

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : EAST 34 ST. FERRY TERMINAL / EAST 35 ST. PIER
Address : EAST RIVER AT 34TH STREET
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0199.010 / 14223 **Yr Built/Renovated** : 2010 /
Area Sq Ft : 7,600 **Project Type** : FERRIES
Date of Survey : 29-Jul-2015 **Landmark Status** : NONE
Areas Surveyed : Floors 1
Block : 966 **Lot** : 50 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$800,400
Interior Architecture		\$638,100
Total		\$1,438,400
Importance Code A		\$800,400
Importance Code B		\$532,500
Importance Code C		\$105,600
Total		\$1,438,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$26,300			
Interior Architecture		\$19,400		
Electrical	\$800	\$700	\$700	\$2,400
Mechanical	\$300	\$100	\$300	\$100
Total	\$27,300	\$20,100	\$1,000	\$2,500
Importance Code A	\$26,400		\$100	
Importance Code B	\$900	\$20,100	\$900	\$2,500
Total	\$27,300	\$20,100	\$1,000	\$2,500



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

Maintenance \$ are aggregated over a ten-year period. Site 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 34 ST. FERRY TERMINAL / EAST 35 ST. PIER

Asset # : 14223

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Exposed Struc: Steel	45%			LIFE	**	5	\$349,100	
Metal/Glass Curt Wall	17%			LIFE	**	5	\$79,100	
Metal Panel	30%	4+	\$10,700	2052	**	5	\$139,700	
<i>Deteriorated Finish, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Window Wall	2%			2052	**	5	\$18,600	
Wood	6%	4+	\$15,600	2043	**	5	\$37,200	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Ticket Booth Facade</i>								
Windows								
Aluminum	100%			2048	**	5		
Roof								
Single Ply Membrane	92%			2034	**	10	\$195,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Light Weight Fabric Structure</i>								
Not Accessible	8%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Roof Atop Ticket Booth - Inaccessible assume Concrete Deck</i>								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$338,900	
Vinyl Tile	50%			2034	**	3	\$58,100	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	**	5	\$42,200	
Gypsum Board	50%			LIFE	**	5	\$63,300	
Ceilings								
Exposed Struc: Steel	50%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : Metal Decking</i>								
Gypsum Board	50%			LIFE	**	5	\$193,600	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2052	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 400 Amperes</i>								

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DEPARTMENT OF TRANSPORTATION - 841
EAST 34 ST. FERRY TERMINAL / EAST 35 ST. PIER

Asset # : 14223

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2052	* *	5	\$200	
Raceway								
Conduit	100%			2052	* *	1		
Panelboards								
Molded Case Bkrs	100%			2048	* *	5	\$200	
Wiring								
Thermoplastic	100%			2052	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$100	
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	\$2,300	
Generators								
Diesel	100%			2039	* *	1	\$2,900	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Generator Room</i>					
			<i>Explanation : Emergency Generator Rated @ 77 Kw</i>					
Batteries								
Lead/Acid	100%			2021	\$1,500	5	\$300	
Fuel Storage								
Main Tank	100%			2061	* *	5	\$200	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Generator Room</i>					
			<i>Explanation : No Available Nameplate Rating Capacity</i>					
Lighting								
Interior Lighting								
Fluorescent	100%			2034	* *	10	\$7,000	
			<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout The Building</i>					
Egress Lighting								
Emergency, Service	50%			2034	* *	1		
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	100%			2034	* *	10		
Alarm								
Security System								
No Component	50%							
Generic	50%			2034	* *	1	\$1,400	
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Outside</i>					
			<i>Explanation : Cctv Surveillance Cameras</i>					

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DEPARTMENT OF TRANSPORTATION - 841
EAST 34 ST. FERRY TERMINAL / EAST 35 ST. PIER

Asset # : 14223

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
Heating							
Energy Source							
Electricity	15%			2052	**	1	
No Component	85%						
Conversion Equipment							
Heat Pump	10%			2030	**	2	\$200
Radiant Heater	5%			2034	**	2	\$200
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
		<i>Location : Utility Room</i>					
		<i>Explanation : 1 Unit</i>					
No Component	85%						
Terminal Devices							
Fan Coil Unit/Heat	10%			2034	**	1	\$300
No Component	90%						
Air Conditioning							
Energy Source							
Electricity	10%			2048	**	1	
No Component	90%						
Conversion Equipment							
Heat Pump	10%			2030	**	2	
		<i>R-134a Refrigerant, Extent : Light, Area Affected : 10%</i>					
		<i>Location : Ticket Office Roof</i>					
No Component	90%						
Terminal Devices							
Fan Coil - Cool/Heat	10%			2034	**	1	\$300
No Component	90%						
Heat Rejection							
Air Condenser Unit	10%			2034	**	2	\$500
No Component	90%						
Ventilation							
Distribution							
Ductwork/Diffusers	10%			LIFE	**	2-5	\$400
No Component	90%						
Exhaust Fans							
Roof	10%			2034	**	2	
No Component	90%						
Plumbing							
H/C Water Piping							
Brass/Copper	10%			2052	**	1	
No Component	90%						
Water Heater							
Not Accessible	100%						
Sanitary Piping							
Cast Iron	10%			LIFE	**	1	
No Component	90%						
Backflow Preventer							
No Component	90%						
Generic	10%			2034	**	1	\$100

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**DEPARTMENT OF TRANSPORTATION - 841
EAST 34 ST. FERRY TERMINAL / EAST 35 ST. PIER**

Asset # : 14223

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	Priority
Plumbing								
Fixtures								
Generic	100%							

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Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : ST. GEORGE STATION FERRY, BUS, TRAIN TERMINAL
Address : 1 RICHMOND TERRACE @ BAY ST.
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 : 16-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 2 **Lot** : 1 **BIN** : 5141706

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$733,000	\$1,826,700
Interior Architecture	\$931,200	\$538,000
Electrical	\$166,400	\$252,900
Mechanical	\$36,500	\$948,700
Total	\$1,867,100	\$3,566,300
Importance Code A	\$733,000	\$1,826,700
Importance Code B	\$1,134,100	\$1,739,600
Total	\$1,867,100	\$3,566,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$50,700	\$18,400		
Interior Architecture	\$22,700	\$10,100	\$19,700	
Electrical	\$27,700	\$39,800	\$27,200	\$45,700
Mechanical	\$137,400	\$93,900	\$166,800	\$85,900
Elevators/Escalators	\$15,200	\$15,200	\$15,200	\$15,200
Total	\$253,700	\$177,300	\$229,000	\$146,800
Importance Code A	\$63,100	\$33,800	\$12,400	\$18,700
Importance Code B	\$190,600	\$143,600	\$199,900	\$128,200
Importance Code C			\$16,700	
Total	\$253,700	\$177,300	\$229,000	\$146,800



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

Asset # : 2420

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	1%			LIFE	**	5	\$1,800	
Masonry: Brick	30%			LIFE	**	5	\$88,400	
Metal, Corrugated	30%			2046	**	1		
Metal/Glass Curt Wall	25%			LIFE	**	5	\$138,100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Restaurant On First Floor</i>								
Metal Panel	10%			2046	**	5-10	\$202,500	
Metal Coiling Doors	4%			2039	**	5	\$36,800	
Windows								
Aluminum	80%			2042	**	5	\$8,800	
Metal Louvers	15%			2035	**	10	\$10,300	
Steel	5%	Now	\$14,300	2048	**	5	\$3,400	
<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>								
Parapets								
Masonry: Brick	20%			LIFE	**	5	\$3,400	
Metal Panel	10%	4+	\$12,900	2046	**	5	\$3,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Slip</i>								
Metal Rail	70%			2039	**	5-10	\$212,800	
Roof								
Asphalt Macadam	15%	Now	\$23,400	2021	\$234,400	5	\$22,900	
<i>Cracking/Crumbling, Extent : Moderate, 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>								
Cast in Place Concrete	10%			LIFE	**			
Metal Panel	15%			2039	**	10	\$125,900	
Modified Bitumen	40%	Now	\$106,400	2026	\$1,064,300			
<i>Blisters, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Retail On First Floor</i>								
<i>Ponding, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Retail On First Floor</i>								
Paver: Asphalt	10%	Now	\$81,900	2035	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over First Floor Corridor</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over First Floor Corridor</i>								
Sloped Glazing	5%			LIFE	**	5	\$305,100	
Not Accessible	5%							
<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>								

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

Asset # : 2420

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$106,800	
<i>Other Observation, Extent : Light, 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	60%	0-2	\$850,000	2035	**	5	\$73,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Concourses</i>								
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Concourses</i>								
<i>Explanation : Laid Over Old Terrazzo Flooring</i>								
Steel Grating	5%			2052	**	1		
Terrazzo	3%			LIFE	**	5	\$5,700	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Main Waiting Room</i>								
<i>Explanation : Inlaid Harbor Map</i>								
Terrazzo	2%	Now	\$22,700	LIFE	**	5	\$3,800	
<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>								
Vinyl Tile	10%			2026		3	\$9,200	
Interior Walls								
Ceramic Tile	20%			2035	**	5	\$33,400	
Concrete Masonry Unit	15%			LIFE	**	5	\$10,000	
Glass: Special Gauge	10%			LIFE	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ferry Waiting Room</i>								
<i>Explanation : Double Glazed Glass Enclosure And Sliding Boarding Doors</i>								
Gypsum Board	30%			LIFE	**	5	\$30,000	
SGFT/Glazed Masonry	25%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	10%			2039	**	5	\$20,100	
Exposed Concrete	20%			LIFE	**	5	\$6,300	
Exposed Struc: Steel	10%			LIFE	**			
Gypsum Board	40%	Now	\$81,200	LIFE	**	5	\$100,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Main Concourse And Retail</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Main Concourse And Retail</i>								
Metal Panel	20%			LIFE	**	5	\$50,300	

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

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

Asset # : 2420

Electrical	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Over 600 Volts							
Service Equipment							
Air Circuit Breaker	100%			2046	**	3	\$1,000
Transformers							
Dry Type	100%			2039	**	3	\$2,100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Electrical Room</i>							
<i>Explanation : Two 2000 Kva 4160 Volts To 120/208 Volts</i>							
Feeders							
Cable	100%			2042	**	1	
Raceway							
Conduit	90%			2046	**	1	
Tray	10%			2039	**	1	
Under 600 Volts							
Service Equipment							
Molded Case Bkrs	100%			2046	**	5	\$7,300
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Electrical Room</i>							
<i>Explanation : Six 4000 Amps, Four 3200 Amps And Two 2000 Amp Main Disconnect Switch For Tenant Spaces</i>							
Switchgear / Switchboard							
Fused Disc Sw	20%			2046	**	5	\$200
Molded Case Bkrs	80%			2046	**	5	\$5,900
Raceway							
Conduit	90%			2046	**	1	
Tray	10%			2039	**	1	
Panelboards							
Fused Disc Sw	10%			2042	**	5	\$600
Molded Case Bkrs	90%			2042	**	5	\$6,600
Wiring							
Thermoplastic	100%			2046	**	1	
Motor Controllers							
Locally Mounted	50%			2039	**	5	\$900
Motor Control Center	50%			2039	**	5	\$3,800
<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Mechanical Room</i>							
<i>Explanation : All Motor Controlled Via Variable Frequency Drives And Connected To Building Management System</i>							
Ground							
Grounding Devices							
Generic	100%			LIFE	**	5	\$4,100
Stand-by Power							
Transfer Switches							
Automatic	50%			2039	**	1	\$42,900
Automatic	50%			2046	**	1	\$42,900
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>							
<i>Location : Electrical Room</i>							

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

Asset # : 2420

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Generators								
Diesel	45%			2035	**	1	\$48,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior</i>								
<i>Explanation : 1000 Kva Diesel Generator</i>								
Diesel	45%			2041	**	1	\$48,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 400 Kw</i>								
Diesel	10%			2029	**	1	\$10,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Slips</i>								
<i>Explanation : Four Portable Generators</i>								
Batteries								
Lead/Acid	100%			2019	\$1,500	5	\$10,300	
Fuel Storage								
Day Tank	20%			2042	**	5	\$10,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior</i>								
<i>Explanation : One 750 Gallon - Also Serves Boiler</i>								
Day Tank	20%			2051	**	5	\$10,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 275 Gallons</i>								
Main Tank	40%			2054	**	5	\$3,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Underground</i>								
<i>Explanation : One 4000 Gallons</i>								
Main Tank	20%			2041	**	5	\$1,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Fuel Storage Room</i>								
<i>Explanation : Two 5000, One 2000, Two 4000 And One 10000 Gallon Tanks For Generators, Vessels And Boilers</i>								
Lighting								
Interior Lighting								
Fluorescent	65%			2031	**	10	\$166,400	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
HID	35%			2031	**	10	\$3,200	
Egress Lighting								
Emergency, Service	50%			2031	**	1		
Exit, Service	50%			2031	**	1		

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

Asset # : 2420

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Exterior Lighting Fluorescent	5%			2031	**	10	\$1,300	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pedestrian Ramp</i>								
HID	95%			2031	**	10	\$800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior</i>								
<i>Explanation : Controlled Via Photocell</i>								
Alarm								
Security System								
No Component	70%							
Generic	30%			2026		1	\$31,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	**	1-3	\$51,600	
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Interruptible Gas/Dual Fuel	100%			2046	**	1		
Conversion Equipment								
Hot Water Boiler	90%			2039	**	1	\$124,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : 3 Units</i>								
Radiant Heater	10%			2031	**	2	\$12,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Concourse</i>								
<i>Explanation : Gas Fired Radiant Heaters In Ceiling</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2042	**	4	\$20,600	
Terminal Devices								
Air Handler	50%			2031	**	1	\$86,300	
Convactor/Radiator	35%			2039	**	1	\$31,600	
Unit Heater-Stm/HW	15%			2031	**	4	\$5,700	
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		

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

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

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	Priority
Air Conditioning								
Conversion Equipment								
Absorption Chiller/Direct Fire	95%			2031	**	1	\$287,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mechanical Room</i>						
		<i>Explanation : 2 Units - Lithium Bromide Refrigerant</i>						
Split Unit	5%			2034	**			
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	**	4	\$20,600	
Terminal Devices								
Air Handler/Cool/Ht	100%			2031	**	1	\$172,600	
Heat Rejection								
Water Cooling Tower	100%	4+	\$16,000	2027	\$799,900	2	\$224,700	
		<i>Damaged, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Rooftop</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 4 Cooling Towers Service Both Chillers</i>						
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$155,600	
		<i>Dented, Extent : Light, Area Affected : 10%</i>						
		<i>Location : 2nd Floor Return Air</i>						
		<i>Not Insulated, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Indoor Ceiling</i>						
Exhaust Fans								
Interior	60%			2031	**	2	\$5,100	
Roof	40%			2026	\$30,200	2	\$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	**	1		
Water Heater								
Electric	100%			2024	\$43,200	4	\$1,600	
		<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		
Storm Drain Piping								
Cast Iron	100%	4+	\$19,500	LIFE	**	1		
		<i>Blockage /Clogged, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Roof</i>						
Sewage Ejector(s)								
Electric	100%			2031	**	4	\$2,500	
Backflow Preventer								
Generic	100%			2031	**	1	\$17,100	

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

Asset # : 2420

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	
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE		* *		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st to 2nd Floor</i>						
		<i>Explanation : Three Units, Two Passenger, One Freight</i>						
Escalators								
Under 20' Rise	100%			LIFE		* *		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st to 2nd Floor</i>						
		<i>Explanation : One Unit</i>						
Fire Suppression								
Standpipe								
Generic	100%			2046		* *	1-5	\$140,700
Sprinkler								
Generic	100%			2046		* *	1-2	\$78,200

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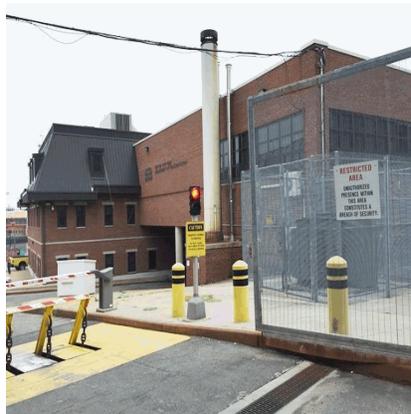
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : VESSEL MAINTENANCE FACILITY
Address : 1 BAY STREET @ FERRY TERMINAL
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 : 16-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2,3
Block : 1 **Lot** : 70 **BIN** : 5132949

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$285,800
Interior Architecture	\$131,300	\$174,700
Electrical		\$537,400
Mechanical	\$295,400	\$1,957,800
Total	\$426,700	\$2,955,700
Importance Code A		\$294,400
Importance Code B	\$426,700	\$2,661,300
Total	\$426,700	\$2,955,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$41,800	\$19,200		\$53,600
Interior Architecture	\$6,500		\$4,000	\$3,600
Electrical	\$1,600	\$2,700	\$1,900	\$2,600
Mechanical	\$10,500	\$10,800	\$46,500	\$20,800
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$68,300	\$40,600	\$60,300	\$88,500
Importance Code A	\$45,500	\$23,000	\$3,800	\$57,600
Importance Code B	\$20,800	\$17,700	\$55,400	\$30,900
Importance Code C	\$1,900		\$1,200	
Total	\$68,300	\$40,600	\$60,300	\$88,500



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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$37,600	
Masonry: Brick	35%	4+	\$31,700	LIFE	**	5	\$52,600	
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	45%			LIFE	**	5	\$67,600	
Metal Panel	10%			2046	**	5-10	\$103,300	
Metal Coiling Doors	5%			2039	**	5	\$23,500	
Windows								
Aluminum	100%			2048	**	5	\$20,200	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	85%			LIFE	**	5	\$4,500	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Metal Panel	10%			2046	**	5	\$2,100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$1,700	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	5%			2039	**	10	\$7,500	
Single Ply Membrane	30%			2031	**	10	\$24,500	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Upper Roof Area</i>								
Single Ply Membrane	65%			2034	**	10	\$53,000	
<i>Gravel/Stone Ballast, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lower Roof</i>								
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lower Roof Area</i>								
<i>Other Observation, Extent : Light, Area Affected : 95%</i>								
<i>Location : Main Roof Level</i>								
<i>Explanation : Photovoltaic Solar Panels</i>								
Interior								
Floors								
Cast in Place Concrete	70%	2-4	\$82,900	LIFE	**	5	\$174,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%			2035	**	5	\$5,700	
Vinyl Tile	25%	2-4	\$48,400	2031	**	3	\$10,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2035	**	5	\$2,300	
Concrete Masonry Unit	85%			LIFE	**	5	\$15,800	
Gypsum Board	10%	2-4	\$1,900	LIFE	**	5	\$2,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	25%	0-2	\$4,600	2039	**	5	\$14,300	
<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	65%			LIFE	**	5	\$11,600	
Gypsum Board	10%			LIFE	**	5	\$14,300	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	80%			2036	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 4000 Amps Main Disconnect Switch</i>								
Photovoltaic Panel(s)	20%			2029	**	1		
Transformers								
Dry Type	100%			2031	**	5	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 15 Kva 480hv-208y/120 Kva</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	**	5	\$400	
Raceway								
Conduit	100%			2036	**	1		
Panelboards								
Fused Disc Sw	10%			2034	**	5	\$200	
Molded Case Bkrs	90%			2034	**	5	\$2,000	
Wiring								
Thermoplastic	100%			2036	**	1		
Motor Controllers								
Locally Mounted	100%			2031	**	5	\$600	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$1,200	
Lighting								

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

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
Lighting								
Interior Lighting Fluorescent	70%			2034	* *	10	\$48,900	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
HID	30%			2026	\$155,600	10	\$700	
Egress Lighting								
Emergency, Battery	50%			2026	\$51,300	10	\$9,200	
Exit, Battery	50%			2026	\$17,500	10	\$2,600	
Exterior Lighting								
Fluorescent	20%			2026	\$54,400	10	\$1,600	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Entrance</i>						
HID	80%			2031	* *	10	\$200	
Alarm								
Security System								
No Component	80%							
Generic	20%			2026	\$51,300	1	\$6,400	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2026	\$175,800	1-3	\$10,500	
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2052	* *	1		
Conversion Equipment								
Furnace	70%			2034	* *	1	\$26,400	
Hot Water Boiler	5%			2024	\$8,600	1	\$1,900	
		<i>On Extended Life, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
Hot Water Boiler	25%			2043	* *	1	\$9,400	
Distribution								
Hot Wtr Piping/Pump	100%			2048	* *	4	\$3,800	
Terminal Devices								
Air Handler	60%	Now	\$49,200	2021	\$246,100	1	\$25,500	
		<i>Abandoned in Place, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Broken, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Air Handler Broken On 1st Floor</i>						
Fan Coil Unit/Heat	40%			2026	\$455,700	1	\$9,900	
		<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						

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

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	Priority
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2026	\$70,200	2	\$900	
Split Unit	70%			2031	* *			
Window/Wall Unit	10%			2024	\$15,600	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	\$99,200	
Dehumidifier								
Not Accessible	100%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$42,500	
Exhaust Fans								
Roof	60%			2026	\$36,300	2	\$1,400	
Wall Unit	40%			2031	* *	2	\$900	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2024	\$227,200	1		
Water Heater								
Oil Fired	100%			2024	\$23,600	1	\$2,200	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
			<i>Explanation : 117 Gallons</i>					
HW Heat Exchanger								
HTHW/HW	100%			2046	* *			
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2026	\$11,000	4	\$2,500	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st to 3rd Floor</i>					
			<i>Explanation : Two Units - One Passenger, One Freight</i>					
Fire Suppression								
Standpipe								
Generic	100%			2026	\$271,500	1-5	\$38,400	
Sprinkler								
Generic	100%			2026	\$888,300	1-2	\$21,300	

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 19-Jun-2015 Landmark Status : NONE
 Areas Surveyed : Roof, Floors 1,2
 Block : 665 Lot : 14 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$444,500	\$1,591,900
Interior Architecture	\$313,000	\$415,000
Total	\$757,500	\$2,006,900
Importance Code A	\$444,500	\$1,591,900
Importance Code B	\$313,000	\$351,600
Importance Code C		\$63,300
Total	\$757,500	\$2,006,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$7,800	\$15,500		
Interior Architecture	\$15,500	\$63,400		
Electrical	\$3,100	\$4,400	\$4,900	\$21,200
Mechanical	\$1,500	\$900	\$3,100	\$900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$31,800	\$88,100	\$12,000	\$26,100
Importance Code A	\$7,800	\$15,500		
Importance Code B	\$24,000	\$67,300	\$12,000	\$26,000
Importance Code C		\$5,300		
Total	\$31,800	\$88,100	\$12,000	\$26,100



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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
WEST MIDTOWN FERRY TERMINAL / PIER 79
Asset # : 14635

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Metal Panel	13%			2052	**	5-10	\$221,900	
Metal Coiling Doors	2%			2043	**	5	\$15,500	
Stucco Cement	5%			2039	**	5	\$31,000	
Window Wall	80%			2052	**	5	\$744,800	
Parapets								
Metal Rail	100%			2043	**	5-10	\$843,400	
Roof								
Cast in Place Concrete	20%			LIFE	**			
Spray-on Foam	80%			2031	**	5	\$226,300	
Interior								
Floors								
Carpet	35%			2025	\$1,381,800	3	\$162,700	
Cast in Place Concrete	5%			LIFE	**	5	\$33,900	
Ceramic Tile	50%	Now	\$149,900	2035	**	5	\$77,500	
<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%			2031	**	3	\$11,600	
Interior Walls								
Ceramic Tile	5%			2039	**	5	\$10,600	
Concrete Masonry Unit	5%			LIFE	**	5	\$4,200	
Glass: Single Pane	40%			LIFE	**	5	\$63,300	
Gypsum Board	10%			LIFE	**	5	\$12,700	
Metal Panel	40%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	10%			2043	**	5	\$31,000	
Embossed Metal	30%	Now	\$163,100	LIFE	**	5	\$41,800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Gypsum Board	60%			LIFE	**	5	\$232,400	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 4000 Amps Main Dfdisconnect 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
WEST MIDTOWN FERRY TERMINAL / PIER 79
Asset # : 14635

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Transformers								
Dry Type	100%			2039	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 150 Kva And 45 Kva 480hv-208y/120lv</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	**	5	\$100	
Raceway								
Conduit	100%			2046	**	1		
Panelboards								
Fused Disc Sw	10%			2042	**	5		
Molded Case Bkrs	90%			2034	**	5	\$500	
Wiring								
Thermoplastic	100%			2046	**	1		
Motor Controllers								
Locally Mounted	100%			2039	**	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2039	**	1	\$6,200	
Generators								
Diesel	100%			2035	**	1	\$7,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 134 Kw</i>								
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$700	
Fuel Storage								
Main Tank	100%			2054	**	5	\$600	
Lighting								
Interior Lighting								
Fluorescent	20%			2031	**	10	\$3,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Lobby, Facade And Waiting Area</i>								
<i>Explanation : T-5 Lamps</i>								
Fluorescent	75%			2031	**	10	\$13,900	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : T-8 Lamps</i>								
Incandescent	5%			2031	**	2		
Egress Lighting								
Emergency, Service	70%			2031	**	1		
Exit, LED	30%			2054	**	1		

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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
WEST MIDTOWN FERRY TERMINAL / PIER 79
Asset # : 14635

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Exterior Lighting Fluorescent	20%			2031	**	10	\$400	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Walkway Shade</i>						
		<i>Explanation : T-8 Lamps</i>						
HID	80%			2031	**	10		
Lightning Protection								
Arresters/Cabling Generic	100%			2054	**	5	\$600	
Alarm								
Security System No Component Generic	30%			2031	**	1	\$5,300	
70%								
Fire/Smoke Detection Generic, Analog	100%			2031	**	1-3	\$12,500	
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source Natural Gas	100%			2052	**	1		
Air Conditioning								
Energy Source Electricity	100%			2048	**	1		
Conversion Equipment Ext Pkg Unit - Heating/Cooling	100%			2034	**	2	\$1,200	
		<i>R-22 Refrigerant, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Roof, A C Units</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 5 Units Provide Heating Through Built In Gas Furnace</i>						
Ventilation								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,300	
Exhaust Fans Roof No Component	15%			2034	**	2	\$100	
85%								
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Ventilation Process Through A C Units</i>						
Plumbing								
H/C Water Piping Brass/Copper	100%			2052	**	1		

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** 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

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	
Plumbing								
Water Heater Electric	100%			2025	\$3,100	4	\$100	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Backflow Preventer Generic	100%			2034	* *	1	\$1,200	
Fixtures Generic	100%							
Vertical Transport								
Elevators Hydraulic	100%			LIFE	* *			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st : 2nd Floor</i>						
		<i>Explanation : One Unit</i>						
Fire Suppression								
Sprinkler Generic	100%			2052	* *	1-2	\$5,700	
Fire Pump Generic	100%			2039	* *	1	\$3,800	

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : WHITEHALL FERRY TERMINAL
Address : SOUTH AND WHITEHALL STS @ 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 : 16-Jun-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2,3
Block : 2 **Lot** : 1 **BIN** : 1085792

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$630,800	\$979,900
Interior Architecture		\$556,600
Electrical	\$132,900	
Mechanical	\$891,400	\$3,156,300
Total	\$1,655,100	\$4,692,700
Importance Code A	\$630,800	\$1,070,900
Importance Code B	\$1,024,300	\$3,571,200
Importance Code C		\$50,700
Total	\$1,655,100	\$4,692,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$19,700			\$4,500
Interior Architecture	\$32,200	\$11,600	\$23,200	
Electrical	\$24,800	\$32,700	\$30,200	\$31,400
Mechanical	\$111,300	\$65,000	\$130,300	\$95,900
Elevators/Escalators	\$32,600	\$32,600	\$32,600	\$32,600
Total	\$220,600	\$141,900	\$216,300	\$164,400
Importance Code A	\$30,900	\$9,200	\$11,100	\$14,200
Importance Code B	\$183,900	\$132,700	\$205,200	\$150,200
Importance Code C	\$5,800			
Total	\$220,600	\$141,900	\$216,300	\$164,400



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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	**	5	\$15,500	
Metal, Corrugated	10%			2046	**	1		
Metal Panel	20%			2046	**	5-10	\$341,400	
Pre-Cast Concrete	5%			LIFE	**	5	\$40,300	
Window Wall	55%			2046	**	5	\$512,100	
Parapets								
Concrete Masonry Unit	10%			LIFE	**	5	\$5,300	
Metal Panel	5%			2046	**	5	\$9,000	
Metal Rail	85%			2043	**	5-10	\$716,900	
Roof								
Modified Bitumen	80%	Now	\$19,700	2031	**			
<i>Ponding, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Upper Roof Viewing Area</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Upper Roof Viewing Area</i>								
Plaza Roof: Stone Panels	20%			2046	**			
Interior								
Floors								
Carpet	5%			2022	\$197,400	3	\$23,200	
Cast in Place Concrete	25%			LIFE	**	5	\$169,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : First Floor Utility Area</i>								
Ceramic Tile	15%			2035	**	5	\$46,500	
Granite Panels	10%			LIFE	**	5	\$23,200	
Terrazzo	35%			LIFE	**	5	\$84,700	
Vinyl Tile	10%			2031	**	3	\$11,600	
<i>Worn/Eroded, Extent : Light, Area Affected : 15%</i>								
<i>Location : Elevator Lobbies</i>								
Interior Walls								
Concrete Masonry Unit	60%			LIFE	**	5	\$50,700	
Glass: Special Gauge	10%			LIFE	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Waiting Room</i>								
<i>Explanation : Double Glazed Wall And Sliding Boarding Doors</i>								
Gypsum Board	20%			LIFE	**	5	\$25,300	
Metal Panel	10%	4+	\$5,800	LIFE	**			
<i>Deformed/Dented, Extent : Light, Area Affected : 5%</i>								
<i>Location : Circular Sheet Metal Column Bases Throughout Waiting Area</i>								
Ceilings								
AcousTileSusp.Lay-In	15%			2043	**	5	\$46,500	
Exposed Struc: Steel	15%			LIFE	**			
Gypsum Board	5%	Now	\$3,100	LIFE	**	5	\$19,400	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 2nd Floor Elevator Lobby</i>								
Metal Panel	65%			LIFE	**	5	\$251,700	

