037	FLATLANDS AVENUE YARD GARAGE 3	480	0	8,500
1038	FLATLANDS AVENUE YARD GARAGE 4	1,000	0	17,700
1039	FLATLANDS AVENUE YARD GARAGE 5	1,000	0	17,700
1040	FLATLANDS AVENUE YARD GARAGE 6	576	0	10,200
2728	KENT AVENUE BRIDGE COMPLEX GARAGE 5	891	0	15,800
14124	BROOKLYN ARTERIAL HWYS GARAGE	4,250	85,200	9,600

## Project : WATERWAY BRIDGES

CAPITAL		FY 2016 - 2019		FY 2020 - 2025	
Special Systems		0		0	
EXPENSE	FY 2016	FY 2017	FY 2018	FY 2019	
Special Systems	11,759,000	12,007,000	12,267,000	14,647,000	

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2462	MANHATTAN BRIDGE MANHATTAN BRIDGE/EAST RIVER	1,203,814	0	11,838,000

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**DEPARTMENT OF TRANSPORTATION - 841**

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2463	WILLIAMSBURG BRIDGE WILLIAMSBURG BR/EAST RIVER	741,020	0	13,443,000
2464	QUEENSBORO BRIDGE QUEENSBORO BR/EAST RIVER	1,287,107	0	14,056,000
2815	BROOKLYN BRIDGE BROOKLYN BRIDGE/I-278 BQE	633,015	0	11,343,000

**Project : FERRIES**

CAPITAL		FY 2016 - 2019		FY 2020 - 2025	
Special Systems		31,800,000		0	
EXPENSE		FY 2016	FY 2017	FY 2018	FY 2019
Special Systems		6,365,000	5,948,000	0	0

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
1018	FERRY-JOHN F. KENNEDY		2,000,000	83,000
1021	FERRY-ANDREW J. BARBIERI		6,400,000	2,466,000
1022	FERRY-SAMUEL I. NEWHOUSE		6,400,000	2,466,000
4307	FERRY-ALICE AUSTEN		2,000,000	1,150,000
4308	FERRY-JOHN A. NOBLE		2,000,000	1,150,000
4538	FERRY-MOLINARI		2,500,000	166,000
4539	FERRY-MARCHI		5,000,000	2,166,000
4540	FERRY-SPIRIT		5,500,000	2,666,000

**Project : ELECTRIC CONTROL**

CAPITAL		FY 2016 - 2019		FY 2020 - 2025	
Special Systems		46,000,000		0	
EXPENSE		FY 2016	FY 2017	FY 2018	FY 2019
Special Systems		23,650,000	23,650,000	23,650,000	23,650,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2829	STREET LIGHTING SYSTEM		46,000,000	94,600,000

**Project : HIGHWAYS**

CAPITAL		FY 2016 - 2019		FY 2020 - 2025	
Special Systems		2,235,860,000		0	
EXPENSE		FY 2016	FY 2017	FY 2018	FY 2019
Special Systems		0	0	0	0

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2841	STREETS AND HIGHWAYS PRIMARY		375,630,000	0
2842	STREETS AND HIGHWAYS SECONDARY		530,380,000	0
2843	STREETS AND HIGHWAYS LOCAL		1,263,260,000	0
2844	STREETS AND HIGHWAYS ARTERIAL		40,000,000	0
2845	STREETS AND HIGHWAYS STEP		26,590,000	0

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## DEPARTMENT OF TRANSPORTATION - 841

Project : TRAFFIC

CAPITAL		FY 2016 - 2019		FY 2020 - 2025	
Special Systems		11,420,000		0	
EXPENSE		FY 2016	FY 2017	FY 2018	FY 2019
Special Systems		33,619,000	33,619,000	33,619,000	33,619,000
ASSET #	NAME	SQFT		CAPITAL	EXPENSE
2830	TRAFFIC LIGHT SYSTEM			11,420,000	134,476,000

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