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

Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	97%			2046	**	5	\$900	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 6000 Amps</i>							
Photovoltaic Panel(s)	3%			2035	**	1		
	<i>Other Observation, Extent : Light, 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	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One Dry Type At 75 Kva Each</i>							
Switchgear / Switchboard								
Fused Disc Sw	100%			2046	**	5	\$900	
Raceway								
Conduit	100%			2046	**	1		
Panelboards								
Fused Disc Sw	30%			2042	**	5	\$1,400	
Molded Case Bkrs	70%			2042	**	5	\$3,800	
Wiring								
Thermoplastic	100%			2046	**	1		
Motor Controllers								
Locally Mounted	20%			2039	**	5	\$300	
Motor Control Center	80%			2039	**	5	\$4,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$3,000	
	<i>Other Observation, Extent : Light, 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	
Generators								
Diesel	100%			2035	**	1	\$80,200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Penthouse</i>							
	<i>Explanation : One 700 Kva Gallon</i>							
Batteries								
Lead/Acid	100%			2020	\$1,500	5	\$7,700	

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

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Stand-by Power								
Fuel Storage Day Tank	20%			2042	**	5	\$7,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior</i>								
<i>Explanation : 275 Gallon</i>								
Main Tank	80%			2054	**	5	\$4,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ground Floor</i>								
<i>Explanation : 2600 Gallon Tank</i>								
Lighting								
Interior Lighting Fluorescent	70%			2031	**	10	\$132,900	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
HID	30%			2031	**	10	\$2,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Metal Halide</i>								
Egress Lighting								
Emergency, Service	50%			2031	**	1		
Exit, Service	50%			2031	**	1		
Exterior Lighting								
HID	100%			2031	**	10	\$600	
Lightning Protection								
Arresters/Cabling Generic	100%			2061	**	5	\$6,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Steel Type</i>								
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	**	1	\$23,200	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2034	**	1-3	\$89,300	
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	
Heating								
Energy Source Natural Gas	100%			2046	**	1		

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

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	
Heating								
Conversion Equipment								
Hot Water Boiler	90%			2031	* *	1	\$92,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 3rd Floor Mechanical Equipment Room</i>								
<i>Explanation : 1 Unit</i>								
Radiant Heater	10%			2026	\$91,000	2	\$9,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</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%			2034	* *	4	\$15,300	
Terminal Devices								
Air Handler	90%			2026	\$1,002,800	1	\$115,200	
Fan Coil Unit/Heat	10%			2026	\$309,400	1	\$6,700	
Air Conditioning								
Energy Source								
Natural Gas	100%			2046	* *	1		
Conversion Equipment								
Absorption Chiller/Direct Fire	80%	Now	\$891,400	2036	* *	1	\$161,300	
<i>Abandoned in Place, Extent : Severe, Area Affected : 50%</i>								
<i>Location : 3rd Floor Mechanical Equipment Room</i>								
<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 3rd Floor Mechanical Equipment Room</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 3rd Floor Mechanical Equipment Room</i>								
<i>Explanation : 1 Chiller Broken. 1 Chiller Running 20Percent. Portable Temporary Chiller In Use</i>								
Split Unit	20%			2031	* *			
Distribution								
Chilled Wtr Pipe/Pump	100%			2046	* *	4	\$15,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2026	\$877,800	1	\$128,000	
Heat Rejection								
Water Cooling Tower	100%			2024	\$593,200	2	\$208,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$115,400	
Exhaust Fans								
Interior	80%			2026	\$182,700	2	\$5,100	
Roof	20%			2026	\$27,200	2	\$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		

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

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	
Plumbing								
Water Heater Gas Fired	100%			2024	\$48,100	2	\$3,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 3rd Floor Mechanical Equipment Room</i>								
<i>Explanation : Two 250 Gallon</i>								
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s) Electric	100%			2026	\$11,000	4	\$2,500	
Backflow Preventer Generic	100%			2026	\$20,000	1	\$12,700	
Fixtures Generic	100%							
Vertical Transport								
Elevators Hydraulic	100%			LIFE	* *			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : (2) 1st To Roof, (1) 1st To 3rd Floor, (1) 1st To 2nd Floor</i>								
<i>Explanation : 4 Units</i>								
Escalators Over 20' Rise	100%			LIFE	* *			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st to 2nd Floor</i>								
<i>Explanation : 5 Units</i>								
Fire Suppression								
Standpipe Generic	100%			2036	* *	1-5	\$108,200	
Sprinkler Generic	100%			2036	* *	1-2	\$58,000	
Fire Pump Generic	100%			2029	* *	1	\$38,700	
<i>Corroded, Extent : Light, Area Affected : 5%</i>								
<i>Location : 1st Floor</i>								

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Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : ARTERIAL AND 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-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1790 **Lot** : 1 **BIN** : 4444576

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$99,300	
Total	\$99,300	
Importance Code A	\$99,300	
Total	\$99,300	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$11,300			
Interior Architecture	\$7,500		\$100	
Electrical	\$5,700			
Mechanical	\$100	\$100	\$100	\$100
Total	\$24,600	\$100	\$200	\$100
Importance Code A	\$11,400	\$100	\$100	\$100
Importance Code B	\$13,200		\$200	\$100
Importance Code C	\$100			
Total	\$24,600	\$100	\$200	\$100



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

DEPARTMENT OF TRANSPORTATION - 841
ARTERIAL AND FLEET SERVICES GAS HOUSE

Asset # : 564

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	95%	Now	\$61,500	LIFE	**	5	\$6,800	
<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	\$3,500	LIFE	**	5	\$1,200	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Building Base</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Window Sills</i>								
Windows								
Glass Block	100%			LIFE	**	5	\$900	
Parapets								
Masonry: Brick	95%	Now	\$37,800	LIFE	**	5	\$2,200	1
<i>Diagonal Cracks, Extent : Severe, 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	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Coping</i>								
Roof								
Modified Bitumen	100%	Now	\$6,400	2032	**			1
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	**	5	\$8,400	
Vinyl Tile	35%			2032	**	3	\$400	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	**	5	\$100	
Masonry: Brick	75%			LIFE	**	10	\$100	
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Concrete	100%			LIFE	**	5-10	\$3,700	
<i>Water Penetration, 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
ARTERIAL AND FLEET SERVICES GAS HOUSE
Asset # : 564

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2027	\$3,700	1		
Panelboards								
Fused Disc Sw	10%			2026	\$700	5		
Molded Case Bkrs	40%			2026	\$3,000	5		
Molded Case Bkrs	50%			2043	**	5		
Wiring								
Braided Cloth	70%	2-4	\$5,700	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	30%			2047	**	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2027	\$4,100	10	\$1,700	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Exterior Lighting								
HID	20%			2035	**	10		
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2027	\$3,900	1-3	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inside</i>								
<i>Explanation : Alarm Bells And Horns</i>								
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	
Heating								
Energy Source								
Natural Gas	100%			2037	**	1		
Conversion Equipment								
Furnace	100%			2027	\$2,300	1	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 2 Direct Fired Unit Heaters</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Window/Wall Unit	100%			2022	\$3,900	1		
Ventilation								
Exhaust Fans								
Wall Unit	100%			2027	\$2,800	2	\$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.*

**DEPARTMENT OF TRANSPORTATION - 841
ARTERIAL AND FLEET SERVICES GAS HOUSE**

Asset # : 564

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
H/C Water Piping Brass/Copper	100%			2037	* *	1		
Water Heater Electric	100%			2022	\$300	4		
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : ARTERIAL AND 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-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1790 **Lot** : 1 **BIN** : 4444576

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture				\$200
Interior Architecture				\$100
Electrical				
Mechanical				
Total				\$300
Importance Code A				\$200
Importance Code B				\$100
Total				\$300



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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND FLEET SERVICES GUARD HOUSE

Asset # : 174

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

Exterior

Exterior Walls								
Window Wall	100%			2047	**	5	\$1,400	

Roof								
Roll Roofing	100%			2026	\$1,100	5	\$500	

Interior

Floors								
Ceramic Tile	100%			2036	**	5	\$100	

Ceilings								
Fiber Board	100%			2032	**			

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

Under 600 Volts

Raceway								
Conduit	100%			2037	**	1		

Panelboards								
Molded Case Bkrs	100%			2035	**	5		

Wiring								
Thermoplastic	100%			2037	**	1		

Lighting

Interior Lighting								
Fluorescent	100%			2027	\$200	10	\$100	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								

Alarm

Security System								
Generic	100%			2035	**	1		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Cctv Surveillance Cameras</i>								

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	

Heating

Energy Source								
Electricity	100%			2047	**	1		

Conversion Equipment								
Radiant Heater	100%			2027	\$400	2		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Office</i>								
<i>Explanation : 1 Unit</i>								

Air Conditioning

Energy Source								
Electricity	100%			2043	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND FLEET SERVICES GUARD HOUSE**

Asset # : 174

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	100%			2022	\$200	1		

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : ARTERIAL AND 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-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1790 **Lot** : 1 **BIN** : 4444576

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,477,400	\$58,400
Interior Architecture	\$242,000	
Electrical		\$59,200
Mechanical		\$598,700
Total	\$1,719,400	\$716,400
Importance Code A	\$1,477,400	\$137,200
Importance Code B	\$242,000	\$579,200
Total	\$1,719,400	\$716,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$42,700			
Interior Architecture	\$57,800			\$1,900
Electrical	\$4,400		\$400	\$400
Mechanical	\$5,600	\$4,800	\$4,400	\$6,200
Total	\$110,500	\$4,800	\$4,800	\$8,500
Importance Code A	\$46,100	\$3,200	\$3,200	\$3,200
Importance Code B	\$14,200	\$1,600	\$1,600	\$5,300
Importance Code C	\$50,200			
Total	\$110,500	\$4,800	\$4,800	\$8,500



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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND FLEET SERVICES MAIN GARAGE

Asset # : 2412

Architecture	Current Repair			Future Replacement		Maintenance		Priority
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	\$527,800	LIFE	**	5	\$58,400	1
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade, South 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%			2032	**	5	\$21,500	
Pre-Cast Concrete	5%	Now	\$22,700	LIFE	**	5	\$11,200	
<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%			2043	**	5	\$4,100	
Glass Block	75%			LIFE	**	5	\$15,400	
Parapets								
Masonry: Brick	95%	Now	\$474,100	LIFE	**	5	\$27,400	
<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	\$10,300	LIFE	**	5	\$9,100	
<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 AND FLEET SERVICES MAIN GARAGE

Asset # : 2412

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Asphalt Shingle	65%	Now	\$119,300	2036		**		
<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	\$93,300	2032		**		
<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, Metal/Glass	5%	Now	\$262,900	2047		**		
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Garage Area</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Garage Area</i>								
<hr/>								
Interior								
Floors								
Asphalt Macadam	90%			2047		**	5	\$42,400
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	2%			2036		**	5	\$1,900
Vinyl Tile	8%	Now	\$64,000	2037		**	3	\$2,800
<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>								
<hr/>								
Interior Walls								
Cast in Place Concrete	5%	Now	\$14,700	LIFE		**		
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Espreway Columns</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Expreway Columns</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Garage</i>								
<i>Explanation : Various Expreway Columns Run Through The Garage Area</i>								
Concrete Masonry Unit	30%	Now	\$31,000	LIFE		**	5	\$2,800
<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		**	10	\$4,500

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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND FLEET SERVICES MAIN GARAGE

Asset # : 2412

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$7,600	2032	**	5	\$2,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Toilets</i>								
Exposed Struc: Steel	20%			LIFE	**	10	\$37,700	
Exposed Struc: Wood	60%			LIFE	**	10	\$84,800	
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Garage Area</i>								
Plaster	15%	Now	\$55,500	LIFE	**	5	\$8,800	
<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>								
<hr/>								
Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 2000 Amperes</i>								
<hr/>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	**	5	\$300	
<hr/>								
Raceway								
Conduit	20%			2053	**	1		
Conduit	80%			2027	\$7,500	1		
<hr/>								
Panelboards								
Molded Case Bkrs	50%			2035	**	5	\$900	
Molded Case Bkrs	50%			2026	\$14,900	5	\$900	
<hr/>								
Wiring								
Braided Cloth	20%	2-4	\$4,100	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	80%			2037	**	1		
<hr/>								
Ground								
Grounding Devices								
Not Accessible	100%							
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	100%			2032	**	10	\$59,200	
<i>T-5 Lamps And Fixtures, 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
ARTERIAL AND FLEET SERVICES MAIN GARAGE

Asset # : 2412

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Egress Lighting								
Emergency, Battery	5%			2035	**	10	\$800	
Exit, Service	5%			2035	**	1		
No Component	90%							
<hr/>								
Exterior Lighting								
HID	20%			2035	**	10		
No Component	80%							
<hr/>								
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	
Heating								
Energy Source								
Natural Gas	100%			2037	**	1		
<hr/>								
Conversion Equipment								
Furnace	100%			2027	\$78,700	1	\$31,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 50 Direct Fired Unit Heaters</i>								
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
<hr/>								
Conversion Equipment								
Window/Wall Unit	10%			2022	\$13,300	1		
No Component	90%							
<hr/>								
Ventilation								
Exhaust Fans								
Wall Unit	100%			2027	\$97,500	2	\$2,000	
<hr/>								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2027	\$192,500	1		
<hr/>								
Water Heater								
Electric	100%			2025	\$10,000	4	\$400	
<hr/>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
<hr/>								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
<hr/>								
Fixtures								
Generic	100%							
<hr/>								
Fire Suppression								
Standpipe								
Generic	100%			2027	\$230,000	1-5	\$33,800	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : ARTERIAL AND FLEET SERVICES OFFICE AND 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-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 1790 **Lot** : 1 **BIN** : 4444576

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$306,800	
Interior Architecture	\$157,000	\$59,100
Electrical		\$127,400
Total	\$463,800	\$186,500
Importance Code A	\$306,800	
Importance Code B	\$101,000	\$186,500
Importance Code C	\$55,900	
Total	\$463,800	\$186,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$24,700		\$1,700	
Interior Architecture	\$41,400	\$1,600	\$400	\$1,700
Electrical	\$10,400		\$100	
Mechanical	\$600	\$600	\$600	\$700
Total	\$77,200	\$2,300	\$2,800	\$2,400
Importance Code A	\$25,300	\$600	\$2,300	\$600
Importance Code B	\$48,300	\$1,700	\$600	\$1,900
Importance Code C	\$3,600			
Total	\$77,200	\$2,300	\$2,800	\$2,400



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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND FLEET SERVICES OFFICE AND STOREHOUSE

Asset # : 2406

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	75%	Now	\$146,200	LIFE	**	5	\$16,200	1
<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 : 50%</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>Rusting Masonry Supt, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	5%	Now	\$12,700	LIFE	**	5	\$800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bases Of Piers Along South Facade</i>								
Metal Coiling Doors	5%			2040	**	5	\$3,400	
Pre-Cast Concrete	5%	Now	\$3,600	LIFE	**	5	\$3,500	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : North Facade, Widow Sills</i>								
Stucco Cement	10%			2032	**	5	\$5,400	
Windows								
Aluminum	50%			2043	**	5	\$2,800	
Glass Block	40%			LIFE	**	5	\$2,800	
Glass Block	10%	Now	\$5,600	LIFE	**	5	\$400	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
Parapets								
Masonry: Brick	95%	Now	\$42,300	LIFE	**	5	\$2,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Corners</i>								
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2047	**	5	\$500	
Roof								
Modified Bitumen	95%	Now	\$39,400	2032	**			
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Second Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over Second Floor</i>								
Skylight, Metal/Glass	5%	Now	\$78,900	2037	**			
<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>								

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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND FLEET SERVICES OFFICE AND STOREHOUSE

Asset # : 2406

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	5%			2023	\$13,700	3	\$2,100	
Cast in Place Concrete	40%			LIFE	**	5	\$37,600	
Ceramic Tile	5%			2036	**	5	\$1,100	
Vinyl Tile	15%			2035	**	3	\$1,200	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Offices On First Floor</i>								
Vinyl Tile 9" X 9"	25%			2022	\$59,100	3	\$2,700	
Wood	10%			2042	**	5	\$4,000	
Interior Walls								
Gypsum Board	15%			LIFE	**	5-10	\$2,700	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor Offices</i>								
Masonry: Brick	45%	Now	\$55,900	LIFE	**			
<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	**	5-10	\$1,800	
Plywood/Hardboard	10%			LIFE	**	10	\$100	
SGFT/Glazed Masonry	10%			LIFE	**	10	\$500	
Ceilings								
AcousTileSusp.Lay-In	15%			2032	**	5	\$3,200	
AcousTileSusp.Lay-In	15%			2044	**	5	\$3,200	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor Offices</i>								
Exposed Concrete	20%			LIFE	**	5-10	\$5,400	
Exposed Struc: Wood	25%	Now	\$101,000	LIFE	**			
<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	**	5-10	\$7,400	
Plaster	15%	Now	\$8,400	LIFE	**	5	\$2,000	
<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>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	\$97,600	5	\$300	

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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND FLEET SERVICES OFFICE AND STOREHOUSE

Asset # : 2406

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	60%			2027	\$16,600	1		
Conduit	40%			2053	**	1		
Panelboards								
Molded Case Bkrs	50%			2035	**	5	\$200	
Molded Case Bkrs	20%			2026	\$6,000	5	\$100	
Molded Case Bkrs	30%			2049	**	5	\$100	
Wiring								
Braided Cloth	20%	2-4	\$9,300	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	50%			2027	\$23,300	1		
Thermoplastic	30%			2053	**	1		
Lighting								
Interior Lighting								
Fluorescent	10%			2022	\$6,500	10	\$1,000	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Fluorescent	80%			2035	**	10	\$8,400	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2035	**	10	\$1,000	
<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Storage</i>								
Egress Lighting								
Emergency, Battery	50%			2035	**	10	\$1,400	
Exit, Service	50%			2035	**	1		
Exterior Lighting								
HID	20%			2022	\$8,600	10		
No Component	80%							

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	
Heating								
Energy Source								
Natural Gas	100%			2037	**	1		
Conversion Equipment								
Furnace	80%			2027	\$11,200	1	\$4,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 30 Direct Fired Unit Heaters</i>								
Hot Water Boiler	20%			2047	**	1	\$1,100	
Terminal Devices								
Convactor/Radiator	20%			2040	**	1	\$700	
No Component	80%							

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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND FLEET SERVICES OFFICE AND STOREHOUSE

Asset # : 2406

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	
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2022	\$14,100	1		
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Electric	100%			2025	\$1,800	4	\$100	
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.*

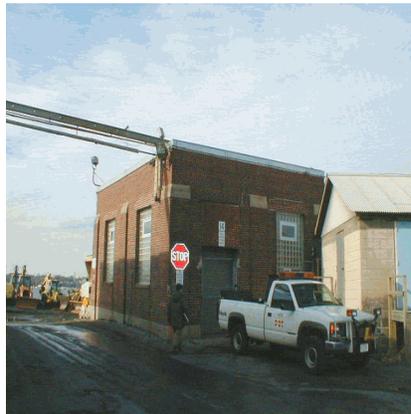
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : ARTERIAL AND 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-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 1790 **Lot** : 1 **BIN** : 4444576

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$87,100	
Total	\$87,100	
Importance Code A	\$87,100	
Total	\$87,100	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$45,100			
Interior Architecture	\$14,600			\$100
Electrical	\$10,100			
Mechanical	\$100	\$100	\$100	\$100
Total	\$69,800	\$100	\$100	\$200
Importance Code A	\$45,200	\$100	\$100	\$100
Importance Code B	\$24,500			\$100
Importance Code C	\$100			
Total	\$69,800	\$100	\$100	\$200



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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND FLEET SERVICES STORAGE 1
Asset # : 2407

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	\$87,100	LIFE	**	5	\$9,600	
<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%			2032	**	5	\$3,500	
Pre-Cast Concrete	5%	Now	\$3,700	LIFE	**	5	\$1,800	
<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	\$5,200	
Parapets								
Masonry: Brick	95%	Now	\$26,600	LIFE	**	5	\$1,500	
<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%			2047	**	5	\$300	
Roof								
Modified Bitumen	95%			2032	**	10	\$7,900	
Skylight, Metal/Glass	5%	Now	\$12,200	2037	**			
<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	\$15,400	
Vinyl Tile 9" X 9"	20%			2022	\$9,700	3	\$400	
Interior Walls								
Masonry: Brick	100%			LIFE	**	10	\$100	
Ceilings								
Exposed Struc: Wood	100%			LIFE	**	10	\$6,600	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2027	\$3,700	1		

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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND FLEET SERVICES STORAGE 1

Asset # : 2407

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Fused Disc Sw	20%			2035	**	5		
Fused Toggle Switch	80%	2-4	\$6,000	2052	**	5		
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Receiving Office Room</i>								
<hr/>								
Wiring								
Braided Cloth	50%	2-4	\$4,100	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	50%			2037	**	1		
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	95%			2027	\$3,700	10	\$1,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
HID	5%			2022	\$700	10		
<hr/>								
Exterior Lighting								
HID	20%			2022	\$1,300	10		
No Component	80%							
<hr/>								
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	
Heating								
Energy Source								
Natural Gas	100%			2037	**	1		
<hr/>								
Conversion Equipment								
Furnace	100%			2027	\$2,100	1	\$900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 2 Direct Fired Unit Heaters</i>								
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2035	**	1		
<hr/>								
Conversion Equipment								
Window/Wall Unit	20%			2022	\$700	1		
No Component	80%							
<hr/>								
Ventilation								
Exhaust Fans								
Wall Unit	100%			2027	\$2,700	2	\$100	
<hr/>								
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
<hr/>								

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$70,800	\$56,100
Interior Architecture	\$350,700	\$119,200
Electrical	\$752,900	\$48,800
Total	\$1,174,400	\$224,100
Importance Code A	\$70,800	\$56,100
Importance Code B	\$1,103,600	\$168,000
Total	\$1,174,400	\$224,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$30,100		\$15,000	
Interior Architecture	\$30,800	\$1,300		\$500
Electrical	\$1,700	\$2,800	\$28,700	\$1,700
Mechanical	\$16,600		\$100	
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$87,100	\$12,000	\$51,700	\$10,000
Importance Code A	\$30,300		\$15,200	
Importance Code B	\$56,900	\$11,900	\$36,500	\$10,000
Importance Code C		\$100		
Total	\$87,100	\$12,000	\$51,700	\$10,000



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

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

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

DEPARTMENT OF TRANSPORTATION - 841
BAYRIDGE GARAGE
Asset # : 14316

Architecture	Current Repair			Future Replacement		Maintenance		Priority
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	\$56,100	
Concrete Masonry Unit	10%	Now	\$26,400	LIFE	**	5	\$2,000	
<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	\$5,100	
Masonry: Granite	2%			LIFE	**	5	\$500	
Metal Panel	15%			2035	**	5-10	\$33,100	
Metal Coiling Doors	2%			2038	**	5	\$2,000	
Pre-Cast Concrete	10%			LIFE	**	5	\$10,400	
Window Wall	10%			2045	**	5	\$12,000	
<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	
No Component	75%							
Parapets								
Cast in Place Concrete	85%			LIFE	**	5	\$25,300	
Metal Rail	5%			2038	**	5-10	\$2,600	
Metal: Cage/Fence	10%	4+	\$1,100	2030	**	5	\$900	
<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	\$70,800	2030	**			
<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%							

Interior

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
BAYRIDGE GARAGE
Asset # : 14316

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	25%	Now	\$62,900	LIFE	**	5	\$66,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Near Basement Entrance</i>								
Ceramic Tile	2%			2034	**	5	\$2,400	
Traffic Topping	70%	Now	\$210,000	2030	**	5	\$53,000	
<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	\$30,800	2035	**	3	\$1,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Office</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Office</i>								
Interior Walls								
Cast in Place Concrete	70%			LIFE	**			
Ceramic Tile	2%			2034	**	5	\$200	
Concrete Masonry Unit	20%			LIFE	**	5	\$900	
Masonry: Brick	8%			LIFE	**			
Ceilings								
Exposed Concrete	100%	Now	\$77,800	LIFE	**	5	\$18,900	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Level 4</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	\$2,500	5	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 800 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	\$48,800	5	\$2,300	
Raceway								
Conduit	100%			2025	\$9,400	1		
Panelboards								
Fused Disc Sw	20%			2024	\$6,000	5	\$400	
Molded Case Bkrs	80%			2024	\$23,900	5	\$1,900	
Wiring								
Thermoplastic	100%			2025	\$20,400	1		
Ground								
Grounding Devices								
Not Accessible	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.*

DEPARTMENT OF TRANSPORTATION - 841
BAYRIDGE GARAGE
Asset # : 14316

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
Lighting								
Interior Lighting								
Fluorescent	45%	0-2	\$79,600	2035	**			
	<i>Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Fluorescent	50%			2020	\$88,500	10	\$37,100	
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : T-12 Lamps</i>							
Incandescent	5%			2020	\$21,100	2	\$100	
Egress Lighting								
Exit, Service	100%			2025	\$21,800	1		
Exterior Lighting								
Fluorescent	50%			2020	\$142,300	10	\$4,100	
	<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	\$167,700	10	\$100	
Alarm								
Security System								
No Component	80%							
Generic	20%			2020	\$53,700	1	\$6,600	
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : 1st And 2nd Levels</i>							
	<i>Explanation : CCTV Surveillance Camera System Is Functional</i>							
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2020	\$183,900	1-3	\$11,000	
	<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>							
Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Radiant Heater	5%	0-2	\$200	2035	**	2		
	<i>Damaged, Extent : Severe, Area Affected : 3%</i>							
	<i>Location : Restroom</i>							
No Component	95%							
Air Conditioning								
Energy Source								
Electricity	100%			2033	**	1		

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
BAYRIDGE GARAGE
Asset # : 14316

Mechanical	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	5%			2018	\$8,300	1		
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2035	* *	1		
No Component	95%							
Water Heater								
Electric	5%			2018	\$600	4		
No Component	95%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2018	\$6,700	4	\$2,500	
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
		<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	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 17,412 **Project Type** : HIGHWAYS
Date of Survey : 20-Feb-2014 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 39 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$241,900	
Interior Architecture	\$73,800	\$51,300
Electrical		\$115,400
Total	\$315,700	\$166,700
Importance Code A	\$241,900	
Importance Code B		\$166,700
Importance Code C	\$73,800	
Total	\$315,700	\$166,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$36,100			
Interior Architecture	\$8,900	\$1,500		\$200
Electrical	\$1,900	\$1,300	\$1,400	\$1,600
Mechanical	\$5,900	\$2,400	\$12,900	\$2,300
Total	\$52,700	\$5,200	\$14,300	\$4,100
Importance Code A	\$37,300	\$400	\$1,200	\$400
Importance Code B	\$15,400	\$3,900	\$13,000	\$3,700
Importance Code C		\$900		
Total	\$52,700	\$5,200	\$14,300	\$4,100



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.

DEPARTMENT OF TRANSPORTATION - 841
BRIDGES IRON SHOP
Asset # : 14714

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	95%	2-4	\$65,100	LIFE	**	5	\$19,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Metal Sect. OHD	5%			2038	**	5	\$5,200	
Windows								
Steel	100%	2-4	\$21,300	2041	**	5	\$8,500	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	10%	2-4	\$4,300	LIFE	**	5	\$2,600	2
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	90%	2-4	\$7,900	LIFE	**	5	\$3,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Roof								
Plaza Roof: Stone Panels	100%	Now	\$176,800	2035	**			
<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>								
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	**	5	\$51,300	
Ceramic Tile	5%			2034	**	5	\$1,300	
Vinyl Tile	5%			2030	**	3	\$700	
Interior Walls								
Ceramic Tile	5%			2034	**	5	\$1,800	
Concrete Masonry Unit	95%	0-2	\$73,800	LIFE	**	5	\$13,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	70%			2038	**	5	\$17,400	
Exposed Struc: Steel	30%			LIFE	**			

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

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
BRIDGES IRON SHOP
Asset # : 14714

Electrical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2033	**	5		
Molded Case Bkrs	90%			2033	**	5	\$400	
Wiring								
Thermoplastic	100%			2035	**	1		
Motor Controllers								
Locally Mounted	80%			2030	**	5	\$100	
Locally Mounted	20%			2038	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
Lighting								
Interior Lighting								
Fluorescent	60%			2025	\$22,800	10	\$9,600	
		<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 60%</i>						
		<i>Location : Throughout The Building</i>						
HID	35%			2025	\$49,700	10	\$200	
Incandescent	5%			2025	\$4,500	2		
Egress Lighting								
Emergency, Battery	100%			2025	\$23,400	10	\$4,200	
Exterior Lighting								
HID	100%			2025	\$65,600	10	\$100	
Alarm								
Security System								
No Component	50%							
Generic	50%			2033	**	1	\$3,300	
Fire/Smoke Detection								
Generic, Digital	100%			2033	**	1-3	\$11,100	

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2045	**	1		
Conversion Equipment								
Furnace	50%			2030	**	1	\$4,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 2 Units</i>						
Radiant Heater	50%			2030	**	2	\$4,000	
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$9,700	
Terminal Devices								
Air Handler	50%			2030	**	1	\$5,400	
Fan Coil Unit/Heat	50%			2030	**	1	\$2,800	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
	% 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	\$1,100
			<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	\$22,700
Terminal Devices							
Air Handler/Cool/Ht	100%			2030	**	1	\$10,800
Heat Rejection							
Air Condenser Unit	100%			2030	**	2	\$12,100
Ventilation							
Exhaust Fans							
Wall Unit	100%			2030	**	2	\$500
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2045	**	1	
Water Heater							
Electric	100%			2023	\$2,700	4	\$200
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.

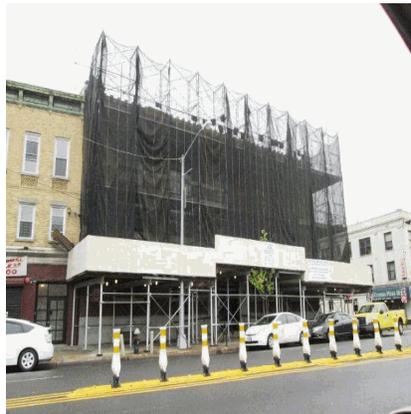
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : **29,626** Project Type : **HIGHWAYS**
 Date of Survey : **09-May-2014** Landmark Status : **NONE**
 Areas Surveyed : **Basement, Roof, Floors 1,3**
 Block : **4074** Lot : **1** BIN : **2044091**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$92,600	\$41,300
Interior Architecture	\$204,700	\$225,100
Electrical	\$306,300	\$249,500
Mechanical		\$427,900
Total	\$603,700	\$943,800
Importance Code A	\$92,600	\$41,300
Importance Code B	\$362,800	\$865,600
Importance Code C	\$148,300	\$36,900
Total	\$603,700	\$943,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Interior Architecture	\$147,300			\$9,400
Electrical	\$26,600	\$2,500	\$3,200	\$2,300
Mechanical	\$5,900	\$2,700	\$63,000	\$2,700
Total	\$179,800	\$5,200	\$66,200	\$14,400
Importance Code A	\$1,500	\$1,500	\$1,500	\$1,500
Importance Code B	\$178,400	\$3,800	\$64,700	\$13,000
Importance Code C				
Total	\$179,800	\$5,200	\$66,200	\$14,400



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls Not Accessible	100%							
	<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	\$92,600	2033	* *	5	\$41,300	
	<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%							
	<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%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Work In Progress</i>							
<hr/>								
Interior								
Floors								
Carpet	30%	Now	\$67,800	2024	\$169,500	3	\$20,000	
	<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 75%</i>							
	<i>Location : Throughout</i>							
Cast in Place Concrete	5%			LIFE	* *	5	\$4,900	
Ceramic Tile	5%	Now	\$17,200	2034	* *	5	\$1,100	
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : Throughout</i>							
Marble Panels	5%	2-4	\$32,100	LIFE	* *	5	\$1,700	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Terrazzo	5%	2-4	\$10,300	LIFE	* *	5	\$1,700	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Vinyl Tile	50%	0-2	\$56,500	2025	\$188,200	3	\$8,300	
	<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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%	0-2	\$39,800	2034	**	5	\$1,800	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Gypsum Board	85%	Now	\$50,900	LIFE	**	5	\$36,900	
<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	**			
Marble Panels	5%	2-4	\$57,500	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	95%			2038	**	5	\$40,000	
Exposed Concrete	5%			LIFE	**	5	\$300	
Electrical								
Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2025	\$8,300	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1- 600 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2025	\$122,000	5	\$800	
Raceway								
Conduit	90%			2025	\$53,300	1		
Conduit	10%			2045	**	1		
Panelboards								
Fused Disc Sw	5%			2024	\$3,000	5		
Molded Case Bkrs	70%			2024	\$41,800	5	\$500	
Molded Case Bkrs	25%			2041	**	5	\$200	
Wiring								
Braided Cloth	30%	2-4	\$24,300	2050	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	40%			2025	\$32,400	1		
Thermoplastic	30%			2045	**	1		
Motor Controllers								
Locally Mounted	100%			2023	\$29,400	5	\$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$400	

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

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

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

Alarm

Security System								
No Component	50%							
Generic	50%			2030	* *	1	\$5,500	
Fire/Smoke Detection								
Generic, Analog	100%			2020	\$306,300	1-3	\$18,300	

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	

Heating

Energy Source								
Natural Gas	100%			2045	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2030	* *	1	\$14,700	
		<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	\$148,600	4	\$1,500	
Terminal Devices								
Convactor/Radiator	100%			2023	\$279,400	1	\$9,600	

Air Conditioning

Energy Source								
Electricity	100%			2033	* *	1		
Conversion Equipment								
Reciprocating Compr/Chiller	15%			2020	\$15,100	1	\$2,100	
		<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>						
Exterior Pkg Unit - Cooling	20%			2020	\$27,300	2	\$400	
		<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%							
Terminal Devices								
Direct Expansion	15%			2020	\$4,800	1		
		<i>On Extended Life, Extent : Severe, Area Affected : 15%</i>						
		<i>Location : 1st Floor AC Room</i>						
No Component	85%							

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

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

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	
Air Conditioning								
Heat Rejection								
Air Condenser Unit	15%	0-2	\$3,100	2035	**	2	\$2,500	
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Roof, Top Of Staircase</i>								
<i>Explanation : Obsolete Unit</i>								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	**	2-5	\$6,600	
No Component	60%							
Exhaust Fans								
Interior	15%			2020	\$4,900	2	\$100	
Roof	25%			2020	\$5,900	2	\$200	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2035	**	1		
Water Heater								
Gas Fired	100%			2023	\$6,900	2	\$400	
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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$153,800	
Interior Architecture	\$86,000	\$90,600
Electrical		\$122,500
Mechanical		\$566,800
Total	\$239,800	\$780,000
Importance Code A	\$153,800	
Importance Code B	\$86,000	\$780,000
Total	\$239,800	\$780,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$8,000		\$41,700	
Interior Architecture	\$1,600	\$100		\$200
Electrical	\$400		\$400	
Mechanical	\$2,100	\$2,900	\$8,600	\$3,200
Total	\$12,100	\$3,000	\$50,700	\$3,400
Importance Code A	\$9,400	\$1,400	\$43,200	\$1,400
Importance Code B	\$2,700	\$1,400	\$7,500	\$2,000
Importance Code C		\$100		
Total	\$12,100	\$3,000	\$50,700	\$3,400



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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Fiberglass Panel	35%			2040	**	5	\$67,000	
Masonry: Brick	50%	0-2	\$153,800	LIFE	**	5	\$25,500	
<i>Diagonal Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2055	**	5-10	\$17,500	
Metal Sect. OHD	10%			2038	**	5	\$16,000	
Windows								
Aluminum	100%			2050	**	5	\$6,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$2,100	
Masonry: Brick	90%			LIFE	**	5	\$2,400	
Roof								
Single Ply Membrane	80%			2035	**	10	\$33,200	
Skylight, Metal/Glass	20%			2055	**	10	\$27,700	
Interior								
Floors								
Cast in Place Concrete	95%	0-2	\$86,000	LIFE	**	5	\$90,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Quarry Tile	1%			2038	**	5	\$700	
Vinyl Tile	4%			2030	**	3	\$900	
Interior Walls								
Ceramic Tile	1%			2034	**	5	\$200	
Concrete Masonry Unit	96%			LIFE	**	5	\$6,800	
Metal Panel	1%			LIFE	**			
Plaster	1%			LIFE	**	5	\$100	
SGFT/Glazed Masonry	1%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	3%	0-2	\$1,100	2038	**	5	\$700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Embossed Metal	1%			LIFE	**	5	\$200	
Exposed Concrete	1%			LIFE	**	5	\$100	
Exposed Struc: Steel	95%			LIFE	**			

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	**	5	\$100	
<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

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	50%			2035	**	5	\$100	
Molded Case Bkrs	50%			2035	**	5	\$400	
Raceway								
Conduit	100%			2035	**	1		
Panelboards								
Fused Disc Sw	5%			2033	**	5		
Molded Case Bkrs	95%			2033	**	5	\$800	
Wiring								
Thermoplastic	100%			2035	**	1		
Motor Controllers								
Locally Mounted	100%			2030	**	5	\$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	
Lighting								
Interior Lighting								
Fluorescent	100%			2035	**	10	\$26,700	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Battery	50%			2025	\$19,600	10	\$3,500	
Exit, Service	50%			2025	\$3,900	1		
Exterior Lighting								
HID	100%			2025	\$122,500	10	\$100	

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	
Heating								
Energy Source								
Natural Gas	100%			2035	**	1		
Conversion Equipment								
Furnace	75%			2030	**	1	\$10,800	
Hot Water Boiler	25%			2030	**	1	\$3,600	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Room 203</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	25%			2033	**	4	\$400	
No Component	75%							
Terminal Devices								
Fan Coil Unit/Heat	15%			2025	\$65,300	1	\$1,400	
Unit Heater-Stm/HW	10%			2025	\$18,800	4	\$300	
No Component	75%							

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.

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*** 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
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Energy Source							
Electricity	100%			2033	* *	1	
Conversion Equipment							
Interior Pkg Unit - Cooling	20%			2023	\$74,900	2	\$400
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>					
		<i>Location : Room 202</i>					
Window/Wall Unit	10%			2020	\$6,000	1	
No Component	70%						
Ventilation							
Distribution							
Ductwork/Diffusers	20%			LIFE	* *	2-5	\$3,200
No Component	80%						
Exhaust Fans							
Interior	20%			2025	\$6,400	2	\$200
No Component	80%						
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2025	\$86,900	1	
Water Heater							
Gas Fired	100%			2023	\$6,800	2	\$400
Sanitary Piping							
Cast Iron	100%			LIFE	* *	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	* *	1	
Fixtures							
Generic	100%						
Fire Suppression							
Sprinkler							
Generic	100%			2025	\$339,700	1-2	\$8,200

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Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,831,600	\$2,010,600
Interior Architecture	\$1,479,200	\$780,600
Electrical		\$3,032,700
Mechanical		\$1,306,400
Total	\$3,310,800	\$7,130,300
Importance Code A	\$1,831,600	\$2,010,600
Importance Code B	\$945,300	\$5,077,500
Importance Code C	\$533,900	\$42,200
Total	\$3,310,800	\$7,130,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$800		\$25,600	
Interior Architecture	\$12,100	\$1,600		\$800
Electrical	\$5,000	\$1,800	\$3,700	\$1,800
Mechanical	\$5,800	\$10,600	\$54,500	\$6,500
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
Total	\$31,500	\$21,900	\$91,700	\$17,000
Importance Code A	\$800	\$600	\$26,200	\$600
Importance Code B	\$29,600	\$21,300	\$65,500	\$16,400
Importance Code C	\$1,100			
Total	\$31,500	\$21,900	\$91,700	\$17,000



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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
COURT SQUARE-GARAGE
Asset # : 2422

Architecture	Current Repair			Future Replacement		Maintenance		Priority
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	\$1,026,800	LIFE	**	5	\$1,823,500	
<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	\$412,000	LIFE	**	5	\$68,400	
<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	\$198,900	LIFE	**	5	\$6,800	
<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	
Parapets								
Cast in Place Concrete	95%	Now	\$73,000	LIFE	**	5	\$118,700	
<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	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Rail Supports</i>								
Roof								
Cast in Place Concrete	95%	Now	\$121,000	LIFE	**			
<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	
Interior								
Floors								
Cast in Place Concrete	97%	Now	\$326,900	LIFE	**	5	\$688,700	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	1%			2034	**	5	\$3,200	
Vinyl Tile	2%	2-4	\$11,000	2020	\$55,100	3	\$2,400	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office</i>								

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Cast in Place Concrete	18%	Now	\$299,900	LIFE	**			
<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	\$234,000	LIFE	**	5	\$42,200	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Near Southern Stairwells</i>								
Gypsum Board	2%	Now	\$1,100	LIFE	**	5	\$1,600	
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout Office</i>								
Ceilings								
AcousTileSusp.Lay-In	2%	Now	\$52,400	2045	**	5	\$3,200	
<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	\$510,900	LIFE	**	5	\$49,700	
<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>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2035	**	5	\$1,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2035	**	5	\$1,000	
Raceway								
Conduit	100%			2035	**	1		
Panelboards								
Fused Disc Sw	5%			2033	**	5	\$300	
Molded Case Bkrs	95%			2033	**	5	\$6,000	

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

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

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Thermoplastic	100%			2035	* *	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	\$1,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$3,600	
Lighting								
Interior Lighting								
Fluorescent	2%			2025	\$9,500	10	\$4,000	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Office</i>						
		<i>Explanation : T-12 Lamps</i>						
HID	98%			2025	\$1,733,700	10	\$6,900	
Egress Lighting								
Emergency, Battery	70%			2025	\$204,400	10	\$36,600	
Exit, Service	30%			2025	\$17,500	1		
Exterior Lighting								
HID	100%			2025	\$911,900	10	\$700	
Alarm								
Security System								
No Component	80%							
Generic	20%			2025	\$146,100	1	\$18,100	
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	
Heating								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Radiant Heater	3%			2025	\$28,600	2	\$3,000	
		<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%							
Terminal Devices								
Fan Coil Unit/Heat	3%			2025	\$2,900	1	\$2,100	
No Component	97%							
Air Conditioning								
Energy Source								
Electricity	100%			2033	* *	1		

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

Maintenance \$ are aggregated over a ten-year period. Site 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	Current Repair		Future Replacement		Maintenance		Priority
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	2%			2020	\$8,900	1	
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
		<i>Location : 1st Level</i>					
		<i>Explanation : Management Office Only</i>					
No Component	98%						
Ventilation							
Distribution							
Ductwork/Diffusers	2%			LIFE	**	2-5	\$2,400
No Component	98%						
Exhaust Fans							
Interior	2%			2025	\$4,800	2	\$100
No Component	98%						
Plumbing							
H/C Water Piping							
Brass/Copper	3%			2035	**	1	
No Component	97%						
Water Heater							
Electric	2%			2018	\$700	4	
No Component	98%						
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Sump Pump(s)							
Rigid Piping	100%			2020	\$11,000	4	\$1,600
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%			LIFE	**		
		<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	\$772,500	1-5	\$109,300
Sprinkler							
No Component	80%						
Generic	20%			2025	\$505,500	1-2	\$12,200

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

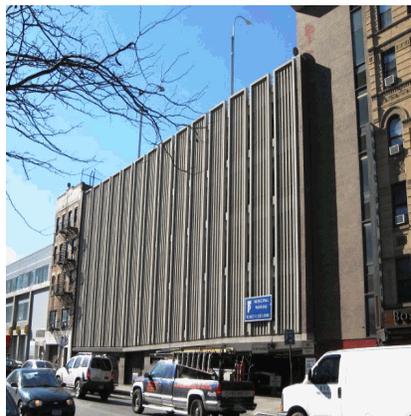
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$147,900	\$487,300
Interior Architecture	\$360,300	\$379,500
Electrical	\$1,137,700	\$118,000
Total	\$1,645,900	\$984,700
Importance Code A	\$147,900	\$487,300
Importance Code B	\$1,498,000	\$497,400
Total	\$1,645,900	\$984,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$2,400		\$2,900	\$1,500
Interior Architecture	\$1,800		\$30,500	
Electrical	\$500	\$2,900	\$23,700	\$1,500
Mechanical	\$17,100		\$12,400	
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
Total	\$33,600	\$14,800	\$81,400	\$14,800
Importance Code A	\$2,400		\$4,700	\$1,500
Importance Code B	\$31,200	\$14,800	\$76,700	\$13,300
Importance Code C				
Total	\$33,600	\$14,800	\$81,400	\$14,800



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$25,100	
Masonry: Brick	15%			LIFE	**	5	\$7,500	
<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	
Pre-Cast Concrete	72%			LIFE	**	5	\$117,500	
Windows								
Aluminum	100%			2041	**	5	\$3,000	
Parapets								
Cast in Place Concrete	20%			LIFE	**	5	\$6,200	
Masonry: Brick	5%			LIFE	**	5	\$200	
Metal Panel	2%			2045	**	5	\$200	
Metal: Cage/Fence	10%	2-4	\$2,400	2030	**	5	\$1,000	
<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	\$11,900	
Roof								
Traffic Topping	95%	Now	\$147,900	2025	\$369,800			
<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%							
Interior								
Floors								
Cast in Place Concrete	98%	0-2	\$360,300	LIFE	**	5	\$379,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	2%			2020	\$30,100	3	\$1,300	
Interior Walls								
Cast in Place Concrete	92%			LIFE	**			
Concrete Masonry Unit	5%			LIFE	**	5	\$300	
Masonry: Brick	3%			LIFE	**			
Ceilings								
AcousTile,Adhered	2%			2023	\$32,900	5	\$3,500	
Exposed Concrete	98%			LIFE	**	5	\$27,100	
<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.
Estimates are rounded to the nearest hundred dollars.

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

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

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

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2025	\$4,800	5	\$3,400	
	<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	\$73,200	5	\$3,400	
Raceway								
Conduit	100%			2025	\$15,000	1		
Panelboards								
Molded Case Bkrs	100%			2024	\$44,800	5	\$3,400	
Wiring								
Thermoplastic	100%			2025	\$32,600	1		
Motor Controllers								
Locally Mounted	100%			2030	* *	5	\$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	\$1,900	
Lighting								
Interior Lighting								
Fluorescent	75%			2020	\$193,900	10	\$81,400	
	<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	\$64,600	2035	* *			
	<i>Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
Egress Lighting								
Emergency, Battery	50%			2020	\$79,600	10	\$14,300	
Exit, Battery	50%			2020	\$54,300	10	\$4,000	
Exterior Lighting								
HID	100%			2020	\$490,100	10	\$400	
Alarm								
Security System								
No Component	90%							
Generic	10%			2020	\$39,300	1	\$4,900	
	<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%							
Generic, Analog	10%	Now	\$134,400	2035	* *	1-3	\$7,300	
	<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Electricity	100%			2035	**	1		
Conversion Equipment								
Radiant Heater	3%			2025	\$200	2		
			<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%							
Air Conditioning								
Energy Source								
Electricity	100%			2033	**	1		
Conversion Equipment								
Window/Wall Unit	3%			2023	\$7,300	1		
			<i>Other Observation, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Management Office</i>					
			<i>Explanation : 1 Unit</i>					
No Component	97%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	**	2-5	\$3,300	
			<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%							
Exhaust Fans								
Interior	5%	Now	\$6,300	2035	**	2	\$100	
			<i>Obsolete Equipment, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : 2nd Level Fan Room</i>					
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2025	\$17,600	1		
No Component	95%							
Sanitary Piping								
Cast Iron	5%			LIFE	**	1		
No Component	95%							
Storm Drain Piping								
Cast Iron	100%	Now	\$3,300	LIFE	**	1		
			<i>Cracked, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : 3rd Level</i>					
Sump Pump(s)								
Submersible	100%			2018	\$6,700	4	\$2,500	
Sewage Ejector(s)								
Electric	100%			2020	\$11,000	4	\$1,600	
Fixtures								
Generic	100%							
Vertical Transport								

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

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

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

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

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

Vertical Transport

Elevators

Geared Traction

100%

LIFE

* *

*Other Observation, Extent : Light, Area Affected : 100%**Location : Parking Levels 1-6**Explanation : 2 Units - 1 Of Them Is Out Of Service*

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$913,200	
Interior Architecture	\$457,200	\$46,500
Electrical	\$94,400	
Total	\$1,464,800	\$46,500
Importance Code A	\$913,200	
Importance Code B	\$404,800	\$46,500
Importance Code C	\$146,800	
Total	\$1,464,800	\$46,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$27,900			
Electrical	\$400	\$500	\$21,000	\$400
Mechanical	\$200	\$7,700	\$1,900	\$200
Total	\$28,400	\$8,200	\$22,900	\$600
Importance Code A	\$28,000	\$100	\$400	\$100
Importance Code B	\$400	\$8,000	\$22,500	\$400
Total	\$28,400	\$8,200	\$22,900	\$600



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

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

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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	\$286,400	LIFE	**	5	\$23,800	1
<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	\$359,100	2030	**	5	\$24,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Windows								
Steel	100%	Now	\$153,600	2050	**	5	\$18,400	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	10%	Now	\$27,900	LIFE	**	5	\$4,300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	90%	4+	\$114,100	LIFE	**	5	\$4,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Roof								
Not Accessible	100%							
<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>								
Interior								
Floors								
Cast in Place Concrete	100%	Now	\$44,100	LIFE	**	5	\$46,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Masonry: Brick	100%	Now	\$146,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Struc: Wood	100%	2-4	\$266,300	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

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

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

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2055	**	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 200 Amps Main Disconnect Switch</i>								
<hr/>								
Raceway								
Conduit	40%			2055	**	1		
Conduit	60%			2025	\$2,200	1		
<hr/>								
Panelboards								
Fused Disc Sw	5%			2050	**	5		
Molded Case Bkrs	50%			2050	**	5	\$300	
Molded Case Bkrs	45%			2024	\$3,400	5	\$200	
<hr/>								
Wiring								
Thermoplastic	60%			2055	**	1		
Thermoplastic	40%			2025	\$3,300	1		
<hr/>								
Motor Controllers								
Locally Mounted	100%			2045	**	5	\$100	
<hr/>								
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$300	
<hr/>								
Lighting								
Interior Lighting								
Fluorescent	20%			2030	**	10	\$3,700	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Office</i>								
Fluorescent	78%			2020	\$34,100	10	\$14,300	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 78%</i>								
<i>Location : Throughout The Building</i>								
Incandescent	2%			2020	\$2,100	2		
<hr/>								
Egress Lighting								
Exit, Service	100%			2035	**	1		
<hr/>								
Exterior Lighting								
HID	20%			2035	**	10		
HID	80%			2020	\$60,300	10		
<hr/>								
Alarm								
Security System								
No Component	50%							
Generic	50%			2035	**	1	\$3,700	

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	
Heating								
Energy Source								
Natural Gas	100%			2051	**	1		

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

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

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Conversion Equipment							
Furnace	15%			2033	**	1	\$1,500
No Component	85%						
Air Conditioning							
Energy Source							
Electricity	100%			2041	**	1	
Conversion Equipment							
Int Pkg Unit - Heating/Cooling	15%			2029	**	2	\$200
		<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
		<i>Location : Office</i>					
		<i>Explanation : 410a Refrigerant</i>					
No Component	85%						
Ventilation							
Distribution							
Ductwork/Diffusers	15%			LIFE	**	2-5	\$1,700
No Component	85%						
Exhaust Fans							
Interior	15%			2033	**	2	\$100
Wall Unit	5%			2020	\$1,500	2	
No Component	80%						
Plumbing							
H/C Water Piping							
Brass/Copper	15%			2051	**	1	
No Component	85%						
Water Heater							
Gas Fired	15%			2024	\$700	2	
No Component	85%						
Sanitary Piping							
Cast Iron	15%			LIFE	**	1	
No Component	85%						
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Sump Pump(s)							
Submersible	100%			2019	\$6,700	4	\$2,500
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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$102,100	\$54,700
Interior Architecture		\$352,600
Electrical	\$93,500	\$57,900
Total	\$195,600	\$465,200
Importance Code A	\$102,100	\$54,700
Importance Code B	\$93,500	\$410,500
Total	\$195,600	\$465,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$17,400		\$3,900	
Interior Architecture		\$2,900	\$1,500	
Electrical	\$1,200	\$1,300	\$4,400	\$2,600
Mechanical	\$1,200	\$300	\$17,300	\$300
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Total	\$24,700	\$9,400	\$32,200	\$7,900
Importance Code A	\$17,400		\$5,400	
Importance Code B	\$7,300	\$9,400	\$26,800	\$7,900
Importance Code C				
Total	\$24,700	\$9,400	\$32,200	\$7,900



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
E. 149 STREET GARAGE
Asset # : 14319

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	\$10,500	
Concrete Masonry Unit	35%			LIFE	**	5	\$9,200	
Masonry: Brick Cavity	5%	Now	\$7,900	LIFE	**	5	\$2,100	
<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	
Metal: Cage/Fence	5%			2038	**	5	\$9,200	
Pre-Cast Concrete	40%			LIFE	**	5	\$54,700	
<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	
<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	\$1,400	
Metal Rail	5%			2038	**	5-10	\$2,700	
Pre-Cast Concrete	55%			LIFE	**	5	\$10,500	
<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	
Not Accessible	5%							
Interior								
Floors								
Cast in Place Concrete	94%			LIFE	**	5	\$313,700	
Ceramic Tile	3%			2034	**	5	\$4,600	
Vinyl Tile	3%			2025	\$38,900	3	\$1,700	
Interior Walls								
Cast in Place Concrete	8%			LIFE	**			
Concrete Masonry Unit	83%			LIFE	**	5	\$4,900	
Glass: Single Pane	2%			LIFE	**	5	\$200	
Masonry: Brick	7%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	2%			2030	**	5	\$3,100	
Exposed Concrete	98%			LIFE	**	5	\$23,400	

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

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

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2045	**	5	\$3,000	
		<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	
Raceway								
Conduit	100%			2045	**	1		
Panelboards								
Molded Case Bkrs	100%			2041	**	5	\$3,000	
Wiring								
Thermoplastic	100%			2045	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$1,600	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	**	10	\$93,500	
		<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		
Exterior Lighting								
HID	100%			2030	**	10	\$300	
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	**	1	\$8,400	
		<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%							
Generic, Analog	5%			2025	\$57,900	1-3	\$3,500	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : 5th And 4th Floor</i>						
		<i>Explanation : Alarm Bells</i>						
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2035	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site 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
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Conversion Equipment Radiant Heater	2%			2025	\$100	2	
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
	<i>Location : Office Only</i>						
	<i>Explanation : 1 Unit</i>						
No Component	98%						
Air Conditioning							
Energy Source Electricity	100%			2033	**	1	
Conversion Equipment Window/Wall Unit	2%			2020	\$4,200	1	
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
	<i>Location : Office Only</i>						
	<i>Explanation : 1 Unit</i>						
No Component	98%						
Distribution							
No Component	0%						
Ventilation							
Exhaust Fans Wall Unit	5%			2020	\$7,700	2	\$200
No Component	95%						
Plumbing							
H/C Water Piping Brass/Copper	5%			2035	**	1	
No Component	95%						
Water Heater Electric	5%			2018	\$800	4	
No Component	95%						
Sanitary Piping Cast Iron	5%			LIFE	**	1	
No Component	95%						
Storm Drain Piping Cast Iron	100%			LIFE	**	1	
Backflow Preventer No Component	50%						
Generic	50%			2020	\$4,900	1	\$3,100
Fixtures Generic	100%						
Vertical Transport							
Elevators Geared Traction	100%			LIFE	**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
	<i>Location : 1-4 And Roof</i>						
	<i>Explanation : 1 Unit</i>						
Fire Suppression							
Standpipe Generic	100%			2035	**	1-5	\$500

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

Maintenance \$ are aggregated over a ten-year period. Site 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			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression									
Sprinkler									
	No Component	98%							
	Generic	2%			2025	\$200	1-2		

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 30-Oct-2014 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1
Block : 8012 **Lot** : 400 **BIN** : 3325350

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$192,300	
Interior Architecture		\$55,000
Electrical	\$186,700	
Mechanical		\$640,600
Total	\$379,000	\$695,600
Importance Code A	\$192,300	
Importance Code B	\$186,700	\$695,600
Total	\$379,000	\$695,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$48,300			\$3,800
Interior Architecture	\$55,600	\$700	\$200	
Electrical	\$34,500	\$400	\$600	\$17,900
Mechanical	\$14,800	\$2,800	\$4,800	\$6,600
Total	\$153,300	\$3,900	\$5,600	\$28,300
Importance Code A	\$50,100	\$1,800	\$1,800	\$5,700
Importance Code B	\$82,600	\$2,100	\$3,700	\$22,600
Importance Code C	\$20,600			
Total	\$153,300	\$3,900	\$5,600	\$28,300



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

Maintenance \$ are aggregated over a ten-year period. Site 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
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	\$128,600	LIFE	**	5	\$21,300	
<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%			2031	**	5	\$7,700	
Stucco Cement	3%	Now	\$21,300	2046	**	5	\$900	
<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%			2042	**	5	\$3,300	
Parapets								
Masonry: Brick	90%	Now	\$27,000	LIFE	**	5	\$2,300	
<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 : Inside Face</i>								
Masonry: Limestone	10%			LIFE	**	5	\$300	
Roof								
Built-Up (BUR)	10%			2026	\$18,300	10	\$4,000	
<i>Gravel/Slag Surface, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Flat Section</i>								
Metal Panel	87%			2039	**	10	\$63,700	
Roll Roofing	3%			2022	\$4,900	5	\$2,000	
Interior								
Floors								
Cast in Place Concrete	90%	Now	\$26,100	LIFE	**	5	\$55,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Shop Area</i>								
Ceramic Tile	5%			2029	**	5	\$1,400	
Vinyl Tile	5%			2026	\$11,900	3	\$500	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Interior

Interior Walls

Concrete Masonry Unit	5%			LIFE	**	5	\$200	
Glass: Single Pane	2%			LIFE	**	5	\$200	
Masonry: Brick	93%	Now	\$20,600	LIFE	**			

Vertical Cracks, Extent : Moderate, Area Affected : 5%

Location : Upper Level

Ceilings

Exposed Concrete	10%	Now	\$9,000	LIFE	**	5	\$400	
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Cracking/Crumbling, Extent : Light, Area Affected : 10%

Location : Throughout

Exposed Struc: Steel	90%			LIFE	**			
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Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Under 600 Volts

Service Equipment

Fused Disc Sw	100%			2026	\$1,500	5	\$100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Electrical Room

Explanation : One Electrical Service Rated At 400 Amps

Raceway

Conduit	100%			2026	\$3,700	1		
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Panelboards

Molded Case Bkrs	100%			2025	\$14,900	5	\$500	
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Wiring

Braided Cloth	80%	2-4	\$34,100	2051	**	1		
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Insulation Aged, Extent : Moderate, Area Affected : 100%

Location : Office Plus Electrical Room

Thermoplastic	20%			2026	\$1,600	1		
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Motor Controllers

Locally Mounted	100%			2024	\$21,500	5	\$100	
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Ground

Grounding Devices

Generic	100%			LIFE	**	5	\$300	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Basement

Explanation : Water Main

Lighting

Interior Lighting

Fluorescent	30%			2021	\$43,600	10	\$5,100	
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Other Observation, Extent : Moderate, Area Affected : 100%

Location : Throughout The Building

Explanation : T-8 Lamps

HID	70%			2031	**	10	\$400	
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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
FLATLANDS AVENUE YARD MAIN BUILDING**

Asset # : 1000

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

Lighting

Egress Lighting								
Exit, Service	50%			2021	\$2,500	1		
Exit, Battery	50%			2021	\$8,600	10	\$600	
Exterior Lighting								
HID	100%			2021	\$78,500	10	\$100	

Alarm

Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	\$64,600	1-3	\$4,000	

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	

Heating

Energy Source								
Natural Gas	100%			2036	**	1		
Conversion Equipment								
Steam Boiler	100%			2031	**	1	\$18,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units, One Is Obsolete</i>								
Distribution								
Steam Piping/Pump	100%			2026	\$130,100	4	\$1,400	
Terminal Devices								
Convector/Radiator	15%			2024	\$26,400	1	\$900	
Fan Coil Unit/Heat	85%			2026	\$237,200	1	\$5,100	

Air Conditioning

Energy Source								
Electricity	100%			2034	**	1		
Conversion Equipment								
Window/Wall Unit	10%			2021	\$3,800	1		
No Component	90%							

Ventilation

Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$10,400	
Exhaust Fans								
Roof	30%			2026	\$4,400	2	\$200	
Wall Unit	70%			2026	\$19,700	2	\$400	

Plumbing

H/C Water Piping								
Brass/Copper	100%			2026	\$55,700	1		
Water Heater								
Gas Fired	100%			2026	\$4,300	2	\$300	
<i>Recent Installation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</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
FLATLANDS AVENUE YARD MAIN BUILDING**

Asset # : 1000

Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Rigid Piping	100%	0-2	\$11,000	2036	* *	4	\$1,600	
		<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2026	\$217,600	1-2	\$5,200	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : FLATLANDS AVENUE YARD WAREHOUSE AND 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 : 30-Oct-2014 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1
Block : 8012 **Lot** : 400 **BIN** : 3325350

CAPITAL**Total**

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$32,000			\$6,100
Interior Architecture	\$7,000		\$100	\$100
Electrical				\$700
Mechanical	\$1,600	\$100	\$200	\$1,500
Total	\$40,500	\$100	\$300	\$8,400
Importance Code A	\$32,000			\$6,100
Importance Code B	\$4,100	\$100	\$300	\$2,300
Importance Code C	\$4,400			
Total	\$40,500	\$100	\$300	\$8,400



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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND WELDING SHOP

Asset # : 1036

Architecture	Current Repair			Future Replacement		Maintenance		Priority
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	\$25,200	LIFE	**	5	\$2,800	1
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Resting 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%			2031	**	5	\$1,500	
Windows								
Aluminum	100%	Now	\$900	2042	**	5	\$200	
<i>Air Infiltration, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	95%	Now	\$5,700	LIFE	**	5	\$300	1
<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%	Now	\$100	LIFE	**	5		
<i>Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Built-Up (BUR)	100%			2031	**	10	\$5,300	
Interior								
Floors								
Cast in Place Concrete	70%	Now	\$1,400	LIFE	**	5	\$5,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%			2035	**	5	\$200	
Vinyl Tile	25%	0-2	\$800	2031	**	3	\$400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Gypsum Board	25%			LIFE	**	5	\$200	
Masonry: Brick	75%	0-2	\$4,400	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	25%	0-2	\$400	2031	**	5	\$500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Exposed Concrete	75%			LIFE	**	5	\$400	

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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND WELDING SHOP

Asset # : 1036

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2026	\$3,700	1		
Panelboards								
Molded Case Bkrs	100%			2034	* *	5	\$100	
Wiring								
Thermoplastic	100%			2036	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	85%			2034	* *	10	\$1,900	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
HID	10%			2026	\$2,000	10		
Incandescent	5%			2021	\$700	2		

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	
Heating								
Distribution								
Steam Piping/Pump	100%			2036	* *	4	\$100	
Terminal Devices								
Convactor/Radiator	100%			2031	* *	1	\$800	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2021	\$1,000	1		
No Component	80%							
Ventilation								
Exhaust Fans								
Wall Unit	100%			2026	\$3,800	2	\$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	\$1,500	2036	* *	1		
		<i>Corroded, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Water Main And Piping</i>						
Water Heater								
Electric	100%			2021	\$400	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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

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

Asset # : 1036

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	
Plumbing								
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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$313,900	
Interior Architecture		\$131,900
Electrical	\$97,900	
Mechanical	\$71,500	\$293,700
Total	\$483,300	\$425,600
Importance Code A	\$385,400	
Importance Code B	\$97,900	\$425,600
Total	\$483,300	\$425,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$57,800	\$10,900		
Interior Architecture	\$19,700	\$2,100		\$300
Electrical	\$5,700	\$32,400		
Mechanical	\$400	\$11,600	\$3,500	\$1,900
Total	\$83,600	\$57,000	\$3,500	\$2,100
Importance Code A	\$57,800	\$12,600	\$1,500	\$1,500
Importance Code B	\$25,100	\$44,400	\$2,000	\$700
Importance Code C	\$700			
Total	\$83,600	\$57,000	\$3,500	\$2,100



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.

DEPARTMENT OF TRANSPORTATION - 841
GLENDALE YARD BLDG. 1 (SHOPS AND 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
Exterior								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$600	
Masonry: Brick	40%	Now	\$93,200	LIFE	**	5	\$7,700	
<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	
Metal Coiling Doors	5%			2029	**	5	\$3,000	
Stucco Cement	40%	Now	\$44,700	2029	**	5	\$9,700	
<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	\$94,900	2049	**	5	\$11,400	1
<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	\$21,800	2049	**	5	\$3,900	1
<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 AND OFFICES)**

Asset # : 2423

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Parapets								
Masonry: Brick	25%	Now	\$5,900	LIFE	**	5	\$500	
	<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	\$400	LIFE	**	5	\$600	
	<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	\$29,700	2034	**	5	\$8,300	
	<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	\$81,000	2039	**			
	<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	
Not Accessible	15%							
Interior								
Floors								
Cast in Place Concrete	80%			LIFE	**	5	\$38,600	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Interior Not Accessible</i>							
Vinyl Tile	10%			2024	\$18,700	3	\$1,100	
Wood	10%			2039	**	5	\$4,100	

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.

**DEPARTMENT OF TRANSPORTATION - 841
GLENDALE YARD BLDG. 1 (SHOPS AND OFFICES)**

Asset # : 2423

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

Interior

Interior Walls

Cast in Place Concrete	15%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Interior Not Accessible</i>								
Concrete Masonry Unit	5%			LIFE	**	5	\$200	
Gypsum Board	15%			LIFE	**	5	\$800	
Masonry: Brick	55%			LIFE	**			
Plaster	10%	Now	\$700	LIFE	**	5	\$300	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : South Wall Near Door</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 25%</i>								
<i>Location : South Wall Near Door</i>								

Ceilings

Exposed Concrete	15%			LIFE	**	5	\$500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Interior Not Accessible</i>								
Exposed Struc: Steel	10%			LIFE	**			
Fiber Board	65%	Now	\$18,700	2024			\$93,400	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Wood	10%			LIFE	**	5	\$19,300	

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

Under 600 Volts

Service Equipment

Molded Case Bkrs	100%			2024	\$1,500	5	\$400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 400 Amps Main Disconnect Switch</i>								

Raceway

Conduit	100%			2024	\$3,700	1		
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Panelboards

Fused Disc Sw	20%			2023	\$1,500	5	\$100	
Fused Knife Sw	20%	2-4	\$1,500	2049	**	5		
<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Molded Case Bkrs	60%			2023	\$4,500	5	\$300	
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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 AND OFFICES)

Asset # : 2423

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	\$4,100	2049	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	50%			2024	\$4,100	1		
Motor Controllers								
Locally Mounted	100%			2022	\$14,400	5	\$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	70%			2019	\$22,500	10	\$9,500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
HID	30%			2019	\$36,000	10	\$100	
Exterior Lighting								
HID	100%			2019	\$61,900	10	\$100	
Alarm								
Security System								
Not Accessible	100%							
Fire/Smoke Detection								
Not Accessible	100%							

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	
Heating								
Energy Source								
Fuel Oil No 2	100%			2024	\$36,200	5	\$4,600	
Conversion Equipment								
Steam Boiler	100%	Now	\$71,500	2044	**	1	\$13,100	
<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>								
Distribution								
Steam Piping/Pump	100%			2024	\$102,600	4	\$700	
Terminal Devices								
Convactor/Radiator	80%			2022	\$111,000	1	\$3,800	
Unit Heater-Stm/HW	20%			2024	\$19,000	4	\$300	
Air Conditioning								
Energy Source								
Electricity	100%			2032	**	1		

Note : 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
GLENDALE YARD BLDG. 1 (SHOPS AND OFFICES)
Asset # : 2423

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Conversion Equipment							
Window/Wall Unit	10%			2019	\$3,000	1	
No Component	90%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	* *	2-5	\$8,200
Exhaust Fans							
Wall Unit	20%			2019	\$4,400	2	\$100
No Component	80%						
Plumbing							
H/C Water Piping							
Galv Iron/Steel	100%			2022	\$43,900	1	
Water Heater							
Electric	100%			2023	\$2,300	4	\$100
Sanitary 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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : GLENDALE YARD BLDG. 7 (GARAGE AND 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

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$34,000	\$11,500	\$500	
Interior Architecture	\$10,400		\$200	
Electrical		\$200		
Mechanical	\$300	\$300	\$300	\$300
Total	\$44,600	\$12,000	\$900	\$300
Importance Code A	\$34,300	\$11,800	\$700	\$300
Importance Code B		\$200	\$200	
Importance Code C	\$10,400			
Total	\$44,600	\$12,000	\$900	\$300



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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND STORAGE)

Asset # : 2424

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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%			LIFE	**	5	\$6,700	
Masonry: Brick	75%	Now	\$30,300	LIFE	**	5	\$5,000	
<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	
Windows								
Aluminum	100%			2040	**	5	\$900	
Parapets								
Masonry: Brick	45%	Now	\$3,700	LIFE	**	5	\$300	
<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	
Metal Panel	5%			2044	**	5	\$100	
Roof								
Modified Bitumen	100%			2029	**	10	\$10,900	
Interior								
Floors								
Cast in Place Concrete	75%			LIFE	**	5	\$12,600	
Vinyl Tile	25%			2029	**	3	\$700	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$100	
Gypsum Board	10%	0-2	\$100	LIFE	**	5	\$200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Men Locker Room</i>								
Masonry: Brick	85%	Now	\$10,300	LIFE	**			
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	25%			2037	**	5	\$1,900	
Exposed Concrete	75%			LIFE	**	5	\$900	

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

Under 600 Volts

Switchgear / Switchboard

Molded Case Bkrs

100%

2054

**

5

\$200

Recent Installation, Extent : Light, Area Affected : 100%

Location : Throughout

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

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

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

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

Asset # : 2424

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

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	Priority
Heating								
Energy Source								
Natural Gas	100%			2044	**	1		
<hr/>								
Conversion Equipment								
Furnace	100%			2029	**	1	\$2,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : 3 Units</i>						
<hr/>								
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		
<hr/>								
Conversion Equipment								
Window/Wall Unit	40%			2022	\$4,200	1		
No Component	60%							

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.

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

Asset # : 2424

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	Priority
Ventilation								
Exhaust Fans								
Wall Unit	40%			2029	* *	2	\$100	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater								
Electric	100%			2023	\$800	4		
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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$38,400
Total		\$38,400
Importance Code A		\$38,400
Total		\$38,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture				\$3,500
Interior Architecture	\$1,700			\$700
Electrical	\$29,000	\$1,100	\$15,800	\$1,500
Mechanical	\$2,200	\$1,400	\$2,500	\$1,400
Total	\$33,000	\$2,400	\$18,400	\$7,100
Importance Code A	\$2,200	\$700	\$700	\$4,200
Importance Code B	\$30,800	\$1,700	\$17,700	\$2,900
Importance Code C				
Total	\$33,000	\$2,400	\$18,400	\$7,100



*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.*

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	97%			LIFE	**	5	\$38,400	
Pre-Cast Concrete	3%			LIFE	**	5	\$3,900	
Windows								
Aluminum	50%			2041	**	5	\$1,500	
Fiberglass Panel	50%			2041	**	5	\$5,500	
Parapets								
Masonry: Brick	95%			LIFE	**	5	\$5,200	
Pre-Cast Concrete	5%			LIFE	**	5	\$1,700	
Roof								
Single Ply Membrane	100%			2033	**	10	\$19,900	
Interior								
Floors								
Cast in Place Concrete	70%			LIFE	**	5	\$32,500	
Terrazzo	5%			LIFE	**	5	\$800	
Vinyl Tile	25%			2030	**	3	\$2,700	
Interior Walls								
Concrete Masonry Unit	90%			LIFE	**	5	\$6,800	
Glass: Single Pane	5%			LIFE	**	5	\$700	
SGFT/Glazed Masonry	5%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	10%			2038	**	5	\$2,100	
Exposed Struc: Steel	75%			LIFE	**			
Gypsum Board	15%			LIFE	**	5	\$4,000	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%	2-4	\$1,500	2055	**	5		
<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>								
Switchgear / Switchboard								
Fused Disc Sw	100%	Now	\$24,400	2055	**	5		
<i>Suspect Water Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Basement Electrical Room</i>								
Raceway								
Conduit	90%			2051	**	1		
Conduit	10%	Now	\$400	2055	**	1		
<i>Corroded, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement Electrical Room</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 BRIDGE SHOP GARAGE 1
Asset # : 549

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Panelboards								
Fused Disc Sw	3%	Now	\$200	2050	**	5		
<i>Suspect Water Damage, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement Electrical Room</i>								
Fused Disc Sw	2%			2050	**	5		
Fused Disc Sw	5%			2041	**	5		
Molded Case Bkrs	85%			2041	**	5	\$300	
Molded Case Bkrs	5%	Now	\$400	2050	**	5		
<i>Suspect Water Damage, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Basement</i>								
Wiring								
Thermoplastic	90%			2045	**	1		
Thermoplastic	10%	Now	\$800	2055	**	1		
<i>Suspect Water Damage, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Motor Controllers								
Locally Mounted	90%			2038	**	5	\$100	
Locally Mounted	10%			2045	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	**	10	\$13,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Egress Lighting								
Emergency, Battery	50%			2030	**	10	\$1,700	
Exit, LED	25%			2053	**	1		
Exit, Service	25%			2030	**	1		
Exterior Lighting								
HID	100%			2030	**	10		
Alarm								
Security System								
No Component	50%							
Generic	50%			2030	**	1	\$2,700	
Fire/Smoke Detection								
Generic	100%			2033	**	1-3	\$9,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : Siemens Main Control Panel</i>								

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	Priority

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

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	\$100	
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	\$7,900	
Exhaust Fans								
Roof	100%			2030	* *	2	\$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2045	* *	1		
Water Heater								
Gas Fired	100%			2024	\$3,300	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	\$2,500	

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

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

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Plumbing								
	Backflow Preventer							
	Generic	100%			2030	* *	1	\$900
Fixtures								
	Generic	100%						
Fire Suppression								
	Sprinkler							
	Generic	100%			2045	* *	1-2	\$4,000

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$46,700
Total		\$46,700
Importance Code A		\$46,700
Total		\$46,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture				\$23,200
Interior Architecture	\$19,600			\$3,600
Electrical	\$1,900	\$1,500	\$1,500	\$1,900
Mechanical	\$1,700	\$2,500	\$3,200	\$2,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$27,100	\$7,900	\$8,700	\$34,900
Importance Code A	\$1,000	\$1,000	\$1,000	\$24,200
Importance Code B	\$26,100	\$6,900	\$7,700	\$10,800
Importance Code C				
Total	\$27,100	\$7,900	\$8,700	\$34,900



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
HARLEM RIVER BRIDGE SHOP GARAGE 2
Asset # : 550

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	80%			LIFE	**	5	\$18,500	
Metal Panel	20%			2051	**	5-10	\$31,800	
Windows								
Aluminum	100%			2047	**	5	\$8,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$2,500	
Masonry: Brick	90%			LIFE	**	5	\$2,900	
Roof								
Single Ply Membrane	100%			2033	**	10	\$46,700	
Interior								
Floors								
Traffic Topping	5%			2033	**	5	\$1,900	
Vinyl Tile	95%			2033	**	3	\$14,300	
Interior Walls								
Concrete Masonry Unit	90%			LIFE	**	5	\$10,900	
Glazed Ceramic Panel	5%			LIFE	**			
Gypsum Board	5%			LIFE	**	5	\$900	
Ceilings								
AcousTileSusp.Lay-In	100%			2038	**	5	\$30,100	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Raceway								
Conduit	100%			2051	**	1		
Panelboards								
Fused Disc Sw	10%			2047	**	5		
Molded Case Bkrs	90%			2047	**	5	\$500	
Wiring								
Thermoplastic	100%			2051	**	1		
Motor Controllers								
Locally Mounted	100%			2042	**	5	\$100	
Lighting								
Interior Lighting								
Fluorescent	90%			2033	**	10	\$16,600	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 90% Location : Throughout The Building</i>						
Fluorescent	10%			2033	**	10	\$1,800	
		<i>T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 10% Location : Shop And Storage</i>						
Egress Lighting								
Emergency, Battery	50%			2033	**	10	\$2,400	
Exit, LED	50%			2060	**	1		

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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
HARLEM RIVER BRIDGE SHOP GARAGE 2
Asset # : 550

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
Lighting								
Exterior Lighting								
HID	100%			2033	**	10	\$100	
Alarm								
Security System								
No Component	50%							
Generic	50%			2033	**	1	\$3,800	
Fire/Smoke Detection								
Generic, Digital	100%			2033	**	1-3	\$12,800	
Mechanical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	100%			2051	**	1		
Conversion Equipment								
Furnace	80%			2033	**	1	\$8,000	
			<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	
			<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	\$300	
No Component	80%							
Terminal Devices								
Convactor/Radiator	20%			2042	**	1	\$1,300	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2047	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2033	**	2	\$1,200	
			<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 3 Units, Roof</i>					
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,200	
Exhaust Fans								
Roof	100%			2033	**	2	\$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2051	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Gas Fired	100%			2024	\$4,700	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2033	* *	1	\$1,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
		<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	

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : HARPER ST. ASPHALT PLANT
Address : 30-01 HARPER STREET
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0217.000 / 14715 **Yr Built/Renovated** : 1950 /
Area Sq Ft : 10,800 **Project Type** : HIGHWAYS
Date of Survey : 13-Apr-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 1791 **Lot** : 52 **BIN** : 4045011

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Electrical	\$40,700	\$73,000
Total	\$40,700	\$73,000
Importance Code B	\$40,700	\$73,000
Total	\$40,700	\$73,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$18,100			\$2,700
Interior Architecture	\$2,900	\$4,600	\$1,200	
Electrical	\$2,700	\$1,200	\$1,300	\$24,600
Mechanical	\$1,200	\$800	\$1,400	\$800
Total	\$24,900	\$6,700	\$4,000	\$28,100
Importance Code A	\$18,400	\$500	\$300	\$3,100
Importance Code B	\$6,500	\$6,200	\$3,500	\$24,900
Importance Code C			\$100	
Total	\$24,900	\$6,700	\$4,000	\$28,100



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.

DEPARTMENT OF TRANSPORTATION - 841
HARPER ST. ASPHALT PLANT
Asset # : 14715

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
Exterior								
Exterior Walls								
Alum/Vinyl Siding	20%	Now	\$5,600	2036	**			
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Two Story Section</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Two Story Section</i>								
Metal, Corrugated	65%	Now	\$8,000	2036	**	1		
<i>Deformed/Dented, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Metal Sect. OHD	10%			2031	**	5	\$5,300	
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : East And South Facades</i>								
<i>Explanation : Deformed Dented</i>								
Wood	5%	Now	\$4,400	2031	**	5	\$2,100	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Sectional Door Frames</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Sectional Door Frames</i>								
No Component	0%							
Windows								
Aluminum	100%			2042	**	5	\$2,300	
Roof								
Metal, Corrugated	80%			2031	**	1		
Roll Roofing	20%			2022	\$11,400	5	\$4,600	
Interior								
Floors								
Cast in Place Concrete	75%			LIFE	**	5	\$23,800	
Ceramic Tile	15%			2035	**	5	\$2,200	
Wood	10%			2054	**	5	\$2,700	
Interior Walls								
Ceramic Tile	5%			2035	**	5	\$300	
Concrete Masonry Unit	25%			LIFE	**	5	\$600	
Gypsum Board	15%			LIFE	**	5	\$500	
Gypsum Board	55%			LIFE	**	5	\$1,900	

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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
HARPER ST. ASPHALT PLANT
Asset # : 14715

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%	Now	\$2,900	2039	**	5	\$1,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : One Story Wing</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 100%</i>								
<i>Location : One Story Wing</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 50%</i>								
<i>Location : One Story Wing</i>								
AcousTileSusp.Lay-In	45%			2039	**	5	\$6,500	
Exposed Struc: Steel	15%			LIFE	**			
Gypsum Board	15%			LIFE	**	5	\$2,700	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$1,500	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 400a Main Disconnect Switch For Main Office Building</i>								
Transformers								
Dry Type	100%			2024	\$15,800	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 112.5 Kva 480hv-208/120lv</i>								
Switchgear / Switchboard								
Fused Disc Sw	50%			2026	\$12,200	5		
Molded Case Bkrs	50%			2026	\$12,200	5	\$100	
Raceway								
Conduit	100%			2026	\$3,700	1		
Panelboards								
Fused Disc Sw	10%			2025	\$700	5		
Molded Case Bkrs	90%			2025	\$6,700	5	\$300	
Wiring								
Thermoplastic	100%			2026	\$8,200	1		
Motor Controllers								
Locally Mounted	20%			2024	\$2,900	5		
Motor Control Center	80%			2024	\$2,600	5	\$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2024	\$8,900	1	\$3,300	

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

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DEPARTMENT OF TRANSPORTATION - 841
HARPER ST. ASPHALT PLANT
Asset # : 14715

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	100%			2022	\$73,000	1	\$4,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room - Main Office Building</i>								
<i>Explanation : One 500 Kw, One 800 Kw And One 900 Kw. The Three Generators Are For The Asphalt Plant Only</i>								
Batteries								
Lead/Acid	100%			2018	\$1,500	5	\$400	
Fuel Storage								
Day Tank								
	25%			2025	\$200	5	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Genrator Room</i>								
<i>Explanation : One 125 Gallons</i>								
Main Tank	75%			2029	* *	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Three 25,000 Gallon</i>								
Lighting								
Interior Lighting								
Fluorescent								
	90%			2031	* *	10	\$8,000	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
HID								
	5%			2021	\$4,000	10		
Incandescent								
	5%			2021	\$2,500	2		
Egress Lighting								
Emergency, Battery								
	50%			2021	\$6,500	10	\$1,200	
Exit, Service								
	50%			2021	\$1,300	1		
Exterior Lighting								
HID								
	100%			2021	\$40,700	10		
Alarm								
Security System								
No Component								
	50%							
Generic								
	50%			2026	\$16,300	1	\$2,000	

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	Priority
Heating								
Energy Source								
Electricity	20%			2046	* *	1		
Natural Gas	80%			2036	* *	1		

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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
HARPER ST. ASPHALT PLANT
Asset # : 14715

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	
Heating								
Conversion Equipment								
Furnace	60%			2026	\$7,100	1	\$2,900	
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Garage</i>								
<i>Explanation : 3 Units</i>								
Radiant Heater	20%			2031	* *	2	\$900	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : 2 Units</i>								
No Component	20%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Office</i>								
<i>Explanation : Heating Is Provided By A Heat Pump Listed Only Under Air Conditioning Conversion Equipment</i>								
Terminal Devices								
Air Handler	20%			2026	\$8,300	1	\$1,200	
Fan Coil Unit/Heat	20%			2026	\$23,200	1	\$600	
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Heat Pump	20%			2024	\$4,700	2	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Office</i>								
<i>Explanation : 1 Unit - Provides Both Heating And Cooling</i>								
Split Unit	20%			2026	\$8,900			
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Laboratory</i>								
<i>Explanation : 1 Unit</i>								
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2026	\$3,300	1	\$1,200	
Fan Coil - Cool/Heat	20%			2026	\$14,600	1	\$600	
No Component	60%							
Heat Rejection								
Remote Air Cond	40%			2026	\$9,200	2	\$2,700	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	\$1,100	
No Component	80%							
Exhaust Fans								
Interior	20%			2026	\$2,100	2	\$100	
No Component	80%							
Plumbing								

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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
HARPER ST. ASPHALT PLANT
Asset # : 14715

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Plumbing									
	H/C Water Piping								
	Brass/Copper	100%			2036	* *	1		
	Water Heater								
	Electric	100%			2024	\$1,500	4	\$100	
	Sanitary 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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 09-Oct-2014 **Landmark Status** : NONE
Areas Surveyed : Floors 1,2,3
Block : 3328 **Lot** : 10 **BIN** : 2017791

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$212,800	\$106,200
Interior Architecture	\$73,100	
Electrical	\$879,800	\$48,800
Total	\$1,165,600	\$155,000
Importance Code A	\$212,800	\$106,200
Importance Code B	\$952,800	\$48,800
Total	\$1,165,600	\$155,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$39,800			
Interior Architecture				
Electrical	\$2,300	\$300	\$1,300	\$28,700
Mechanical		\$7,900		\$200
Total	\$42,100	\$8,200	\$1,300	\$28,800
Importance Code A	\$39,800			\$1,200
Importance Code B	\$2,300	\$8,200	\$1,300	\$27,600
Importance Code C				
Total	\$42,100	\$8,200	\$1,300	\$28,800



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

Maintenance \$ are aggregated over a ten-year period. Site 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
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	\$119,600	LIFE	**	5	\$106,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Street Facade</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 10%</i>								
<i>Location : Street Facade</i>								
Metal Sect. OHD	5%	Now	\$8,300	2031	**	5	\$2,100	
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Street Facade</i>								
<i>Explanation : Broken Missing Elements</i>								
Metal: Cage/Fence	15%	Now	\$9,000	2031	**	5	\$8,700	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Street Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Street Facade</i>								
<hr/>								
Windows								
Steel	5%	Now	\$4,200	2051	**	5	\$500	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Ticket Office</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Ticket Office</i>								
No Component	95%							
<hr/>								
Parapets								
Cast in Place Concrete	75%	Now	\$15,200	LIFE	**	5	\$24,700	
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal: Cage/Fence	25%	Now	\$3,200	2031	**	5	\$2,600	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</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/>								
Roof								
Cast in Place Concrete	100%	Now	\$93,200	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Top Ramp</i>								
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Exterior Ramps Up Top</i>								
<i>Recent Repair Evident, Extent : Light, Area Affected : 25%</i>								
<i>Location : Top Ramp - Expansion Joint</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.

** 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Asphalt Poured	100%	Now	\$73,100	2031	**	5	\$26,800	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Uneven Surface, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Cast in Place Concrete	75%			LIFE	**			
<i>Vertical Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	23%			LIFE	**	5	\$900	
Glass: Single Pane	2%			LIFE	**	5	\$200	
Ceilings								
Exposed Concrete	100%			LIFE	**	5	\$16,700	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : New Painted Surface</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2026	\$2,500	5	\$2,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 1200 Amps</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	\$48,800	5	\$2,100	
Raceway								
Conduit	100%			2026	\$9,400	1		
Panelboards								
Molded Case Bkrs	100%			2025	\$29,800	5	\$2,100	
Wiring								
Braided Cloth	10%	2-4	\$2,000	2051	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	90%			2026	\$18,400	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
HID	100%			2021	\$583,400	10	\$2,300	
Exterior Lighting								
HID	100%			2021	\$296,300	10	\$200	

Alarm

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

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

*** 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

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

Alarm

Security System

No Component

90%

Generic

10%

2021

\$23,700

1

\$2,900

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

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

Heating

Energy Source

Electricity

100%

2036

* *

1

Conversion Equipment

Radiant Heater

5%

2021

\$200

2

No Component

95%

Air Conditioning

Energy Source

Electricity

100%

2034

* *

1

Conversion Equipment

Window/Wall Unit

5%

2019

\$7,300

1

No Component

95%

Plumbing

H/C Water Piping

Brass/Copper

5%

2036

* *

1

No Component

95%

Water Heater

Electric

5%

2019

\$600

4

No Component

95%

Sanitary Piping

Cast Iron

5%

LIFE

* *

1

No Component

95%

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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$639,900	\$1,063,400
Interior Architecture	\$899,000	\$386,200
Electrical	\$702,600	\$95,600
Total	\$2,241,500	\$1,545,200
Importance Code A	\$639,900	\$1,063,400
Importance Code B	\$1,039,000	\$481,800
Importance Code C	\$562,600	
Total	\$2,241,500	\$1,545,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$2,400	\$6,600		
Interior Architecture	\$68,900			\$500
Electrical	\$1,000	\$50,700	\$1,400	\$600
Mechanical	\$800	\$600	\$600	\$600
Elevators/Escalators	\$13,800	\$13,800	\$13,800	\$13,800
Total	\$86,800	\$71,800	\$15,800	\$15,500
Importance Code A	\$2,400	\$7,600		\$600
Importance Code B	\$46,100	\$64,200	\$15,800	\$14,900
Importance Code C	\$38,400			
Total	\$86,800	\$71,800	\$15,800	\$15,500



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

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

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

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
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%	0-2	\$43,400	LIFE	**	5	\$77,100	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Masonry: Brick	20%	0-2	\$92,900	LIFE	**	5	\$61,600	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Metal Panel	60%			2044	**	5-10	\$1,271,500	
Metal Sect. OHD	5%			2037	**	5	\$48,200	
Granite Panels	10%			LIFE	**	5	\$23,100	
Windows								
Steel	5%	Now	\$107,900	2049	**	5	\$12,900	
	<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%							
Parapets								
Cast in Place Concrete	40%	0-2	\$2,400	LIFE	**	5	\$19,300	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
Masonry: Brick	10%			LIFE	**	5	\$500	
Metal Panel	45%			2034	**	5	\$8,100	
Metal Rail	5%			2029	**	5-10	\$4,200	
Roof								
Asphalt Macadam	100%	0-2	\$49,000	2029	**	5	\$23,900	
	<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>							
Interior								
Floors								
Asphalt Macadam	10%	0-2	\$20,300	2037	**	5	\$5,000	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Cast in Place Concrete	88%	0-2	\$183,300	LIFE	**	5	\$386,200	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Vinyl Tile	2%	0-2	\$10,200	2024	\$34,100	3	\$1,500	
	<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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Cast in Place Concrete	50%	0-2	\$515,000	LIFE	**			
<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	\$22,600	LIFE	**	5	\$8,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	15%	0-2	\$47,600	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	10%	0-2	\$15,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Concrete	95%	Now	\$153,100	LIFE	**	5	\$29,800	
<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	
Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2024	\$4,800	5	\$600	
<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>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2024	\$73,200	5	\$3,900	
Raceway								
Conduit	50%			2024	\$7,500	1		
Conduit	50%			2044	**	1		
Panelboards								
Molded Case Bkrs	50%			2040	**	5	\$2,000	
Molded Case Bkrs	50%			2023	\$22,400	5	\$2,000	
Wiring								
Thermoplastic	100%			2034	**	1		

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

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

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	5%			2019	\$14,700	10	\$6,100	
		<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	
Egress Lighting								
Exit, Service	50%			2019	\$18,100	1		
Exit, Battery	50%			2019	\$61,600	10	\$4,500	
Exterior Lighting								
HID	100%			2019	\$563,700	10	\$500	
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic	5%	Now	\$77,300	2034	**	1-3	\$4,200	
		<i>Not in Service, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Office Room</i>						

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	
Heating								
Energy Source								
Electricity	100%			2044	**	1		
Conversion Equipment								
Radiant Heater	5%			2029	**	2	\$3,100	
No Component	95%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Window/Wall Unit	5%			2022	\$13,800	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	5%			LIFE	**	2-5	\$3,700	
No Component	95%							
Exhaust Fans								
Interior	5%	Now	\$400	2029	**	2	\$200	
		<i>Malfunctioning, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : 2 Of 4 Exhaust Fans With Electrical Defect</i>						
No Component	95%							

Plumbing

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

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

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

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

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	
Plumbing								
H/C Water Piping Brass/Copper	100%			2044	* *	1		
Water Heater Electric	100%			2022	\$20,700	4	\$1,200	
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Cast Iron	100%			LIFE	* *	1		
Backflow Preventer Not Accessible	100%							
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1-7</i>						
		<i>Explanation : 2 Units</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : KENT AVENUE BRIDGE COMPLEX GARAGE 1 AND 1A
Address : 372 KENT AVENUE @ WILLIAMSBURG BRIDGE
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0095.000 / 551 **Yr Built/Renovated** : 1930 /
Area Sq Ft : 13,889 **Project Type** : HIGHWAYS
Date of Survey : 02-Jul-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,3
Block : 2453 **Lot** : 1 **BIN** : 3335960

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$276,700	
Electrical		\$100,500
Total	\$276,700	\$100,500
Importance Code A	\$276,700	
Importance Code B		\$100,500
Total	\$276,700	\$100,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$35,800			
Interior Architecture	\$700		\$500	\$500
Electrical	\$700	\$900	\$900	\$800
Mechanical	\$1,500	\$2,500	\$1,200	\$18,300
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$42,700	\$7,300	\$6,600	\$23,600
Importance Code A	\$36,400	\$800	\$500	\$800
Importance Code B	\$6,300	\$6,500	\$6,000	\$22,800
Importance Code C				
Total	\$42,700	\$7,300	\$6,600	\$23,600



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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND 1A

Asset # : 551

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Exposed Struc: Steel	5%	Now	\$171,600	LIFE	**	5	\$5,700	1
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout Metal Stairs</i>								
Masonry: Brick	95%	Now	\$105,100	LIFE	**	5	\$34,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Windows								
Aluminum	100%	Now	\$15,000	2042	**	5	\$1,800	
<i>Crwt/Balnc Not Funct, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Metal Panel	100%	Now	\$20,800	2039	**			
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Drains Clogged, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	75%			LIFE	**	5	\$34,100	
Ceramic Tile	5%			2035	**	5	\$1,000	
Vinyl Tile	20%	Now	\$700	2031	**	3	\$1,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Concrete Masonry Unit	75%			LIFE	**	5	\$12,900	
Masonry: Brick	25%			LIFE	**			
Ceilings								
Exposed Struc: Steel	20%			LIFE	**			
Gypsum Board	80%			LIFE	**	5	\$16,400	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Not Accessible	100%							
Switchgear / Switchboard								
Fused Disc Sw	100%			2036	**	5	\$100	
Raceway								
Conduit	100%			2036	**	1		
Panelboards								
Fused Disc Sw	5%			2034	**	5		
Molded Case Bkrs	95%			2034	**	5	\$300	
Wiring								
Thermoplastic	100%			2036	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND 1A

Asset # : 551

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2031	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2026	\$30,400	10	\$12,700	
Egress Lighting								
Emergency, Battery	50%			2026	\$9,400	10	\$1,700	
Exit, Service	50%			2026	\$1,900	1		
Exterior Lighting								
HID	50%			2026	\$26,200	10		
No Component	50%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	\$12,600	1	\$1,600	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2026	\$100,500	1-3	\$6,000	

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	
Heating								
Energy Source								
Electricity	20%			2046	**	1		
Natural Gas	80%			2046	**	1		
Conversion Equipment								
Hot Water Boiler	80%			2039	**	1	\$5,500	
			<i>Boiler Used For Hot Water, Extent : Light, Area Affected : 80%</i>					
			<i>Location : Boiler Room</i>					
Radiant Heater	20%			2031	**	2	\$1,300	
Distribution								
Hot Wtr Piping/Pump	80%			2042	**	4	\$800	
No Component	20%							
Terminal Devices								
Convactor/Radiator	10%			2039	**	1	\$500	
Unit Heater-Stm/HW	70%			2031	**	4	\$1,300	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2042	**	1		

Note : 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
KENT AVENUE BRIDGE COMPLEX GARAGE 1 AND 1A

Asset # : 551

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	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%			2021	\$17,100	1		
No Component	40%							
Ventilation								
Exhaust Fans								
Wall Unit	40%			2031	* *	2	\$200	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Electric	20%			2024	\$400	4		
No Component	80%							
		<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		
Sump Pump(s)								
Rigid Piping	100%			2031	* *	4	\$2,500	
Backflow Preventer								
Generic	100%			2031	* *	1	\$900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1-3</i>						
		<i>Explanation : 1 Unit</i>						
Fire Suppression								
Sprinkler								
Generic	100%			2046	* *	1-2	\$3,900	

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.*

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 11-Mar-2016 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,2
Block : 2675 **Lot** : 15 **BIN** : 4059838

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$1,239,100	\$1,132,700
Interior Architecture	\$654,700	\$246,300
Electrical		\$710,000
Mechanical	\$254,900	\$2,539,000
Total	\$2,148,800	\$4,628,000
Importance Code A	\$1,278,100	\$1,132,700
Importance Code B	\$803,000	\$3,495,300
Importance Code C	\$67,600	
Total	\$2,148,800	\$4,628,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$3,700			
Interior Architecture	\$88,600			\$7,500
Electrical	\$24,600	\$1,000	\$1,700	\$2,500
Mechanical	\$29,500	\$18,700	\$23,100	\$16,700
Total	\$146,500	\$19,700	\$24,800	\$26,700
Importance Code A	\$4,700	\$8,900	\$8,900	\$8,900
Importance Code B	\$116,000	\$10,800	\$15,800	\$17,800
Importance Code C	\$25,800			
Total	\$146,500	\$19,700	\$24,800	\$26,700



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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$87,800	
Concrete Masonry Unit	60%			LIFE	**	5	\$131,800	
Masonry: Brick	25%	Now	\$264,600	LIFE	**	5	\$43,900	
<i>Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : North Facade</i>								
Metal Coiling Doors	10%			2032	**	5	\$54,900	
Windows								
Steel	100%	Now	\$615,300	2035	**	5	\$147,500	
<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>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Clerstory Windows Above South Bay And Stock Room</i>								
Parapets								
Metal: Cage/Fence	10%	Now	\$3,700	2032	**	5	\$3,000	
<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	90%							
Roof								
Modified Bitumen	100%	Now	\$249,400	2027			\$831,500	
<i>Blisters, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Side And Throughout</i>								
<i>Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above Shops And At Curbs Of Clerstory Windows</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.

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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	75%	Now	\$233,800	LIFE	**	5	\$246,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Shops</i>								
Ceramic Tile	5%			2036	**	5	\$7,500	
Vinyl Tile	20%	Now	\$254,800	2037	**	3	\$11,300	
<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 Corridor And Offices</i>								
<i>Explanation : 9x9 Tiles</i>								
Interior Walls								
Concrete Masonry Unit	75%			LIFE	**	5	\$36,600	
Concrete Masonry Unit	5%	Now	\$67,600	LIFE	**	5	\$1,200	
<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	\$4,600	
Gypsum Board	5%			LIFE	**	5-10	\$5,200	
Masonry: Brick	10%			LIFE	**	10	\$1,800	
Ceilings								
AcousTileSusp.Lay-In	10%			2032	**	5	\$15,000	
Exposed Concrete	60%			LIFE	**	5-10	\$112,600	
Exposed Struc: Steel	10%			LIFE	**	10	\$30,000	
Plaster	20%			LIFE	**	5-10	\$51,600	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	25%			2027	\$1,200	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room 3</i>								
<i>Explanation : One 225 Amps Main Disconnect Switch</i>								
Fused Disc Sw	25%			2027	\$1,200	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room 2</i>								
<i>Explanation : One 600 Amps Main Disconnect Switch</i>								
Fused Disc Sw	50%			2027	\$2,400	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room 1</i>								
<i>Explanation : One 3000 Amps Main Disconnect Switch</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
MASPETH CENTRAL SHOPS
Asset # : 169

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Switchgear / Switchboard								
Fused Disc Sw	80%			2027	\$58,500	5	\$400	
Molded Case Bkrs	20%			2027	\$14,600	5	\$600	
Raceway								
Conduit	100%			2027	\$15,000	1		
Panelboards								
Fused Disc Sw	5%			2026	\$2,200	5	\$100	
Molded Case Bkrs	95%			2026	\$42,500	5	\$2,800	
Wiring								
Braided Cloth	30%	2-4	\$9,800	2052	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	70%			2027	\$22,800	1		
Motor Controllers								
Locally Mounted	100%			2025	\$93,400	5	\$800	
Ground								
Grounding Devices								
Generic	50%			LIFE	**	5	\$1,600	
Generic	50%			LIFE	**	5	\$1,600	
Lighting								
Interior Lighting								
Fluorescent	98%			2032	**	10	\$90,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
HID	2%			2032	**	10	\$100	
Egress Lighting								
Emergency, Battery	50%			2022	\$67,500	10	\$12,100	
Exit, Service	50%			2022	\$13,500	1		
Exterior Lighting								
Incandescent	100%			2022	\$357,900	2	\$200	
Alarm								
Security System								
No Component	90%							
Generic	10%			2032	**	1	\$4,200	
Fire/Smoke Detection								
No Component	90%							
Generic, Digital	10%			2032	**	1-3	\$6,900	

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	

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.

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

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	
Heating								
Energy Source								
Natural Gas	20%			2037	* *	1		
Interruptible Gas/Dual Fuel	80%			2037	* *	1		
Conversion Equipment								
Furnace	20%			2027	\$24,500	1	\$9,900	
<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	\$39,000	2032	* *	1	\$71,500	
<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%			2027	\$559,200	4	\$5,900	
No Component	20%							
Terminal Devices								
Air Handler	40%	Now	\$215,900	2037	* *	1	\$22,300	
<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%			2032	* *	1	\$3,200	
Fan Coil Unit/Heat	30%			2027	\$449,700	1	\$9,700	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2027	\$132,000	2	\$1,200	
<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%			2022	\$20,600	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	\$17,300	LIFE	* *	2-5	\$55,900	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ventilation								
Exhaust Fans								
Roof	100%	Now	\$8,000	2027	\$79,600	2	\$2,500	
<i>Not in Service, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Roof</i>								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2037	**	1		
Galv Iron/Steel	50%			2025	\$149,500	1		
Water Heater								
Electric	5%			2025	\$800	4		
Gas Fired	40%			2022	\$9,300	2	\$600	
No Component	55%							
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2027	\$1,169,000	1-2	\$28,100	

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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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Interior Architecture	\$156,900	\$165,300
Total	\$156,900	\$165,300
Importance Code B	\$156,900	\$165,300
Total	\$156,900	\$165,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$50,200		\$7,300	
Interior Architecture	\$5,800	\$300		
Electrical	\$1,700	\$1,600	\$20,300	\$2,600
Mechanical		\$500	\$3,600	\$500
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
Total	\$62,600	\$7,300	\$36,100	\$8,100
Importance Code A	\$50,200		\$7,700	
Importance Code B	\$12,400	\$7,300	\$28,500	\$8,100
Importance Code C				
Total	\$62,600	\$7,300	\$36,100	\$8,100



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.

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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%			LIFE	**	5	\$27,800	
Concrete Masonry Unit	20%			LIFE	**	5	\$3,500	
Exposed Struc: Steel	8%			LIFE	**	5	\$6,900	
Masonry: Brick	15%			LIFE	**	5	\$4,200	
Metal Panel	5%			2045	**	5-10	\$9,600	
Metal Sect. OHD	2%			2038	**	5	\$1,700	
Metal: Cage/Fence	25%			2038	**	5	\$30,400	
Window Wall	5%			2045	**	5	\$5,200	
Parapets								
Cast in Place Concrete	20%			LIFE	**	5	\$4,100	
Masonry: Brick	10%			LIFE	**	5	\$200	
Metal: Cage/Fence	70%			2038	**	5-10	\$10,800	
Roof								
Cast in Place Concrete	95%	Now	\$27,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Single Ply Membrane	5%			2030	**	10	\$2,100	
Interior								
Floors								
Asphalt Macadam	23%			2038	**	5	\$11,600	
Cast in Place Concrete	75%	Now	\$156,900	LIFE	**	5	\$165,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	2%			2025		3	\$800	
Interior Walls								
Cast in Place Concrete	25%			LIFE	**			
Concrete Masonry Unit	75%			LIFE	**	5	\$2,900	
Ceilings								
Exposed Struc: Steel	100%			LIFE	**			

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2045	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 800 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2045	**	5	\$1,900	
Raceway								
Conduit	100%			2045	**	1		

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

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

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

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

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2041	**	5	\$200	
Molded Case Bkrs	90%			2041	**	5	\$1,800	
Wiring								
Thermoplastic	100%			2045	**	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	5%			2030	**	10	\$3,100	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office</i>								
HID	95%			2030	**	10	\$2,100	
Egress Lighting								
Emergency, Battery	75%			2030	**	10	\$12,200	
Exit, Service	25%			2030	**	1		
Exterior Lighting								
HID	100%			2030	**	10	\$200	
Alarm								
Security System								
No Component	50%							
Generic	50%			2030	**	1	\$13,800	
<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%							
Generic, Analog	5%			2030	**	1-3	\$2,300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room Only</i>								
<i>Explanation : Smoke Detector</i>								

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

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

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

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

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

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Distribution							
Ductwork/Diffusers	3%			LIFE	**	2-5	
No Component	97%						
Terminal Devices							
Fan Coil Unit/Heat	3%			2025		1	
No Component	97%						
Air Conditioning							
Energy Source							
Electricity	100%			2033	**	1	
Conversion Equipment							
Heat Pump	3%			2023	\$100	2	\$100
			<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	\$2,800	1	
No Component	95%						
Heat Rejection							
Air Condenser Unit	5%			2025	\$300	2	\$2,300
No Component	95%						
Plumbing							
H/C Water Piping							
Brass/Copper	3%			2035	**	1	
No Component	97%						
Water Heater							
Electric	5%			2020	\$500	4	
No Component	95%						
Sanitary Piping							
Cast Iron	5%			LIFE	**	1	
No Component	95%						
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Backflow Preventer							
Not Accessible	100%						
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%			LIFE	**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
			<i>Location : G-6</i>				
			<i>Explanation : 1 Unit</i>				
Fire Suppression							
Standpipe							
Generic	100%			2035	**	1-5	\$300

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 223,760 **Project Type** : HIGHWAYS
Date of Survey : 10-Sep-2015 **Landmark Status** : NONE
Areas Surveyed : Roof, Floors 1,3,5,6
Block : 6 **Lot** : 21 **BIN** : 5151736

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$453,700	\$453,700
Interior Architecture	\$1,238,700	\$748,300
Mechanical	\$55,500	\$84,700
Total	\$1,747,800	\$1,286,700
Importance Code A	\$453,700	\$453,700
Importance Code B	\$1,073,500	\$833,000
Importance Code C	\$220,600	
Total	\$1,747,800	\$1,286,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$30,000		\$25,800	
Interior Architecture	\$8,200		\$8,400	\$4,500
Electrical	\$8,400	\$7,800	\$5,000	\$4,200
Mechanical	\$90,800	\$11,300	\$65,800	\$11,300
Elevators/Escalators	\$9,900	\$9,900	\$9,900	\$9,900
Total	\$147,300	\$29,000	\$114,800	\$29,800
Importance Code A	\$48,500		\$43,800	
Importance Code B	\$90,700	\$29,000	\$71,100	\$28,700
Importance Code C	\$8,200			\$1,100
Total	\$147,300	\$29,000	\$114,800	\$29,800



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

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

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

DEPARTMENT OF TRANSPORTATION - 841
STATEN ISLAND COURTHOUSE GARAGE
Asset # : 14557

Architecture		Current Repair		Future Replacement		Maintenance		Priority
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	7%			LIFE	**	5	\$82,500	
Cast in Place Concrete	70%			LIFE	**	5	\$824,900	
Masonry: Limestone	3%			LIFE	**	5	\$5,300	
Metal: Cage/Fence	10%			2040	**	5	\$51,600	
Window Wall	10%			2047	**	5	\$44,200	
Windows								
Aluminum	100%			2043	**	5		
Parapets								
Cast in Place Concrete	100%			LIFE	**	5	\$42,700	
Roof								
Cast in Place Concrete	100%			LIFE	**	10	\$6,100	
Interior								
Floors								
Cast in Place Concrete	96%			LIFE	**	5	\$1,406,600	
Ceramic Tile	2%			2036	**	5	\$6,700	
Vinyl Tile	2%			2032	**	3	\$2,500	
Interior Walls								
Cast in Place Concrete	80%			LIFE	**	10	\$220,600	
Ceramic Tile	2%			2036	**	5	\$2,200	
Concrete Masonry Unit	10%			LIFE	**	5	\$8,800	
Gypsum Board	2%			LIFE	**	5-10	\$3,800	
Metal: Cage/Fence	6%			LIFE	**	10	\$1,300	
Ceilings								
AcousTileSusp.Lay-In	5%			2040	**	5	\$15,100	
Exposed Concrete	95%			LIFE	**	5-10	\$359,700	

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	**	5	\$1,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : Electrical Room</i> <i>Explanation : One 1200 Amps Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	**	5	\$1,000	
Raceway								
Conduit	100%			2053	**	1		
Panelboards								
Fused Disc Sw	10%			2049	**	5	\$500	
Molded Case Bkrs	90%			2049	**	5	\$5,300	
Wiring								
Thermoplastic	100%			2053	**	1		

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
STATEN ISLAND COURTHOUSE GARAGE
Asset # : 14557

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2044	**	5	\$1,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$6,600	
Lighting								
Interior Lighting								
Fluorescent	10%			2035	**	10	\$20,500	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Office, Staircase, Mechanical Room And Electrical Room</i>						
		<i>Explanation : T-8 Lamps</i>						
HID	90%			2035	**	10	\$6,500	
Egress Lighting								
Emergency, Battery	50%			2035	**	10	\$27,000	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : Emergency Battery Power Supplies - Lighting And Elevators</i>						
Exit, Service	50%			2035	**	1		
Exterior Lighting								
HID	100%			2035	**	10	\$700	
Alarm								
Security System								
No Component	80%							
Generic	20%			2035	**	1	\$16,700	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2035	**	1-3	\$27,600	

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	
Heating								
Energy Source								
Electricity	100%			2053	**	1		
Conversion Equipment								
Heat Pump	40%			2028	**	2	\$27,700	
Radiant Heater	60%			2032	**	2	\$62,300	
		<i>Other Observation, Extent : Light, Area Affected : 60%</i>						
		<i>Location : Garage Office And Restrooms</i>						
		<i>Explanation : Electric Base Board And Unit Heaters</i>						
Terminal Devices								
Fan Coil Unit/Heat	40%			2032	**	1	\$28,900	
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	**	1		

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

Maintenance \$ are aggregated over a ten-year period. Site 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 System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Air Conditioning							
Conversion Equipment							
Heat Pump	40%			2028	**	2	\$5,500
No Component	60%						
Terminal Devices							
Fan Coil - Cool/Heat	40%			2032	**	1	\$28,900
No Component	60%						
Heat Rejection							
Remote Air Cond	40%			2032	**	2	\$62,300
		<i>Other Observation, Extent : Light, Area Affected : 40%</i>					
		<i>Location : Garage Office And Elevator Equipment Room</i>					
		<i>Explanation : Split Unit Condensers</i>					
No Component	60%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$197,600
Exhaust Fans							
Interior	100%			2032	**	2	\$6,900
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2053	**	1	
Water Heater							
Not Accessible	100%						
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Cast Iron	100%			LIFE	**	1	
Backflow Preventer							
Generic	100%			2035	**	1	\$13,700
Fixtures							
Generic	100%						
Vertical Transport							
Elevators							
Hydraulic	100%			LIFE	**		
		<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	\$112,800

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$38,600	
Interior Architecture	\$106,600	\$35,700
Electrical	\$48,300	
Total	\$193,500	\$35,700
Importance Code A	\$38,600	
Importance Code B	\$154,800	\$35,700
Total	\$193,500	\$35,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$7,400		\$1,000	
Interior Architecture	\$42,000		\$100	\$100
Electrical	\$500	\$200	\$28,200	\$200
Mechanical	\$1,900	\$900	\$1,900	\$1,200
Total	\$51,600	\$1,200	\$31,200	\$1,500
Importance Code A	\$7,900	\$600	\$1,700	\$600
Importance Code B	\$36,300	\$600	\$29,500	\$1,000
Importance Code C	\$7,400			
Total	\$51,600	\$1,200	\$31,200	\$1,500



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

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

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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%	0-2	\$6,200	LIFE	**	5	\$900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	85%	0-2	\$38,600	LIFE	**	5	\$12,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Sect. OHD	5%			2038	**	5	\$2,400	
Windows								
Aluminum	100%			2050	**	5	\$2,000	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$1,200	
Masonry: Brick	90%			LIFE	**	5	\$1,400	
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	95%	0-2	\$33,900	LIFE	**	5	\$35,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Quarry Tile	1%			2038	**	5	\$300	
Vinyl Tile	4%	2-4	\$600	2030	**	3	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Cast in Place Concrete	5%			LIFE	**			
Concrete Masonry Unit	95%	2-4	\$7,400	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	1%			2045	**	5	\$200	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Wood	99%	Now	\$106,600	LIFE	**			
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								

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

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
STATEN ISLAND SIGN SHOP
Asset # : 14717

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2035	**	5	\$300	
		<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	
Raceway								
Conduit	100%			2035	**	1		
Panelboards								
Molded Case Bkrs	100%			2033	**	5	\$300	
Wiring								
Thermoplastic	100%			2035	**	1		
Motor Controllers								
Locally Mounted	100%			2038	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Water Main</i>						
		<i>Explanation : Water Main</i>						
Lighting								
Interior Lighting								
Fluorescent	90%			2025	\$22,600	10	\$9,500	
		<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Fluorescent	10%			2030	**	10	\$1,100	
		<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Office</i>						
Egress Lighting								
Exit, Service	50%			2025	\$1,500	1		
Exit, Battery	50%			2025	\$5,300	10	\$400	
Exterior Lighting								
HID	100%			2020	\$48,300	10		
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	**	1	\$1,000	
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%			2020	\$26,500	1-3	\$1,600	

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	

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
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Heating							
Energy Source							
Natural Gas	100%			2051	**	1	
Conversion Equipment							
Furnace	100%			2030	**	1	\$5,700
Distribution							
Steam Piping/Pump	100%			2045	**	4	\$600
Terminal Devices							
Convactor/Radiator	100%			2038	**	1	\$3,700
Air Conditioning							
Energy Source							
Electricity	100%			2041	**	1	
Conversion Equipment							
Window/Wall Unit	5%			2023	\$1,200	1	
No Component	95%						
Ventilation							
Distribution							
Ductwork/Diffusers	100%			LIFE	**	2-5	\$6,400
Exhaust Fans							
Interior	100%			2030	**	2	\$400
Plumbing							
H/C Water Piping							
Brass/Copper	100%			2045	**	1	
Water Heater							
Gas Fired	100%			2024	\$2,700	2	\$200
Sanitary Piping							
Cast Iron	100%			LIFE	**	1	
Storm Drain Piping							
Not Accessible	100%						
Sump Pump(s)							
Rigid Piping	100%			2030	**	4	\$2,500
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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 15-Jan-2015 **Landmark Status** : NONE
Areas Surveyed : Basement, Roof, Floors 1,2
Block : 11368 **Lot** : 20 **BIN** : 4863171

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Interior Architecture		\$44,000
Mechanical		\$89,100
Total		\$133,200
Importance Code B		\$133,200
Total		\$133,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$32,600	\$1,600		
Interior Architecture	\$5,900	\$3,000		\$2,500
Electrical	\$1,700	\$2,200	\$1,700	\$25,400
Mechanical	\$11,700	\$3,400	\$5,000	\$3,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$55,700	\$14,200	\$10,600	\$34,800
Importance Code A	\$33,700	\$2,800	\$1,100	\$1,200
Importance Code B	\$22,100	\$10,700	\$9,500	\$33,700
Importance Code C		\$700		
Total	\$55,700	\$14,200	\$10,600	\$34,800



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

DEPARTMENT OF TRANSPORTATION - 841
SUNRISE YARD
Asset # : 14436

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	25%			LIFE	**	5	\$6,100	
Masonry: Brick Cavity	25%			LIFE	**	5	\$9,800	
Metal Panel	10%			2052	**	5-10	\$27,000	
Metal Coiling Doors	5%			2043	**	5	\$6,100	
Pre-Cast Concrete	5%			LIFE	**	5	\$6,400	
Window Wall	30%			2052	**	5	\$44,200	
Windows								
Aluminum	95%			2048	**	5	\$5,000	
Metal Louvers	5%			2039	**	10	\$1,600	
Roof								
Metal Panel	75%	Now	\$27,000	2043	**			
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Office At West Side</i>								
Not Accessible	25%							
Interior								
Floors								
Carpet	15%			2027	\$64,100	3	\$10,100	
Cast in Place Concrete	60%			LIFE	**	5	\$44,000	
Ceramic Tile	10%			2039	**	5	\$3,400	
Vinyl Tile	15%			2034	**	3	\$1,900	
Interior Walls								
Ceramic Tile	10%			2039	**	5	\$1,400	
Concrete Masonry Unit	55%			LIFE	**	5	\$3,000	
Glass: Single Pane	15%			LIFE	**	5	\$1,500	
Gypsum Board	10%			LIFE	**	5	\$800	
Masonry: Brick	5%			LIFE	**			
SGFT/Glazed Masonry	5%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	20%			2043	**	5	\$6,700	
Exposed Struc: Steel	40%			LIFE	**			
Metal Panel	40%			LIFE	**	5	\$16,800	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Office At West Side</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2046	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated @ 400 Amperes</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2046	**	5	\$700	

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
SUNRISE YARD
Asset # : 14436

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2046	**	1		
Panelboards								
Fused Disc Sw	5%			2042	**	5		
Molded Case Bkrs	95%			2042	**	5	\$600	
Wiring								
Thermoplastic	100%			2046	**	1		
Motor Controllers								
Locally Mounted	70%			2039	**	5	\$100	
Variable Frequency Drive	30%			2039	**			
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$400	
<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	90%			2031	**	10	\$18,500	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2031	**	10	\$2,100	
<i>Compact Fluorescent Light, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Offices</i>								
Egress Lighting								
Emergency, Battery	50%			2031	**	10	\$2,700	
Exit, LED	50%			2054	**	1		
Exterior Lighting								
HID	100%			2031	**	10	\$100	
Alarm								
Security System								
No Component	70%							
Generic	30%			2031	**	1	\$2,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside And Garage</i>								
<i>Explanation : C C T V Surveillance Cameras</i>								
Fire/Smoke Detection								
Generic, Digital	100%			2031	**	1-3	\$15,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Stations, Horns, Alarm Bells And Manual Pull Stations</i>								

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	Priority

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
SUNRISE YARD
Asset # : 14436

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	100%			2052	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2039	**	1	\$11,100	
			<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%	Now	\$5,600	2048	**	4	\$1,100	
			<i>Malfunctioning, Extent : Severe, Area Affected : 20%</i>					
			<i>Location : Bms System</i>					
Terminal Devices								
Air Handler	60%	Now	\$3,600	2031	**	1	\$7,500	
			<i>Not in Service, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : 1st Floor Lunch Area</i>					
Not Accessible	40%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location :</i>					
			<i>Explanation : Hot Water Heating Tubes Are Under Ground In The Shop</i>					
Air Conditioning								
Energy Source								
Electricity	100%			2048	**	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	20%			2027	\$89,100	2	\$300	
			<i>R-134a Refrigerant, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Office Area</i>					
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,500	
Exhaust Fans								
Interior	100%			2031	**	2	\$700	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	**	1		
Water Heater								
Gas Fired	100%			2024	\$5,200	2	\$300	
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
Vertical Transport								

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
SUNRISE YARD
Asset # : 14436

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport	Elevators								
	Hydraulic	100%			LIFE	* *			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
			<i>Location : 1-2</i>						
			<i>Explanation : 1 Unit</i>						
Fire Suppression	Standpipe								
	Generic	100%			2052	* *	1-5	\$11,300	
	Sprinkler								
	Generic	100%			2046	* *	1-2	\$6,300	

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture	\$86,900	\$54,700
Interior Architecture		\$115,800
Electrical		\$231,000
Total	\$86,900	\$401,400
Importance Code A	\$86,900	\$54,700
Importance Code B		\$346,700
Total	\$86,900	\$401,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$31,000	\$20,500	\$15,600	
Interior Architecture	\$30,800		\$900	
Electrical	\$700	\$6,400	\$1,400	\$700
Mechanical	\$19,400	\$17,500	\$9,900	\$6,000
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
Total	\$85,700	\$48,400	\$31,700	\$10,600
Importance Code A	\$32,000	\$22,600	\$16,600	\$2,000
Importance Code B	\$25,500	\$25,800	\$15,100	\$8,600
Importance Code C	\$28,300			
Total	\$85,700	\$48,400	\$31,700	\$10,600



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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 FLEET SERVICES MAINTENANCE AND REPAIR SHOP
Asset # : 2847

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	70%			LIFE	**	5	\$31,900	
Metal Panel	15%			2044	**	5-10	\$75,200	
Metal Coiling Doors	10%	0-2	\$20,600	2037	**	5	\$11,400	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$11,800	
Windows								
Fiberglass Panel	85%			2040	**	5	\$31,200	
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Over Main Shop</i>								
Glass Block	5%			LIFE	**	5	\$300	
Metal Louvers	10%			2033	**	10	\$6,100	
Parapets								
Concrete Masonry Unit	20%			LIFE	**	5	\$900	
Masonry: Brick	25%	Now	\$5,600	LIFE	**	5	\$1,000	
<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	**			
Pre-Cast Concrete	50%			LIFE	**	5	\$12,200	
Roof								
Built-Up (BUR)	35%	0-2	\$4,700	2029	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	65%	Now	\$86,900	2037	**			
<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>								
Interior								
Floors								
Cast in Place Concrete	85%			LIFE	**	5	\$115,800	
Ceramic Tile	3%			2033	**	5	\$1,900	
Vinyl Tile	12%			2029	**	3	\$2,800	

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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND REPAIR SHOP
Asset # : 2847

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Concrete Masonry Unit	70%	0-2	\$19,600	LIFE	**	5	\$7,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Glass: Single Pane	5%	Now	\$800	LIFE	**	5	\$900	
<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	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
SGFT/Glazed Masonry	15%	0-2	\$7,300	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Struc: Steel	95%			LIFE	**			
Gypsum Board	5%	0-2	\$1,600	LIFE	**	5	\$3,900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	**	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Protector Rated @ 2500 Amps</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2044	**	5	\$1,200	
Raceway								
Conduit	100%			2044	**	1		
Panelboards								
Molded Case Bkrs	100%			2040	**	5	\$1,200	
Wiring								
Thermoplastic	100%			2044	**	1		
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$700	
<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.

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

Asset # : 2847

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Interior Lighting Fluorescent	10%			2029	**	10	\$3,800	
	<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	
Egress Lighting								
Emergency, Battery	50%			2024	\$28,000	10	\$5,000	
Emergency, Battery	50%			2024	\$28,000	10	\$5,000	
Exterior Lighting								
HID	100%			2024	\$174,900	10	\$100	
Alarm								
Security System								
No Component	85%							
Generic	15%			2029	**	1	\$2,600	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2029	**	1-3	\$4,300	
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	
Heating								
Energy Source								
Electricity	25%			2044	**	1		
Natural Gas	75%			2044	**	1		
Conversion Equipment								
Furnace	50%			2029	**	1	\$10,300	
	<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	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Offices, 1st Floor</i>							
	<i>Explanation : 15 Units</i>							
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2040	**	1		

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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 AND REPAIR SHOP
Asset # : 2847

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	
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	\$13,700	2029	**	2	\$2,000	
<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>								
Terminal Devices								
Air Handler/Cool/Ht	5%	Now	\$400	2024	\$8,800	1	\$1,200	
<i>Malfunctioning, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Control System. Penthouse</i>								
No Component	95%							
Heat Rejection								
Air Condenser Unit	5%			2029	**	2	\$1,500	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$23,200	
Exhaust Fans								
Interior	90%			2029	**	2	\$1,100	
Roof	10%			2029	**	2	\$100	
Plumbing								
H/C Water Piping								
Galv Iron/Steel	100%			2041	**	1		
Water Heater								
Electric	30%			2022	\$1,900	4	\$100	
Gas Fired	70%			2022	\$6,800	2	\$400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room, 2nd Floor</i>								
<i>Explanation : One Unit</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Backflow Preventer								
Generic	100%			2032	**	1	\$2,600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			
<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 AND REPAIR SHOP

Asset # : 2847

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
Fire Suppression	Standpipe							
	Generic	100%			2044	* *	1-5	\$21,000
	Sprinkler							
	Generic	100%			2044	* *	1-2	\$11,700
	Fire Pump							
	Generic	100%			2033	* *	1	\$7,800
	Chemical System							
	No Component	80%						
	Generic	20%			2019	\$5,200	1-3	\$10,100

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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Exterior Architecture		\$84,200
Interior Architecture		\$97,400
Electrical		\$138,900
Total		\$320,500
Importance Code A		\$84,200
Importance Code B		\$236,300
Total		\$320,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Exterior Architecture	\$49,900	\$8,100		
Interior Architecture	\$1,000		\$400	
Electrical	\$500	\$10,600	\$1,100	\$500
Mechanical	\$9,900	\$4,100	\$6,100	\$3,600
Total	\$61,400	\$22,800	\$7,600	\$4,200
Importance Code A	\$51,400	\$10,000	\$1,500	\$1,800
Importance Code B	\$9,700	\$12,800	\$6,100	\$2,400
Importance Code C	\$300			
Total	\$61,400	\$22,800	\$7,600	\$4,200



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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND SIGN SHOP

Asset # : 13606

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	65%			LIFE	**	5	\$17,600	
Fiberglass Panel	7%			2033	**	5	\$11,400	
Glazed Ceramic Panel	3%	Now	\$4,300	LIFE	**	5	\$6,100	
<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	
Metal Coiling Doors	10%	Now	\$24,600	2037	**	5	\$6,800	
<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	
Parapets								
Cast in Place Concrete	30%	2-4	\$1,800	LIFE	**	5	\$14,300	
<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	\$8,000	LIFE	**	5	\$2,800	
<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	**			
Roof								
Built-Up (BUR)	35%	Now	\$5,700	2029	**			
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Metal Panel	65%			2037	**	10	\$84,200	
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	**	5	\$97,400	
Ceramic Tile	3%			2033	**	5	\$1,500	
Vinyl Tile	7%			2029	**	3	\$1,300	
Interior Walls								
Ceramic Tile	3%			2033	**	5	\$600	
Concrete Masonry Unit	57%			LIFE	**	5	\$4,600	
Glass: Single Pane	5%			LIFE	**	5	\$800	
Gypsum Board	10%			LIFE	**	5	\$1,200	
SGFT/Glazed Masonry	25%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	5%			2037	**	5	\$2,500	
Exposed Struc: Steel	85%			LIFE	**			
Gypsum Board	10%			LIFE	**	5	\$6,200	

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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND SIGN SHOP

Asset # : 13606

Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2044	**	5	\$200	
		<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	
Raceway								
Conduit	100%			2044	**	1		
Panelboards								
Molded Case Bkrs	100%			2040	**	5	\$1,000	
Wiring								
Thermoplastic	100%			2044	**	1		
Motor Controllers								
Locally Mounted	100%			2037	**	5	\$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Main Water Room</i>						
		<i>Explanation : Connected To Main Water Pipe</i>						
Lighting								
Interior Lighting								
Fluorescent	25%			2029	**	10	\$7,600	
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Offices</i>						
		<i>Explanation : T-8 Lamps</i>						
HID	75%			2029	**	10	\$800	
Egress Lighting								
Exit, Service	50%			2029	**	1		
Exit, Battery	50%			2029	**	10	\$1,100	
Exterior Lighting								
HID	100%			2024	\$138,900	10	\$100	
Alarm								
Security System								
No Component	85%							
Generic	15%			2029	**	1	\$2,100	
Fire/Smoke Detection								
No Component	85%							
Generic	15%			2029	**	1-3	\$3,400	

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	

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 AND SIGN SHOP
Asset # : 13606

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

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

Mechanical		Current Repair		Future Replacement		Maintenance			
System	Component	% of	Fail Date	Estimated Cost	Year	Estimated Cost	Cycle	Estimated Cost	Priority
	Type	Total	(Years)		FY		(Yrs)		
Plumbing									
	Sanitary Piping								
	Cast Iron	100%			LIFE	* *	1		
	Storm Drain Piping								
	Cast Iron	100%			LIFE	* *	1		
	Fixtures								
	Generic	100%							
Fire Suppression									
	Sprinkler								
	Generic	100%			2044	* *	1-2	\$9,300	
	Chemical System								
	No Component	90%							
	Generic	10%			2022	\$2,600	1-3	\$5,100	

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 22-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 224501C

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$239,500	\$182,900
Total	\$239,500	\$182,900
Importance Code A	\$91,500	\$91,500
Importance Code B	\$148,100	\$91,500
Total	\$239,500	\$182,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$131,300		\$20,400	\$4,100
Total	\$131,300		\$20,400	\$4,100
Importance Code A	\$71,900		\$9,200	
Importance Code B	\$48,400		\$9,500	
Importance Code C	\$11,000		\$1,800	\$4,100
Total	\$131,300		\$20,400	\$4,100



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.

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%	4+	\$13,400	LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Backwall								
Concrete	100%			LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE			* *	
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	70%			LIFE			* *	
Generic	30%	2-4	\$25,700	LIFE			* *	
			<i>Leakage, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Joint Depressed And Filled With Debris And Dirt</i>					
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Concrete	100%			LIFE			* *	
Stem (breastwall)								
Concrete	80%			LIFE			* *	
Concrete	20%	4+	\$56,600	LIFE			* *	
			<i>Cracks, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Honeycombing</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							

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

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

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

Asset # : 2934

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pier Protection								
Concrete	100%	4+	\$600	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Approaches								
Pavement								
Concrete	90%			2036		**	4	\$3,600
Concrete	10%	2-4	\$1,600	2036		**	4	\$3,600
<i>Cracks, 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>								
Curbs								
Concrete w/ Steel Face	50%			LIFE		**		
Concrete w/ Steel Face	50%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction</i>								
Embankment								
Generic	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Concrete	95%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Concrete	5%	4+	\$5,900	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Pier, Columns								
Steel	100%			LIFE		**	2-8	\$14,000
Footings								
Not Accessible	100%							

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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Under Construction</i>					
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Concrete	50%	4+	\$1,300	2032		**	5	\$1,200
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	50%			2032		**	5	\$2,400
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Under Construction</i>					
Wearing Surface								
Concrete	80%			2036		**	5	\$8,200
Concrete	20%	4+	\$2,200	2036		**	5	\$4,100
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck,Structural								
Concrete	70%			LIFE		**	5	\$10,200
Concrete	30%	4+	\$22,900	LIFE		**	5	\$5,100
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Honeycombing</i>					
Primary Member								
Steel	80%			LIFE		**	2-8	\$146,400
Steel	20%			LIFE		**	2-8	\$146,400
			<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</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.

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

Asset # : 2934

Bridge Structure		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Secondary Member								
Steel	90%			LIFE	**	2-8	\$125,600	
Steel	10%			LIFE	**	2-8	\$125,600	
		<i>Corrosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 22-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 224501D

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,219,300	\$394,900
Total	\$1,219,300	\$394,900
Importance Code A	\$233,600	\$233,600
Importance Code B	\$682,300	\$161,300
Importance Code C	\$303,400	
Total	\$1,219,300	\$394,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$242,900		\$43,600	\$20,700
Total	\$242,900		\$43,600	\$20,700
Importance Code A	\$130,700		\$24,400	
Importance Code B	\$76,300		\$16,200	
Importance Code C	\$35,800		\$3,100	\$20,700
Total	\$242,900		\$43,600	\$20,700



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	95%			LIFE				**
Concrete	5%	4+	\$3,800	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Backwall								
Concrete	90%			LIFE				**
Concrete	10%	4+	\$2,100	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Joint with Deck								
Generic	100%	4+	\$16,200	LIFE				**
<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>								
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE				**
<hr/>								
Pedestals								
Concrete	100%			LIFE				**
<hr/>								
Stem (breastwall)								
Concrete	80%			LIFE				**
Concrete	20%	2-4	\$520,900	LIFE				**
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Honeycombing</i>								
<hr/>								
Wingwalls								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE				**
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	80%	4+	\$303,400	LIFE			**	
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	20%			LIFE			**	
Masonry	95%			LIFE			**	
Masonry	5%	4+	\$5,900	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%	4+	\$1,500	LIFE			**	
<i>Spalling, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Approaches								
Pavement								
Concrete	90%			2036		**	4	\$6,200
Concrete	10%	4+	\$1,600	2036		**	4	\$6,200
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	50%			LIFE		**		
Concrete w/ Steel Face	50%	4+	\$9,900	LIFE		**		
<i>Rust Stains, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Generic	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036		**		
Sidewalks								
Concrete	80%			LIFE		**		
Concrete	20%	4+	\$8,500	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 8%</i>								
<i>Location : West Approach</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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Steel	90%			LIFE	**	2-8	\$105,100	
Steel	10%			LIFE	**	2-8	\$105,100	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	95%			LIFE	**			
Concrete w/ Steel Face	5%	4+	\$5,100	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northwest Side</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 Locations Throughout</i>								
<hr/>								
Railings/Parapets								
Concrete	100%			2036	**	4	\$1,900	
<hr/>								
Sidewalks								
Concrete	100%	4+	\$11,500	2032	**	5	\$4,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Wearing Surface								
Concrete	90%			2036	**	5	\$41,500	
Concrete	10%	4+	\$6,200	2036	**	5	\$20,700	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	**	5	\$26,000	
Concrete	5%	2-4	\$21,000	LIFE	**	5	\$13,000	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, 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.

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	60%			LIFE	**	2-8	\$373,900	
Steel	40%			LIFE	**	2-8	\$373,900	
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$320,800	
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 22-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 224501E

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$657,500	\$406,600
Total	\$657,500	\$406,600
Importance Code A	\$446,700	\$120,900
Importance Code B	\$210,800	\$285,700
Total	\$657,500	\$406,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$153,100		\$23,500	
Total	\$153,100		\$23,500	
Importance Code A	\$93,400		\$5,600	
Importance Code B	\$44,500		\$3,200	
Importance Code C	\$15,200		\$14,700	
Total	\$153,100		\$23,500	



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

Maintenance \$ are aggregated over a ten-year period. Site 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	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							
<hr/>								
Backwall								
Not Accessible	100%							
	<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%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Joint with Deck								
Generic	80%			LIFE				**
Generic	20%	4+	\$9,100	LIFE				**
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 15%</i>							
	<i>Location : At West Abutment</i>							
	<i>Leakage, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : At West Abutment</i>							
<hr/>								
Mat (scour & erosion)								
Not Accessible	100%							
<hr/>								
Pedestals								
Not Accessible	100%							
<hr/>								
Stem (breastwall)								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							
<hr/>								
Walls								
Not Accessible	100%							
<hr/>								
Wingwalls								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Not Accessible	100%							
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
Walls								
Not Accessible	100%							
	<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 35 ST/AMTRAK 30 ST. BRANCH

Asset # : 2936

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Accessibility To 50 Percent Of Component</i>							
<hr/>								
Pier Protection								
Concrete	100%	4+	\$8,800	LIFE			* *	
	<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 4%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Cracks</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Accessibility To 50 Percent Of Component</i>							
<hr/>								
Approaches								
Pavement								
Asphalt	80%			2028			* *	\$2,300
Asphalt	20%	4+	\$5,800	2028			* *	\$2,300
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Settlement, Extent : Light, Area Affected : 20%</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 : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Raveling</i>							
Concrete	95%			2036			* *	\$6,200
Concrete	5%	4+	\$1,600	2036			* *	\$6,200
	<i>Cracks, Extent : Light, Area Affected : 35%</i>							
	<i>Location : Random Locations At West Approach</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Near Joint At West 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
11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH

Asset # : 2936

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$19,900	LIFE			**	
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Near Joints At Both Approaches</i>								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Embankment								
Generic	100%			LIFE			**	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Under Construction	100%							
Piers								
Cap Beam								
Steel	90%			LIFE		2-8	\$107,200	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : West Pier</i>								
<i>Explanation : Paint System Failure</i>								
Steel	10%			LIFE		2-8	\$107,200	
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Pier,Columns								
Steel	90%			LIFE		2-8	\$74,700	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : West Pier</i>								
<i>Explanation : Paint System Failure</i>								
Steel	10%			LIFE		2-8	\$74,700	
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
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
11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH

Asset # : 2936

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	95%			LIFE		**		
Concrete w/ Steel Face	5%	4+	\$2,800	LIFE		**		
<i>Rust Stains, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Under Construction	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : 50 Percent Of Component is Under Construction</i>								
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Under Construction	100%							
Wearing Surface								
Concrete	75%			2030		**	5	\$21,000
Concrete	25%	4+	\$7,900	2030		**	5	\$10,500
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Under Construction	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : 50 percent Of Component is under construction</i>								
Superstructure								
Deck,Structural								
Concrete	50%			LIFE		**	5	\$14,300
Concrete	50%	2-4	\$337,200	LIFE		**	5	\$7,200
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random With Exposed Reinforcement</i>								
Under Construction	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : 50 Percent Of Component is 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 35 ST/AMTRAK 30 ST. BRANCH
Asset # : 2936

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Concrete Encased Steel	60%			LIFE	**	5	\$65,500	
Concrete Encased Steel	40%	4+	\$54,100	LIFE	**	5	\$32,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</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 Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Under Construction	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : 50 Percent Of Component is Under Construction</i>								
Secondary Member								
Concrete	75%			LIFE	**	5	\$254,000	
Concrete	25%	4+	\$52,100	LIFE	**	5	\$127,000	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Under Construction	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : 50 Percent Of Component is Under Construction</i>								

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 22-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 224501F

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$389,200	\$295,900
Total	\$389,200	\$295,900
Importance Code A	\$213,000	\$248,400
Importance Code B	\$83,900	\$47,500
Importance Code C	\$92,300	
Total	\$389,200	\$295,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$147,000		\$14,300	\$27,200
Total	\$147,000		\$14,300	\$27,200
Importance Code A	\$50,200		\$8,300	
Importance Code B	\$39,900		\$4,800	
Importance Code C	\$57,000		\$1,200	\$27,200
Total	\$147,000		\$14,300	\$27,200



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck								
Generic	80%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Generic	20%	0-2	\$36,400	LIFE		**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : At West Abutment</i>								
Mat (scour & erosion) Earth	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$92,300	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Northeast Corner</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pier Protection								
Concrete	100%			LIFE		**		
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%			2028	**	4	\$2,300	
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : No Accessibility To 50 Percent Of Component</i>							
Concrete	100%			2036	**	4	\$100	
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : No Accessibility To 50 Percent Of Component</i>							
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,000	LIFE	**			
	<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>							
	<i>Location : East Approach</i>							
	<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations At West Approach</i>							
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : No Accessibility To 50 Percent Of Component</i>							
Embankment								
Earth	80%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : No Accessibility To 50 Percent Of Component</i>							
Earth	20%	4+		LIFE	**			
	<i>Settlement, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At Joint At West Approach</i>							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Chain Link Fence</i>							
Sidewalks								
Concrete	80%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : No Accessibility To 50 Percent Of Component</i>							
Concrete	20%	2-4	\$16,100	LIFE	**			
	<i>Cracks, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Settlement, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 30%</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
11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH

Asset # : 2937

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam Steel	100%			LIFE	**	2-8	\$321,600	
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Pier,Columns Steel	100%			LIFE	**	2-8	\$224,200	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Pedestals Not Accessible	100%							
Piles Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Gratings Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**	4		
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Steel	100%			LIFE	**	2-8		
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Sidewalks								
Concrete	90%			2032	**	5	\$13,400	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Concrete	10%	4+	\$8,200	2032	**	5	\$6,700	
<i>Cracks, Extent : Moderate, 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.

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	80%			2036	**	5	\$54,300	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Concrete	20%	4+	\$32,700	2036	**	5	\$27,200	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Concrete Encased Steel	15%	4+	\$47,200	LIFE	**	5	\$82,600	
<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 : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rust Stains/Exposed Reinf.</i>								
Concrete Encased Steel	85%			LIFE	**	5	\$165,300	
Secondary Member								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Secondary Members Are Embedded In Concrete</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 17-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 224501B

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$818,900	\$731,100
Total	\$818,900	\$731,100
Importance Code A	\$372,700	\$362,900
Importance Code B	\$446,200	\$368,200
Total	\$818,900	\$731,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$401,100		\$76,000	\$27,300
Total	\$401,100		\$76,000	\$27,300
Importance Code A	\$213,500		\$37,100	
Importance Code B	\$105,800		\$36,900	
Importance Code C	\$81,900		\$2,000	\$27,300
Total	\$401,100		\$76,000	\$27,300



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	60%			LIFE				**
Concrete	40%	4+	\$30,400	LIFE				**
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Backwall								
Concrete	100%	4+	\$33,000	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Front Face Of Back Wall</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</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/>								
Brngs,Ancr Blts,Pads								
Steel	70%			LIFE				**
Steel	30%	0-2	\$24,300	LIFE				**
<i>Corrosion, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Joint with Deck								
Generic	85%			LIFE				**
Generic	15%	2-4	\$8,800	LIFE				**
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Leakage, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE				**
<hr/>								
Pedestals								
Concrete	80%			LIFE				**
Concrete	20%	4+	\$30,400	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, 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.

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Stem (breastwall)								
Concrete	80%			LIFE			**	
Concrete	20%	4+	\$78,000	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Front Face Of Stem Wall</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$7,800	LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Broken/ Missing Elements</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	15%	4+	\$2,700	LIFE			**	
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Concrete	85%			LIFE			**	
Approaches								
Pavement								
Asphalt	85%			2028		**	4	\$4,000
Asphalt	15%	2-4	\$3,800	2028		**	4	\$4,000
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	100%	4+	\$7,900	2036		**	4	\$6,200
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Embankment								
Generic	100%			LIFE		**		

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**			
<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 Bridge</i>								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Side</i>								
<i>Explanation : Steel Fence Is On The North Side Of The Bridge</i>								
Sidewalks								
Concrete	80%			LIFE	**			
Concrete	20%	4+	\$2,700	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southwest Sidewalk</i>								
Piers								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$196,100	
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$3,100	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Railings/Parapets								
Concrete	100%			2036	**	4	\$8,500	
Sidewalks								
Concrete	95%			2032	**	5	\$13,400	
Concrete	5%	4+	\$4,100	2032	**	5	\$6,700	
<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
11TH AVE VIADUCT (RAMP) W.33 ST/AMTRAK 30TH ST.BRANCH
Asset # : 2933

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	95%			2036	**	5	\$54,600	
Concrete	5%	4+	\$4,100	2036	**	5	\$27,300	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</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 : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	**	5	\$36,300	
<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+	\$46,100	LIFE	**	5	\$18,200	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</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>								
<hr/>								
Joints								
Generic	80%			LIFE	**			
Generic	20%	4+	\$18,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Leakage, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<hr/>								
Primary Member								
Steel	85%			LIFE	**	2-8	\$522,800	
Steel	15%			LIFE	**	2-8	\$522,800	
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Secondary Member								
Steel	80%			LIFE	**	2-8	\$448,600	
Steel	20%			LIFE	**	2-8	\$448,600	
<i>Rust Stains, Extent : Light, Area Affected : 15%</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$926,100	\$1,871,200
Total	\$926,100	\$1,871,200
Importance Code B	\$75,100	
Importance Code C	\$851,000	\$1,871,200
Total	\$926,100	\$1,871,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$123,500	\$16,700		\$17,100
Total	\$123,500	\$16,700		\$17,100
Importance Code A	\$53,300			\$16,000
Importance Code C	\$70,200	\$16,700		\$1,100
Total	\$123,500	\$16,700		\$17,100



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.

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	50%			LIFE			**	
Generic	50%	0-2	\$75,100	LIFE			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations</i>								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	80%			LIFE			**	
Concrete	20%	2-4	\$42,700	LIFE			**	
<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>								
Approaches								
Pavement								
Asphalt	100%			2025	\$157,900	4	\$2,200	
Concrete	80%			2027	\$788,500	4	\$50,100	
Concrete	20%	2-4	\$19,700	2027	\$197,100	4	\$33,400	
<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			**	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	80%			2033	**	4	\$5,700	
Concrete	20%	4+	\$5,100	2033	**	4	\$5,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
<hr/>								
Pavement Base								
Not Accessible	100%							
<hr/>								
Sidewalks								
Concrete	80%			LIFE	**			
Concrete	20%	4+	\$15,700	LIFE	**			
<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/>								
Piers								
Cap Beam								
Not Accessible	100%							
<hr/>								
Pier,Columns								
Not Accessible	100%							
<hr/>								
Stem,Solid Pier								
Not Accessible	100%							
<hr/>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
<hr/>								
Pedestals								
Not Accessible	100%							
<hr/>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	98%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations</i>								
<hr/>								
Concrete w/ Steel Face	2%	Now	\$18,000	LIFE	**			
<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	\$26,300	
Concrete	10%	4+	\$30,200	2033	**	4	\$26,300	
<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 33rd And 34th Street</i>								
<i>Explanation : Area Under Construction</i>								
<hr/>								
Steel	100%			LIFE	**	2-8		

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

Maintenance \$ are aggregated over a ten-year period. Site 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
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	
Concrete	20%	4+	\$23,600	2029	**	5	\$42,000	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
Wearing Surface								
Concrete	95%			2033	**	5	\$643,700	
Concrete	5%	0-2	\$11,200	2033	**	5	\$321,900	
<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	**			
Cast Iron	60%	0-2	\$52,200	LIFE	**			
<i>Drains Clogged, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Scattered Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	60%	4+	\$235,300	LIFE	**			
<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	\$156,900	LIFE	**			
<i>Broken/Missing Elements, 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%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$2,021,200	\$5,014,500
Total	\$2,021,200	\$5,014,500
Importance Code A	\$1,153,500	\$1,723,700
Importance Code B	\$512,400	\$2,152,300
Importance Code C	\$355,300	\$1,138,500
Total	\$2,021,200	\$5,014,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$160,100	\$800	\$366,400	
Total	\$160,100	\$800	\$366,400	
Importance Code A	\$80,500	\$800	\$150,600	
Importance Code B	\$13,300		\$215,900	
Importance Code C	\$66,300			
Total	\$160,100	\$800	\$366,400	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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/W.125 ST AND OTHERS
Asset # : 2662

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Granite	100%	4+	\$19,500	LIFE			* *	
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : At Top Of End Abutment</i>							
	<i>Explanation : Missing Mortar</i>							
<hr/>								
Backwall								
Granite	75%			LIFE			* *	
Granite	25%	4+	\$21,000	LIFE			* *	
	<i>Efflorescence, Extent : Light, Area Affected : 20%</i>							
	<i>Location : End Abutment</i>							
<hr/>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Joint with Deck								
Generic	100%	4+	\$13,300	LIFE			* *	
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout At End Abutment</i>							
	<i>Explanation : Cracks In Header Concrete</i>							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
<hr/>								
Pedestals								
Concrete	100%			LIFE			* *	
<hr/>								
Stem (breastwall)								
Granite	92%			LIFE			* *	
Granite	8%	4+	\$252,300	LIFE			* *	
	<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>							
<hr/>								
Wingwalls								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
<hr/>								
Piles								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W.125 ST AND OTHERS
Asset # : 2662

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Granite	90%			LIFE			**	
Granite	10%	4+	\$35,600	LIFE			**	
<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>								
<hr/>								
Approaches								
Pavement								
Asphalt	100%	4+	\$10,100	2026	\$505,900	4	\$8,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : At End Abutment</i>								
Concrete	50%			2034	**	4	\$46,300	
Concrete	50%	Now	\$19,700	2034	**	4	\$30,800	
<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>								
<hr/>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At End Abutment</i>								
<hr/>								
Embankment								
Earth	100%			LIFE	**			
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
<hr/>								
Railings/Parapets								
Concrete	100%	4+	\$6,900	2034	**			
<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	**			
Granite	10%	0-2	\$25,800	LIFE	**			
<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/W.125 ST AND OTHERS
Asset # : 2662

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Sidewalks								
Asphalt	100%	4+	\$48,700	2026	\$243,400	4	\$8,100	
<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	**			
Piers								
Cap Beam								
Steel	90%			LIFE	**	2-8	\$74,800	
Steel	10%	4+	\$20,400	LIFE	**	2-8	\$74,800	
<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	\$1,969,700	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Stem,Solid Pier								
Granite	90%			LIFE	**			
Granite	10%	4+	\$260,100	LIFE	**			
<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%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
<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%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<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/W.125 ST AND OTHERS
Asset # : 2662

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Masonry	90%			2034	**	5	\$1,600	
Masonry	10%	4+	\$7,800	2034	**	5	\$800	
<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	\$76,900	
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Concrete	90%			2030	**	5	\$72,300	
Concrete	10%	4+	\$44,000	2030	**	5	\$36,200	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wearing Surface								
Asphalt	100%			2026		5		
<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+	\$190,800	2034	**	5	\$316,900	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<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	\$163,300	
<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	**			
Primary Member								
Concrete	70%			LIFE	**	5	\$30,500	
Concrete	30%	0-2	\$1,153,500	LIFE	**	5	\$30,500	
<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	\$2,632,600	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$2,297,200	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$204,600	\$234,000
Total	\$204,600	\$234,000
Importance Code B		\$53,500
Importance Code C	\$204,600	\$180,500
Total	\$204,600	\$234,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$91,100	\$34,600	\$11,300	
Total	\$91,100	\$34,600	\$11,300	
Importance Code A	\$18,400		\$400	
Importance Code B	\$21,800		\$5,400	
Importance Code C	\$51,000	\$34,600	\$5,500	
Total	\$91,100	\$34,600	\$11,300	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	50%			LIFE			* *	
Generic	50%	4+	\$21,800	LIFE			* *	
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Masonry	50%	4+	\$16,800	LIFE			* *	
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry	50%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$9,000	2026	\$180,500	4	\$2,900	
<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+	\$25,100	2034			\$19,700	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$2,500	LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Both Approaches</i>								
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Sidewalks								
Concrete	100%			LIFE		**		
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Steel	100%			LIFE		**	2-8	\$154,100
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,700	LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%			2034		**	4	\$12,500
Steel	100%	4+	\$7,000	LIFE		**	2-8	\$11,500
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Concrete	100%			2030		**	5	\$11,100
Wearing Surface								
Concrete	100%			2034		**	5	\$69,100
Superstructure								
Deck,Structural								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
21ST STREET BRIDGE
Asset # : 13578

Bridge Structure	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Steel	100%	4+	\$204,600	LIFE			* *	
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : 252ND ST BRIDGE
Address : 252ND STREET HHP
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0211.000 / 14579 **Yr Built/Renovated** :
Area Sq Ft : 4,500 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 28-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2229500

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$110,500	
Total	\$110,500	
Importance Code B	\$110,500	
Total	\$110,500	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$11,900		\$2,200	
Total	\$11,900		\$2,200	
Importance Code C	\$11,900		\$2,200	
Total	\$11,900		\$2,200	



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

DEPARTMENT OF TRANSPORTATION - 841
252ND ST BRIDGE
Asset # : 14579

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Stem (breastwall)								
Concrete	35%	4+	\$36,100	LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	65%			LIFE			* *	
Masonry: Granite	100%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%	4+	\$2,000	LIFE			* *	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Northwest Corner And Efflorescence Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pier Protection								
Concrete	100%			LIFE			* *	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Concrete Barrier</i>					
Approaches								
Pavement								
Asphalt	100%	4+	\$1,400	2028		* *	4	\$2,600
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	100%			2036		* *	4	\$4,300

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
252ND ST BRIDGE
Asset # : 14579

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8		
Timber	100%			2028	**	4		
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Railings/Parapets								
Cast Iron	100%			LIFE	**			
Granite	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$74,400	LIFE	**			
<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>								
Granite	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 75%</i>								
<i>Location : Random Locations Throughout</i>								
Guide Railing								
Steel	100%			LIFE	**			
Timber	100%			2047	**			
Railings/Parapets								
Cast Iron	100%			LIFE	**			
Granite	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$3,900	2032	**	5	\$1,700	
<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
252ND ST BRIDGE
Asset # : 14579

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	100%	4+	\$4,600	2036	* *	5	\$8,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5		
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Prestressed Concrete	100%			LIFE	* *			
Box Beam								

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

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

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

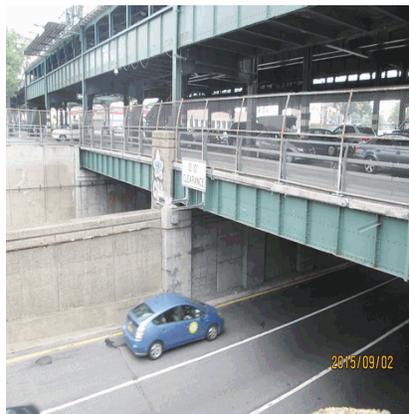
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2230657

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$680,000	\$188,100
Total	\$680,000	\$188,100
Importance Code A	\$299,300	\$94,000
Importance Code B	\$221,900	\$94,000
Importance Code C	\$158,800	
Total	\$680,000	\$188,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$148,000		\$19,000	
Total	\$148,000		\$19,000	
Importance Code A	\$64,100		\$9,600	
Importance Code B	\$67,500		\$9,400	
Importance Code C	\$16,400			
Total	\$148,000		\$19,000	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%	Now	\$27,400	LIFE			**	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Center Lanes, Both Abutments</i>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	\$23,000	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE			**	
Concrete	10%	4+	\$158,800	LIFE			**	
<i>Efflorescence, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$2,300	2028			** 4	\$2,700
<i>Cracks, Extent : Light, Area Affected : 5%</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
31ST STREET BRIDGE
Asset # : 13670

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	4+	\$15,900	LIFE			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete w/ Steel Face	90%			LIFE			**	
Concrete w/ Steel Face	10%	4+	\$2,800	LIFE			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	\$2,100	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Stem,Solid Pier								
Concrete	60%	4+	\$127,900	LIFE			**	
<i>Cracks, Extent : Moderate, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	40%			LIFE			**	
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
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
31ST STREET BRIDGE
Asset # : 13670

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,100	LIFE		* *		
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE		* *	2-8	\$6,400
Sidewalks								
Concrete	100%	4+	\$5,800	2032		* *	5	\$3,400
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%			2028		* *	5	\$12,400
<i>Cracks, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	25%	4+	\$205,300	LIFE		* *	5	\$10,500
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	75%			LIFE		* *	5	\$20,900
Primary Member								
Steel	100%			LIFE		* *	2-8	\$301,000
Secondary Member								
Steel	100%			LIFE		* *	2-8	\$258,300

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : 32ND STREET BRIDGE 32ND ST./278I (B.O.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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$135,000	\$154,600
Total	\$135,000	\$154,600
Importance Code B	\$56,200	
Importance Code C	\$78,800	\$154,600
Total	\$135,000	\$154,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$57,900		\$300	
Total	\$57,900		\$300	
Importance Code A	\$11,000		\$300	
Importance Code B	\$21,200			
Importance Code C	\$25,700			
Total	\$57,900		\$300	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
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		**		
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**		
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$13,700	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : At Both Abutments</i>								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%	4+	\$56,200	LIFE		**		
<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>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$78,800	LIFE		**		
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$7,700	2025	\$154,600	4	\$3,500	
<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+	\$4,800	2033	**	4	\$13,400	
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Embankment								
Generic	100%			LIFE	**			
Railings/Parapets								
Steel	100%	4+	\$11,000	LIFE	**			
<i>Damaged Railing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At End Approach (West Side)</i>								
Sidewalks								
Concrete	100%	4+	\$3,200	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Stem,Solid Pier								
Concrete	5%	4+	\$7,500	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Span 2 Side</i>								
Concrete	95%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$3,700	
Footings								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Mono Deck Surface								
Concrete	100%	4+	\$2,800	2044	**	5	\$17,900	
<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
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	
Sidewalks								
Concrete	100%	4+	\$7,200	2029	**	5	\$1,700	
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations</i>						
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$269,200	\$710,900
Total	\$269,200	\$710,900
Importance Code A		\$170,500
Importance Code B	\$82,800	
Importance Code C	\$186,400	\$540,400
Total	\$269,200	\$710,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$184,800		\$17,700	
Total	\$184,800		\$17,700	
Importance Code A	\$83,600		\$17,700	
Importance Code B				
Importance Code C	\$101,100			
Total	\$184,800		\$17,700	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	50%			LIFE			**	
Generic	50%	Now	\$82,800	LIFE			**	
<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			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$27,000	2026	\$540,400	4	\$7,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Concrete	80%			2034		**	4	\$47,400
Concrete	20%	0-2	\$186,400	2040		**	4	\$31,600
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	95%			LIFE	**			
Concrete w/ Steel Face	5%	Now	\$3,300	LIFE	**			
<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>								
<hr/>								
Embankment								
Earth	100%			LIFE	**			
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
<hr/>								
Railings/Parapets								
Concrete	100%			2034	**			
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Bottom Rails</i>								
<hr/>								
Sidewalks								
Concrete	90%			LIFE	**			
Concrete	10%	2-4	\$10,700	LIFE	**			
<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>								
<hr/>								
Piers								
Cap Beam								
Concrete Encased Steel	100%			LIFE	**	5	\$4,400	
<hr/>								
Pier, Columns								
Concrete Encased Steel	100%			LIFE	**	5	\$900	
<hr/>								
Stem, Solid Pier								
Concrete	100%			LIFE	**			
<hr/>								
Brngs, Ancr Blts, Pads								
Steel	100%	4+	\$32,700	LIFE	**	2-8	\$4,800	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Pier 3</i>								
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
<hr/>								
Pedestals								
Concrete	100%			LIFE	**			
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$23,600	LIFE		**		
<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+	\$16,800	2034		**	4	\$7,300
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%	4+	\$7,100	LIFE		**	2-8	\$10,100
<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+	\$16,400	2030		**	5	\$5,800
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$22,600	2034		**	5	\$32,400
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	100%	2-4	\$8,600	LIFE		**		
<i>Broken/Missing Elements, 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	\$318,500
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : 49TH AVE. BRIDGE
Address : 49TH AVE.
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0167.000 / 13575 **Yr Built/Renovated** :
Area Sq Ft : 20,200 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 11-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2247290

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,177,900	\$1,984,100
Total	\$1,177,900	\$1,984,100
Importance Code A	\$598,400	\$444,300
Importance Code B	\$426,300	\$348,700
Importance Code C	\$153,200	\$1,191,100
Total	\$1,177,900	\$1,984,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$74,400		\$82,400	
Total	\$74,400		\$82,400	
Importance Code A	\$11,800		\$40,600	
Importance Code B	\$20,200		\$35,000	
Importance Code C	\$42,400		\$6,800	
Total	\$74,400		\$82,400	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
Backwall Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$150,200	LIFE		**		
			<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		**		
Stem (breastwall) Concrete	90%			LIFE		**		
Concrete	10%	4+	\$20,200	LIFE		**		
			<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>					
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	85%			LIFE		**		
Concrete	15%	4+	\$62,900	LIFE		**		
			<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>					
Approaches								
Pavement Asphalt	100%	4+	\$22,200	2026	\$1,109,700	4	\$15,300	
			<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		**		

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE			**	
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Railings/Parapets								
Cast Stone	100%			LIFE			**	
			<i>Recent Replace Evident, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Begin Brick Wall</i>					
Steel	100%			LIFE			**	
Sidewalks								
Concrete	100%	4+	\$49,600	LIFE			**	
			<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>					
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Steel	20%	4+	\$91,000	LIFE		**	2-8	\$214,100
			<i>Corrosion, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Localized Area</i>					
Steel	80%			LIFE		**	2-8	\$214,100
Stem,Solid Pier								
Concrete	80%			LIFE		**		
Concrete	20%	4+	\$185,000	LIFE		**		
			<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%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	90%			LIFE	**			
Concrete w/ Steel Face	10%	4+	\$6,600	LIFE	**			
<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	\$15,400	
Steel	100%			LIFE	**	2-8	\$14,100	
<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	
Concrete	20%	4+	\$9,500	2030	**	5	\$6,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : East And West Ends</i>								
Wearing Surface								
Concrete	90%			2034	**	5	\$81,400	
Concrete	10%	0-2	\$2,800	2034	**	5	\$40,700	
<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+	\$132,400	LIFE	**	5	\$22,200	
<i>Spalling, Extent : Moderate, Area Affected : 70%</i>								
<i>Location : Over East Pier</i>								
Concrete	90%			LIFE	**	5	\$22,200	
Joints								
Generic	100%	0-2	\$7,800	LIFE	**			
<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
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	\$373,400	
Steel	20%	4+	\$466,000	LIFE	**	2-8	\$373,400	
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : On Girder Flanges Near East Pier</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$312,800	
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$653,100	\$562,500
Total	\$653,100	\$562,500
Importance Code A	\$653,100	\$289,800
Importance Code C		\$272,700
Total	\$653,100	\$562,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$107,800		\$19,600	
Total	\$107,800		\$19,600	
Importance Code A	\$46,500		\$19,600	
Importance Code C	\$61,300			
Total	\$107,800		\$19,600	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**		
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	90%			2026	\$105,100	4	\$2,800	
Asphalt	10%	2-4	\$3,500	2026	\$11,700	4	\$1,900	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$14,300	LIFE		**		
<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>								
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Railings/Parapets								
Concrete	100%	4+	\$3,100	2034		**		
<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		**		

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	\$14,700	LIFE			**	
<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			**	
Pier,Columns								
Concrete	100%			LIFE			**	
Stem,Solid Pier								
Concrete	100%			LIFE			**	
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		2-8	\$3,000	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Pedestals								
Concrete	100%			LIFE			**	
<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%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$2,900	LIFE			**	
<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+	\$26,200	2034			**	4
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout The West Side</i>								
Steel	100%			LIFE			**	2-8
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%	4+	\$34,400	2030	**	5	\$5,700	
<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+	\$7,800	2026	\$155,900	5	\$6,900	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$21,400	
Joints								
Generic	100%			LIFE	**			
Primary Member								
Concrete Encased Steel	100%	4+	\$653,100	LIFE	**	5	\$97,800	
<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	\$358,600	
<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%							

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : 86TH ST. BRIDGE
Address : 86TH ST.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0171.000 / 13579 **Yr Built/Renovated** : 1995 /
Area Sq Ft : 18,200 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 18-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2243570

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$159,700	\$360,300
Total	\$159,700	\$360,300
Importance Code A		\$180,100
Importance Code B		\$180,100
Importance Code C	\$159,700	
Total	\$159,700	\$360,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$68,400		\$36,100	
Total	\$68,400		\$36,100	
Importance Code A	\$2,000		\$18,100	
Importance Code B	\$28,200		\$18,100	
Importance Code C	\$38,200			
Total	\$68,400		\$36,100	



*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.*

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Concrete	25%	4+	\$25,200	LIFE		**		
			<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		**		
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2045		**		
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	45%	4+	\$28,200	LIFE		**		
			<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		**		
Stem (breastwall)								
Not Accessible	100%							
			<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		**		
			<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%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$47,300	LIFE		**		
			<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	100%	4+	\$65,200	2034	* *	4	\$44,200	
<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	* *			
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Mono Deck Surface								
Concrete	100%	4+	\$5,400	2045	* *	5	\$21,300	
<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	\$5,900	
<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+	\$47,300	2030	* *	5	\$6,700	
<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	\$20,000	
<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	\$7,600	LIFE	* *			
<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	\$336,500	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$281,900	

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.

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$913,600	\$1,197,800
Total	\$913,600	\$1,197,800
Importance Code A	\$303,800	\$559,000
Importance Code B	\$314,000	\$487,000
Importance Code C	\$295,900	\$151,900
Total	\$913,600	\$1,197,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$116,400		\$111,700	
Total	\$116,400		\$111,700	
Importance Code A	\$37,300		\$47,500	
Importance Code B	\$23,500		\$48,800	
Importance Code C	\$55,600		\$15,300	
Total	\$116,400		\$111,700	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	75%			LIFE			**	
Concrete	25%	4+	\$6,600	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random On Bridge Seat</i>								
<hr/>								
Backwall								
Concrete	40%	4+	\$12,200	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Beginning Abutment</i>								
Concrete	60%			LIFE			**	
<hr/>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE			**	
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Joint with Deck								
Generic	100%	4+	\$23,500	LIFE			**	
<i>Loose Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : At Beginning Abutment</i>								
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
<hr/>								
Stem (breastwall)								
Concrete	100%			LIFE			**	
<hr/>								
Wingwalls								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
Walls								
Concrete	75%			LIFE			**	
Concrete	25%	4+	\$153,500	LIFE			**	
<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>								
<hr/>								
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			**	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	80%			2026	\$56,100	4	\$1,400	
Asphalt	20%	4+	\$8,400	2026	\$14,000	4	\$1,000	
	<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+	\$9,100	2034		4	\$15,400	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : East Approach</i>							
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
	<i>Rust Stains, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Both Abutments</i>							
Embankment								
Earth	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Railings/Parapets								
Concrete	100%			2034			* *	
Steel	100%			LIFE			* *	
	<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+	\$3,600	LIFE			* *	
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Piers								
Cap Beam								
Concrete	100%	4+	\$21,100	LIFE			* *	
	<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns Concrete	100%	4+	\$142,400	LIFE	**			
<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	\$85,500	
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE	**	2-8	\$5,900	
Steel	50%	2-4	\$202,600	LIFE	**	2-8	\$5,900	
<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%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	75%			LIFE	**			
Concrete	25%	2-4	\$171,500	LIFE	**			
<i>Cracks, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Pier 5 And 6, Temporary Shoring At Pier 5</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pier 5 And 6</i>								
Guide Railing								
Steel	100%	4+	\$6,800	LIFE	**			
<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	\$16,800	
Railings/Parapets								
Concrete	100%			2034	**	4	\$8,400	
Steel	100%			LIFE	**	2-8	\$32,500	
<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
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	
Concrete	10%	4+	\$10,800	2030	**	5	\$15,300	
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$142,400	2034	**	5	\$81,700	
<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	**			
Superstructure								
Deck,Structural								
Concrete	85%			LIFE	**	5	\$50,800	
Concrete	15%	4+	\$101,100	LIFE	**	5	\$50,800	
<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	**			
Generic	20%	4+	\$11,100	LIFE	**			
<i>Broken/Missing Elements, 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	\$854,100	
<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	\$715,500	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 17-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241139

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$2,982,500	\$922,900
Total	\$2,982,500	\$922,900
Importance Code A	\$945,500	\$560,200
Importance Code B	\$1,979,500	\$280,100
Importance Code C	\$57,600	\$82,600
Total	\$2,982,500	\$922,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$165,700		\$106,500	
Total	\$165,700		\$106,500	
Importance Code A	\$127,500		\$56,900	
Importance Code B			\$28,100	
Importance Code C	\$38,100		\$21,600	
Total	\$165,700		\$106,500	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%	4+	\$142,700	LIFE			* *	
<i>Misaligned/Bulging, Extent : Light, Area Affected : 30%</i>								
<i>Location : Joint Filler At East Abutment</i>								
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								
Pavement								
Concrete	50%			2036			* *	4 \$43,200
Concrete	50%	4+	\$31,900	2036			* *	4 \$43,200
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : At East Abutment Joint</i>								
Curbs								
Concrete	100%			LIFE			* *	
Concrete w/ Steel Face	100%			LIFE			* *	
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	\$3,500	LIFE			* *	
<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
AMTRAK BRIDGE LEGGETT AVE/AMTRAK
Asset # : 2480

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Generic	100%	4+	\$2,800	LIFE		* *		
<i>Misaligned/Bulging, Extent : Light, Area Affected : 20%</i>								
<i>Location : Joint Filler In Road And Sidewalk Over Pier</i>								
Primary Member								
Steel	5%	4+	\$665,400	LIFE		* *	2-8	\$523,200
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Base Of End Diagonal Of Southwest Truss</i>								
Steel	95%			LIFE		* *	2-8	\$896,700
Not Accessible	100%							
<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%	4+	\$1,836,800	LIFE		* *	2-8	\$438,300
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Impact Damage To Top Lateral Cross Frames</i>								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Did Not Access Underside Of Truss/deck</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.

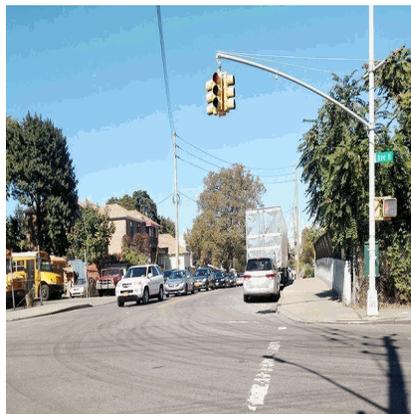
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$546,000	\$4,924,700
Total	\$546,000	\$4,924,700
Importance Code A	\$492,400	\$386,000
Importance Code C	\$53,600	\$4,538,700
Total	\$546,000	\$4,924,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$58,400		\$35,800	\$6,200
Total	\$58,400		\$35,800	\$6,200
Importance Code A			\$35,800	\$200
Importance Code B	\$12,000			
Importance Code C	\$46,400			\$6,000
Total	\$58,400		\$35,800	\$6,200



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Concrete	100%			LIFE		**		
<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%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	5%	4+	\$12,000	LIFE		**		
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Both Abutments</i>								
Generic	95%			LIFE		**		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
<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		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	7%	2-4	\$31,800	2025	\$317,700	4	\$12,100	
<i>Cracks, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Both Approaches</i>								
Asphalt	93%			2025	\$4,221,000	4	\$12,100	
Concrete	100%	2-4	\$53,600	2033	**	4	\$175,600	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	2-4	\$48,300	LIFE		**		
<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		**		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Sidewalks								
Concrete	100%	4+	\$11,700	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
Pier,Columns								
Concrete	100%			LIFE		**		
Stem,Solid Pier								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**	2-8	\$14,200
<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%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
<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%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Railings/Parapets								
Concrete	100%			2033		**	4	\$400
Steel	100%			LIFE		**	2-8	\$9,100
Sidewalks								
Concrete	100%	4+	\$2,900	2029		**	5	\$800
<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
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	\$444,100	LIFE	**	5	\$38,600	
<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	
<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%							

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 14-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 2232000

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$15,029,400	\$1,482,500
Total	\$15,029,400	\$1,482,500
Importance Code A	\$2,602,900	\$770,400
Importance Code C	\$12,426,500	\$712,200
Total	\$15,029,400	\$1,482,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$1,700		\$122,600	
Total	\$1,700		\$122,600	
Importance Code A			\$89,000	
Importance Code C	\$1,700		\$33,600	
Total	\$1,700		\$122,600	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Walls								
Concrete	90%			LIFE			* *	
Concrete	10%	4+	\$1,396,700	LIFE			* *	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 85%</i>								
<i>Location : Random Locations Throughout</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	75%			LIFE			* *	
Concrete	25%	4+	\$11,871,500	LIFE			* *	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 45%</i>								
<i>Location : Random Locations Throughout</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 Of Left Wingwall</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Cracking Throughout</i>								
Approaches								
Pavement								
Asphalt	90%			2028			* *	\$67,100
Asphalt	10%	4+	\$121,300	2028			* *	\$67,100
<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>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	100%			LIFE			* *	
Concrete w/ Steel Face	100%			LIFE			* *	
Pavement Base								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE

Asset # : 2511

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	95%			LIFE			**	
Concrete	5%	4+	\$1,700	LIFE			**	
<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>								
<hr/>								
Piers								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
<hr/>								
Deck Elements								
Curbs								
Concrete	100%			2047			**	
Concrete w/ Steel Face	100%			LIFE			**	
Granite	100%			LIFE			**	
<hr/>								
Railings/Parapets								
Concrete	95%			2036			**	4
Concrete	5%	2-4	\$159,300	2036			**	4
<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+	\$90,200	LIFE			**	2-8
<i>Damaged Railing, Extent : Light, Area Affected : 2%</i>								
<i>Location : North End</i>								
<hr/>								
Sidewalks								
Concrete	100%			2032			**	5
Granite Paver	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Fascia</i>								
<i>Explanation : Pavers At North Fascia</i>								
<hr/>								
Wearing Surface								
Asphalt	90%			2028			**	5
Asphalt	10%	4+	\$131,600	2028			**	5
<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>								
<hr/>								
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
BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE

Asset # : 2511

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

Superstructure

Primary Member

Concrete	90%			LIFE	* *	5	\$720,100	
Concrete	10%	4+	\$596,700	LIFE	* *	5	\$360,100	

Broken/Missing Elements, Extent : Light, Area Affected : 10%

Location : Random Locations Throughout

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : BELT PARKWAY BRIDGE / ROCKAWAY PARKWAY
Address : BELT SHORE PARKWAY
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0023.030 / 14785 **Yr Built/Renovated** : 2011 /
Area Sq Ft : 10,370 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 15-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 2231499

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure			\$21,900	
Total			\$21,900	
Importance Code C			\$21,900	
Total			\$21,900	



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
BELT PARKWAY BRIDGE / ROCKAWAY PARKWAY

Asset # : 14785

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2053	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Granite	100%			LIFE	**			
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2040	**	4	\$43,900	
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**			
Steel	100%			LIFE	**			
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
BELT PARKWAY BRIDGE / ROCKAWAY PARKWAY
Asset # : 14785

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Median								
Concrete	100%			LIFE	**	5		
Railings/Parapets								
Concrete	100%			2040	**	4		
Steel	100%			LIFE	**	2-8		
Wearing Surface								
Concrete	100%			2040	**	5		
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5		
Primary Member								
Steel	100%			LIFE	**	2-8		
Secondary Member								
Steel	100%			LIFE	**	2-8		

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$4,380,500	\$2,066,200
Total	\$4,380,500	\$2,066,200
Importance Code A	\$3,033,900	\$501,300
Importance Code B	\$1,186,000	
Importance Code C	\$160,600	\$1,565,000
Total	\$4,380,500	\$2,066,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$71,100		\$2,400	
Total	\$71,100		\$2,400	
Importance Code B	\$34,700			
Importance Code C	\$36,400		\$2,400	
Total	\$71,100		\$2,400	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Stem (breastwall)								
Concrete	15%	4+	\$103,600	LIFE			**	
			<i>Efflorescence, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Concrete	85%			LIFE			**	
Tile	100%	4+	\$34,700	LIFE			**	
			<i>Broken/Missing Elements, 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%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			**	
Approaches								
Pavement								
Asphalt	100%	4+	\$78,100	2026	\$781,200	4	\$12,400	
			<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+	\$47,200	2034			**	\$92,500
			<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE		**		
<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		**		
<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>								
Sidewalks								
Concrete	100%	4+	\$16,900	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Piers								
Pier,Columns								
Concrete	20%			LIFE		**		
Concrete	80%	0-2	\$173,100	LIFE		**		
<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>								
Stem,Solid Pier								
Concrete	60%			LIFE		**		
Concrete	40%	2-4	\$909,300	LIFE		**		
<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>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
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
BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY

Asset # : 2489

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete	100%			2045		**		
<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		**		
<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		**		
Sidewalks								
Asphalt	100%	4+	\$7,800	2023	\$78,000	4	\$17,900	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Plaza Entrance To Station Building</i>								
Concrete	60%			2030		**	\$4,800	
Concrete	40%	4+	\$11,700	2030		**	\$2,400	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Wearing Surface								
Asphalt	100%	4+	\$35,300	2026	\$705,800	5	\$31,100	
<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+	\$758,500	LIFE		**	\$250,600	
<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	\$2,275,400	LIFE		**	\$250,600	
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,141,500	\$1,052,900
Total	\$1,141,500	\$1,052,900
Importance Code A	\$935,700	\$282,300
Importance Code C	\$205,700	\$770,600
Total	\$1,141,500	\$1,052,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$90,700		\$24,800	\$600
Total	\$90,700		\$24,800	\$600
Importance Code A	\$34,100		\$24,800	\$600
Importance Code B	\$13,600			
Importance Code C	\$43,000			
Total	\$90,700		\$24,800	\$600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**			
<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%							
Joint with Deck								
Steel	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Stem (breastwall)								
Concrete	10%	4+	\$13,600	LIFE	**			
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Concrete	90%			LIFE	**			
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$141,200	2025	\$706,100	4	\$14,900	
<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+	\$22,000	2033	**	4	\$57,000	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$3,600	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Embankment								
Earth	100%			LIFE		**		
Guide Railing								
Concrete	100%	2-4	\$3,300	2033		**	4	\$1,100
<i>Broken/Missing Elements, 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
Timber	100%	4+	\$7,800	2025	\$38,900		4	\$1,600
<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		**		
Sidewalks								
Concrete	100%	4+	\$9,900	LIFE		**		
<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%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete	100%			2044		**		
<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>								
<hr/>								
Guide Railing								
Concrete	100%	4+	\$8,400	2037		**		
<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>								
<hr/>								
Railings/Parapets								
Concrete	100%			2033		**	4	\$1,100
Steel	100%	4+	\$11,000	LIFE		**	2-8	\$9,500
<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>								
<hr/>								
Sidewalks								
Concrete	100%	4+	\$11,100	2029		**	5	\$6,000
<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>								
<hr/>								
Wearing Surface								
Concrete	100%			2033		**	5	\$129,100
<hr/>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
<hr/>								
Primary Member								
Steel	100%	4+	\$935,700	LIFE		**	2-8	\$454,600
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Fascia Girder On Bottom Flange</i>								
<hr/>								
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : **24-Aug-2015** Landmark Status : **NONE**
 Areas Surveyed :
 Block : Lot : BIN : **2266540**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,693,200	\$889,500
Total	\$1,693,200	\$889,500
Importance Code A	\$833,900	\$238,200
Importance Code B	\$651,300	\$651,300
Importance Code C	\$208,000	
Total	\$1,693,200	\$889,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$392,400		\$177,200	
Total	\$392,400		\$177,200	
Importance Code A	\$27,300		\$1,700	
Importance Code B	\$337,500		\$65,300	
Importance Code C	\$27,600		\$110,100	
Total	\$392,400		\$177,200	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Backwall								
Concrete	100%			LIFE			* *	
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Stem (breastwall)								
Brick	100%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%	4+	\$8,400	LIFE			* *	
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Small Random Potholes Throughout</i>								
Piles								
Not Accessible	100%							
Walls								
Brick	95%			LIFE			* *	
Brick	5%	4+	\$2,500	LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Broken/missing Element</i>								
Concrete	55%	4+	\$208,000	LIFE			* *	
<i>Broken/Missing Elements, 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 Locations Throughout</i>								
<i>Explanation : Minor Peeling Paint</i>								
Concrete	45%			LIFE			* *	
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	100%			2028			* *	\$3,200
Concrete	10%	4+	\$9,700	2036			* *	\$217,000
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	90%			2036			* *	\$217,000

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Concrete	100%			2036	**	4		
Steel	100%			LIFE	**	2-8	\$40,900	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**			
Steel	100%	4+	\$10,100	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northern Approach</i>								
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Cracks</i>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Pier, Columns								
Concrete Encased Steel	100%	4+	\$4,900	LIFE	**	5	\$12,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Delamination</i>								
Steel	100%			LIFE	**	2-8	\$1,536,500	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Span 1</i>								
<i>Explanation : Impact Damage</i>								
Stem, Solid Pier								
Concrete	100%			LIFE	**			
Footings								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST
Asset # : 2508

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2047		**		
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : At Joints</i>					
Gratings								
Steel	100%			LIFE		**		
Guide Railing								
Concrete	100%			2040		**		
			<i>Other Observation, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Peeling Paint</i>					
Steel	100%	4+	\$2,000	LIFE		**		
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Broken Support At Southwest Side</i>					
Median								
Concrete	100%			LIFE		**	5	
Railings/Parapets								
Concrete	100%			2036		**	4	\$2,100
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Minor Scaling And Peeling Paint</i>					
Sidewalks								
Concrete	100%			2032		**	5	\$800
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Asphalt	100%	4+	\$6,800	2028		**	5	\$17,100
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Transverse Cracks</i>					
Superstructure								
Deck, Structural								
Concrete	40%			LIFE		**	5	\$72,400
Concrete	60%	2-4	\$245,300	LIFE		**	5	\$36,200
			<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>					

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Concrete Encased Steel	100%	4+	\$552,400	LIFE	**	5	\$165,800	
<i>Efflorescence, 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 : 80%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$894,400	
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$211,300	\$3,179,100
Total	\$211,300	\$3,179,100
Importance Code A		\$257,900
Importance Code B		\$203,900
Importance Code C	\$211,300	\$2,717,300
Total	\$211,300	\$3,179,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$117,500		\$48,000	
Total	\$117,500		\$48,000	
Importance Code A	\$34,800		\$27,500	
Importance Code B	\$32,400		\$20,400	
Importance Code C	\$50,300			
Total	\$117,500		\$48,000	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		* *		
Backwall								
Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$21,600	LIFE		* *		
			<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		* *		
Pedestals								
Concrete	100%			LIFE		* *		
Stem (breastwall)								
Concrete	15%	4+	\$10,800	LIFE		* *		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both Abutments</i>					
Concrete	85%			LIFE		* *		
Masonry	100%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	5%	4+	\$45,800	LIFE		* *		
			<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		* *		
Masonry: Stone	100%			LIFE		* *		
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	70%	4+	\$37,500	2026	\$1,874,100	4	\$42,700	
	<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	\$803,200	4	\$64,000	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
	<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	\$65,100	
	<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	\$44,200	
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Median								
Concrete	100%	4+	\$8,500	LIFE	**			
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : North Approach</i>							
Sidewalks								
Concrete	100%	4+	\$67,800	LIFE	**			
	<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	\$124,800	
Pier,Columns								
Concrete	100%			LIFE	**			
	<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	\$1,400	
	<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%							

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$3,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Mono Deck Surface								
Concrete	100%			2051	**	5		
Railings/Parapets								
Concrete	100%			2034	**	4	\$13,800	
<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	\$12,700	
Sidewalks								
Concrete	100%	4+	\$29,000	2030	**	5	\$4,800	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$60,300	2034	**	5	\$40,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Near Cold Joints At Piers</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$22,700	
<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	\$380,800	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$319,000	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$156,500	\$2,218,500
Total	\$156,500	\$2,218,500
Importance Code A		\$412,200
Importance Code B	\$72,100	\$371,000
Importance Code C	\$84,400	\$1,435,300
Total	\$156,500	\$2,218,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$79,100		\$75,300	
Total	\$79,100		\$75,300	
Importance Code A	\$34,900		\$38,100	
Importance Code B	\$16,900		\$37,200	
Importance Code C	\$27,400			
Total	\$79,100		\$75,300	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			* *	
Backwall								
Concrete	100%			LIFE			* *	
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE			* *	
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$72,100	LIFE			* *	
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Concrete	100%			LIFE			* *	
Stem (breastwall)								
Masonry	100%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	100%	4+	\$27,400	2026	\$1,367,600	4	\$18,800	
			<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			* *	
			<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			* *	
Piers								
Cap Beam								
Concrete	100%			LIFE			* *	
			<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns Concrete	100%			LIFE	**			
<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+	\$16,900	LIFE	**			
<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	\$10,300	
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
Piles Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$11,100	LIFE	**			
<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+	\$19,700	2034	**	4	\$8,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Steel	100%			LIFE	**	2-8	\$11,700	
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Sidewalks Concrete	100%	4+	\$37,300	2030	**	5	\$13,200	
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Left Side- Span 1</i>								
Wearing Surface Asphalt	100%			2026		5		
Concrete	100%	4+	\$47,100	2034	**	5	\$67,700	
<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
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	**			
<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	\$41,200	
<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	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$692,900	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$580,400	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure		\$1,505,200
Total		\$1,505,200
Importance Code A		\$168,300
Importance Code B		\$168,300
Importance Code C		\$1,168,700
Total		\$1,505,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$85,100		\$34,100	
Total	\$85,100		\$34,100	
Importance Code A	\$35,400		\$17,200	
Importance Code B	\$17,900		\$16,900	
Importance Code C	\$31,800			
Total	\$85,100		\$34,100	



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.

DEPARTMENT OF TRANSPORTATION - 841
CROSS BAY BLVD. BRIDGE CONDUIT BLVD
Asset # : 13568

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$17,900	LIFE	**			
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Joint</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
<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%							
Walls								
Granite	100%			LIFE	**			
Approaches								
Pavement								
Asphalt	100%			2026	\$1,168,700	4	\$31,800	
Concrete	100%			2034	**	4	\$47,200	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	100%	4+	\$21,900	LIFE	**	2-8	\$5,900	
<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	**			

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE		**		
<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		**		
Pier,Columns								
Concrete	100%			LIFE		**		
<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	\$4,100
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Median								
Concrete	100%			LIFE		**	5	\$1,400
Mono Deck Surface								
Concrete	100%			2045		**	5	
Railings/Parapets								
Concrete	100%	4+	\$13,500	2034		**	4	\$7,800
<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+	\$5,500	2030		**	5	\$2,600
<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
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		
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout Entire Deck</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$18,700	
<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	\$314,300	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$263,300	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$512,500	\$6,547,300
Total	\$512,500	\$6,547,300
Importance Code A	\$333,600	\$459,400
Importance Code B	\$110,600	\$229,700
Importance Code C	\$68,200	\$5,858,300
Total	\$512,500	\$6,547,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$124,300		\$71,600	\$65,600
Total	\$124,300		\$71,600	\$65,600
Importance Code A	\$36,300		\$48,600	
Importance Code B	\$35,000		\$23,000	
Importance Code C	\$53,000			\$65,600
Total	\$124,300		\$71,600	\$65,600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
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+	\$51,300	LIFE		* *		
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Abutment West Side</i>								
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Steel	100%			LIFE		* *		
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$31,600	LIFE		* *		
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Both Abutments</i>								
Mat (scour & erosion) Earth	100%			LIFE		* *		
<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+	\$3,200	LIFE		* *		
<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+	\$68,600	LIFE		* *		
<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%							
Mat (scour & erosion) Earth	100%			LIFE		* *		
Piles Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY
Asset # : 13516

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Masonry: Stone	100%	4+	\$8,700	LIFE			**	
<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	\$5,790,000	4	\$131,300	
<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+	\$12,600	2033		4	\$35,200	**
<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+	\$55,300	LIFE			**	
<i>Settlement, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Both Approaches</i>								
Embankment								
Earth	100%			LIFE			**	
Guide Railing								
Steel	100%			LIFE		2-8	\$57,700	**
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Sidewalks								
Concrete	100%	4+	\$15,500	LIFE			**	
<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+	\$42,100	LIFE			**	
<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+	\$3,400	LIFE			**	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier Concrete	100%			LIFE	**			
<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	
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Pier</i>								
<i>Explanation : Paved Roadway</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$2,100	LIFE	**			
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Median								
Concrete	100%	4+	\$82,200	LIFE	**	5	\$27,900	
<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	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Railing And Fence</i>								
Sidewalks Concrete	100%	4+	\$6,200	2029	**	5	\$3,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Isolated Locations</i>								
Wearing Surface Concrete	100%			2033	**	5	\$136,400	
Scupper Ductile Iron	100%			LIFE	**			
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural Concrete	100%	4+	\$144,900	LIFE	**	5	\$25,500	
	<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+	\$10,000	LIFE	**			
	<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Primary Member								
Steel	2%	4+	\$30,900	LIFE	**	2-8	\$429,000	
	<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	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$359,400	

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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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$939,900	\$1,316,300
Total	\$939,900	\$1,316,300
Importance Code A	\$109,100	\$296,900
Importance Code B	\$642,800	\$597,700
Importance Code C	\$188,100	\$421,700
Total	\$939,900	\$1,316,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$119,100		\$92,500	\$8,000
Total	\$119,100		\$92,500	\$8,000
Importance Code A	\$19,600		\$31,000	\$8,000
Importance Code B	\$24,000		\$61,500	
Importance Code C	\$75,500			
Total	\$119,100		\$92,500	\$8,000



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

Maintenance \$ are aggregated over a ten-year period. Site 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
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%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Cast Iron	100%			LIFE			* *	
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : South Abutment</i>					
			<i>Explanation : Steel Sheeting</i>					
Concrete	100%			LIFE			* *	
Feature Crossed								
Bank Protection								
Riprap	100%	Now	\$123,200	LIFE			* *	
			<i>Broken/Missing Elements, 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	\$431,900	LIFE			* *	
			<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>					
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
DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV
Asset # : 2443

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	2-4	\$29,200	2022	\$292,100	4	\$3,900	
<i>Cracks, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : More Severe At South Approach</i>								
Concrete	100%	4+	\$13,600	2033	**	4	\$14,900	
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Both Approaches</i>								
Curbs								
Concrete	5%	4+	\$4,000	LIFE	**			
<i>Broken/Missing Elements, 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	**			
Granite	100%			LIFE	**			
Embankment								
Generic	100%			LIFE	**			
Guide Railing								
Steel	100%	0-2	\$14,200	LIFE	**	2-8	\$5,800	
<i>Damaged Railing, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Approach East Side</i>								
Mat (scour & erosion)								
Earth	80%			LIFE	**			
Earth	20%	Now	\$1,400	LIFE	**			
<i>Erosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Approach Along Bank Of Harlem River</i>								
Sidewalks								
Concrete	100%	4+	\$14,500	LIFE	**			
<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>								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$45,600	
Stem,Solid Pier								
Concrete	100%	4+	\$210,900	LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Brngs,Ancr Blts,Pads								
Steel	100%	4+	\$109,100	LIFE	**	2-8	\$16,000	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Footings								
Not Accessible	100%							
Pedestals								
Concrete	100%	4+	\$17,600	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Piers 5, 6 And 7</i>								
Deck Elements								
Curbs								
Granite	100%			LIFE	**			
Railings/Parapets								
Concrete	100%			2033	**	4	\$16,000	
Steel	100%			LIFE	**	2-8	\$9,400	
<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+	\$11,700	2029	**	5	\$4,100	
<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	
Concrete	5%	4+	\$2,300	2033	**	5	\$64,800	
<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	
<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+	\$4,300	LIFE	**			
<i>Leakage, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	**			
<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	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
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	\$6,400	LIFE	* *	2-8	\$467,600	
		<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	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$694,800	\$3,770,100
Total	\$694,800	\$3,770,100
Importance Code A	\$120,900	\$170,200
Importance Code B	\$71,200	\$170,200
Importance Code C	\$502,700	\$3,429,600
Total	\$694,800	\$3,770,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$125,600	\$34,600	\$35,700	
Total	\$125,600	\$34,600	\$35,700	
Importance Code A	\$36,000		\$18,700	
Importance Code B	\$47,000		\$17,100	
Importance Code C	\$42,600	\$34,600		
Total	\$125,600	\$34,600	\$35,700	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			* *	
Backwall								
Concrete	100%			LIFE			* *	
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both Abutments</i>					
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE			* *	
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$19,500	LIFE			* *	
			<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			* *	
Pedestals								
Concrete	100%			LIFE			* *	
Stem (breastwall)								
Concrete	100%	4+	\$71,200	LIFE			* *	
			<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+	\$13,300	LIFE			* *	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Northeast Corner</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
E. 12TH STREET BRIDGE
Asset # : 13571

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	6%	4+	\$56,700	LIFE			**	
<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			**	
Masonry: Stone	80%	4+	\$29,500	LIFE			**	
<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			**	
Approaches								
Pavement								
Asphalt	100%	4+	\$343,000	2026	\$3,429,600	4	\$54,600	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$73,500	LIFE			**	
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE			**	
Guide Railing								
Steel	100%			LIFE		2-8	\$43,600	
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Median								
Concrete	100%	4+	\$47,400	LIFE			**	
<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+	\$41,300	LIFE			**	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns Concrete	100%	2-4	\$14,300	LIFE	**			
<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	\$1,400	
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
Piles Not Accessible	100%							
Deck Elements								
Curbs Concrete w/ Steel Face	100%	4+	\$23,200	LIFE	**			
<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+	\$12,800	LIFE	**	5	\$3,000	
<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	\$11,400	
Sidewalks Concrete	100%	4+	\$13,100	2030	**	5	\$2,200	
<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	
Superstructure Deck,Structural Concrete	100%			LIFE	**	5	\$18,900	

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
E. 12TH STREET BRIDGE
Asset # : 13571

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Generic	80%	4+	\$49,300	LIFE		**		
	<i>Broken/Missing Elements, 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	\$12,300	LIFE		**		
	<i>Broken/Missing Elements, 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	\$318,000
	<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	\$266,400
	<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$562,400	\$3,130,400
Total	\$562,400	\$3,130,400
Importance Code A	\$40,700	
Importance Code C	\$521,600	\$3,130,400
Total	\$562,400	\$3,130,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$29,400		\$500	
Total	\$29,400		\$500	
Importance Code A	\$8,400		\$500	
Importance Code C	\$21,000			
Total	\$29,400		\$500	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$98,900	LIFE		* *		
			<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		* *		
Approaches								
Pavement								
Asphalt	100%	0-2	\$285,600	2026	\$2,856,300	4	\$45,500	
			<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	
Curbs								
Concrete w/ Steel Face	100%			LIFE		* *		
			<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
Median								
Concrete	100%			LIFE		* *		

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	\$14,700	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Stem,Solid Pier								
Masonry	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Median								
Concrete	100%	4+	\$3,600	LIFE		**	5	\$2,100
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2034		**	4	\$14,500
Steel	100%	4+	\$40,700	LIFE		**	2-8	\$13,300
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$6,300	2030		**	5	\$2,600
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%	2-4	\$137,100	2026	\$274,100		5	\$12,100
<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%							
Primary Member								
Not Accessible	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.

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

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

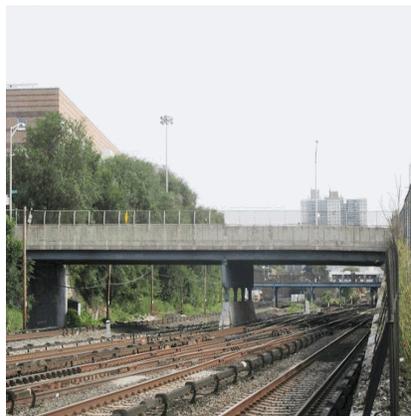
CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$49,400			
Total	\$49,400			
Importance Code B	\$12,200			
Importance Code C	\$37,200			
Total	\$49,400			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$12,200	LIFE			* *	
<i>Loose Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Abutment</i>								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE			* *	
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Of The Wall Is Not Accessible</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	\$4,300	LIFE			* *	
<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+	\$14,100	LIFE			* *	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	2-4	\$9,000	2025	\$30,000	4	\$800	
<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+	\$4,700	2033	**	4	\$3,100	
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
<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		
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
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
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		* *		
Mono Deck Surface								
Concrete	100%			2044		* *	5	
Railings/Parapets								
Concrete	100%			2033		* *	4	
<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+	\$5,100	2029		* *	5	\$3,500
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure		\$320,500
Total		\$320,500
Importance Code A		\$124,500
Importance Code B		\$124,500
Importance Code C		\$71,600
Total		\$320,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$59,200		\$25,300	
Total	\$59,200		\$25,300	
Importance Code A	\$6,700		\$12,800	
Importance Code B			\$12,500	
Importance Code C	\$52,400			
Total	\$59,200		\$25,300	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	100%	4+	\$7,200	2025	\$71,600	4	\$1,500	
<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	\$11,100	2033		4	\$5,800	
<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>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE			* *	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Sidewalks								
Concrete	75%	4+	\$2,700	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations</i>					
Concrete	10%	4+	\$5,500	LIFE			**	
			<i>Settlement, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Random Locations</i>					
Concrete	15%	0-2	\$8,200	LIFE			**	
			<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+	\$6,700	2037			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
Median								
Concrete	100%			LIFE		**	5	\$2,600
Mono Deck Surface								
Concrete	100%	4+	\$5,600	2044		**	5	\$33,400
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$9,900
			<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+	\$9,500	2029		**	5	\$5,800
			<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
			<i>Cracks, Extent : Light, Area Affected : 80%</i>					
			<i>Location : Both Sides</i>					
Superstructure								
Deck,Structural								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
EAST 149TH STREET BRIDGE
Asset # : 13713

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$232,500	
		<i>Corrosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations</i>						
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$194,700	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure		\$1,432,700
Total		\$1,432,700
Importance Code C		\$1,432,700
Total		\$1,432,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$92,500		\$4,500	
Total	\$92,500		\$4,500	
Importance Code A	\$17,200			
Importance Code C	\$75,400		\$4,500	
Total	\$92,500		\$4,500	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	50%			2026	\$716,300	4	\$34,200	
Asphalt	50%	4+	\$14,300	2026	\$716,300	4	\$22,800	
<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>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$11,900	LIFE			**	
<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>								
Embankment								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Earth	100%			LIFE			**	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	\$23,900	LIFE		**		
<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+	\$3,200	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2034		**	4	\$6,300
<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
Wearing Surface								
Concrete	100%	4+	\$25,700	2034		**	5	\$17,100
<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%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 20-Aug-2015 Landmark Status : NONE
 Areas Surveyed :
 Block : Lot : BIN : 2242300

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,429,200	\$902,900
Total	\$1,429,200	\$902,900
Importance Code A	\$312,700	\$220,500
Importance Code B	\$1,116,400	\$682,300
Total	\$1,429,200	\$902,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$374,300		\$76,700	
Total	\$374,300		\$76,700	
Importance Code A	\$18,300		\$100	
Importance Code B	\$289,500		\$68,400	
Importance Code C	\$66,600		\$8,200	
Total	\$374,300		\$76,700	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Backwall								
Concrete	100%			LIFE			* *	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%	4+	\$3,200	LIFE			* *	
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Pothole At Eastern Exit Of Tunnel</i>								
Stem (breastwall)								
Concrete	100%	4+	\$140,000	LIFE			* *	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spalling At Interface With Pedestals, Water Infiltration At One Spall In South Abutment</i>								
Steel	100%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rust Stains</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	70%			2028			* *	\$16,300
Asphalt	30%	4+	\$27,000	2028			* *	\$16,300
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	20%	4+	\$15,800	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	80%			LIFE	**			
Piers								
Pier,Columns								
Steel	80%			LIFE	**	2-8	\$1,609,800	
Steel	20%	4+	\$635,200	LIFE	**	2-8	\$982,300	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Pitting Throughout</i>								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Wall Between Columns At Bottom</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Gratings								
Steel	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$33,900	
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$3,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence And Box Beam Railing</i>								
Sidewalks								
Concrete	80%			2032	**	5	\$7,200	
Concrete	20%	4+	\$3,900	2032	**	5	\$3,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout, Large Crack At Sidewalk Over Eastern End Of Tunnel</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 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST
Asset # : 2488

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Asphalt	90%			2028	**	5	\$33,000	
Asphalt	10%	4+	\$3,300	2028	**	5	\$16,500	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Side</i>								
<i>Explanation : Plants And Garden</i>								
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$131,800	LIFE	**	5	\$39,500	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Cracks With Efflorescence At Deck Supporting Subway</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</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	\$362,000	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure		\$649,300
Total		\$649,300
Importance Code A		\$264,200
Importance Code B		\$39,300
Importance Code C		\$345,800
Total		\$649,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$105,600		\$26,300	\$300
Total	\$105,600		\$26,300	\$300
Importance Code A	\$2,200		\$22,300	\$300
Importance Code B	\$37,400		\$3,900	
Importance Code C	\$66,000			
Total	\$105,600		\$26,300	\$300



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

Maintenance \$ are aggregated over a ten-year period. Site 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
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			* *	
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$22,200	LIFE			* *	
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Concrete	100%			LIFE			* *	
Stem (breastwall)								
Concrete	5%	4+	\$15,100	LIFE			* *	
<i>Cracks, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Concrete	95%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$12,600	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Masonry	100%	4+	\$2,100	LIFE			* *	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%	4+	\$5,500	2025	\$272,800	4	\$7,300	
<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+	\$8,500	2033	**	4	\$11,100	
<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	**			
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$3,400	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Piers								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$113,200	
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Median								
Concrete	90%			LIFE	**	5	\$21,700	
Concrete	10%	4+	\$2,200	LIFE	**	5	\$21,700	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations</i>								
Railings/Parapets								
Concrete	100%			2033	**	4	\$500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Concrete Parapet</i>								
Steel	100%			LIFE	**	2-8	\$4,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Steel Railing</i>								
Sidewalks								
Concrete	100%	4+	\$7,700	2029	**	5	\$5,300	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Wearing Surface								
Concrete	100%	4+	\$26,300	2033	**	5	\$73,000	
<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%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$412,300	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 26-Aug-2015
Areas Surveyed :
Block : Lot : BIN : 223201A
Agency's Number : N/A
Yr Built/Renovated : 1954 /
Project Type : HIGHWAY BRIDGES
Landmark Status : NONE

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$3,044,600	\$2,708,500
Total	\$3,044,600	\$2,708,500
Importance Code A	\$1,823,800	\$1,538,600
Importance Code B	\$1,220,700	\$1,169,900
Total	\$3,044,600	\$2,708,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$957,200		\$271,700	
Total	\$957,200		\$271,700	
Importance Code A	\$610,300		\$153,200	
Importance Code B	\$317,000		\$117,300	
Importance Code C	\$29,800		\$1,200	
Total	\$957,200		\$271,700	



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

Maintenance \$ are aggregated over a ten-year period. Site 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	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : End Abutment Is Within Contractor Staging Area</i>						
		<i>Explanation : Under Construction,</i>						
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : End Abutment</i>						
		<i>Explanation : Under Construction</i>						
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Under Construction</i>						
Walls								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Under Construction</i>						
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Under Construction</i>						
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
FDR NB RAMP/SOUTH ST
Asset # : 4323

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	60%			2028	**	4	\$2,400	
Asphalt	40%	2-4	\$13,400	2028	**	4	\$2,400	
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Minor Spalls With Deteriorated Surface (End Approach)</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Surface Of End Approach</i>								
<i>Explanation : Rutting</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction</i>								
Piers								
Cap Beam								
Concrete	75%			LIFE	**			
Concrete	25%	4+	\$285,300	LIFE	**			
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$1,898,800	
Pier,Columns								
Concrete	80%			LIFE	**			
Concrete	20%	4+	\$50,800	LIFE	**			
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Cracks And Spalling Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Spalls With And Without Exposed Reinforcement Are Covered With Steel Mesh</i>								
Steel	100%			LIFE	**	2-8	\$747,200	
Stem,Solid Pier								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction</i>								
Brngs,Ancr Blts,Pads								
Under Construction	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.

DEPARTMENT OF TRANSPORTATION - 841
FDR NB RAMP/SOUTH ST
Asset # : 4323

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Under Construction	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2036	**	4	\$5,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Under Construction</i>						
Wearing Surface								
Asphalt	100%			2028	**	5	\$32,900	
Scupper								
Cast Iron	100%			LIFE	**			
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$72,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Stay In Place Form Is Observed Under Deck</i>						
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$3,238,300	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$2,778,400	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : FDR SB RAMP/SOUTH ST
Address : DOVER AND SOUTH STREETS
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0027.0B0 / 4324 **Yr Built/Renovated** : 1954 /
Area Sq Ft : 44,600 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 26-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 223201B

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,853,100	\$2,481,600
Total	\$1,853,100	\$2,481,600
Importance Code A	\$1,608,700	\$1,802,600
Importance Code B	\$244,500	\$679,000
Total	\$1,853,100	\$2,481,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$603,900		\$242,100	
Total	\$603,900		\$242,100	
Importance Code A	\$440,100		\$172,700	
Importance Code B	\$130,900		\$68,100	
Importance Code C	\$32,900		\$1,200	
Total	\$603,900		\$242,100	



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.

DEPARTMENT OF TRANSPORTATION - 841
FDR SB RAMP/SOUTH ST
Asset # : 4324

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$3,800	LIFE			* *	
			<i>Delaminations, 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 : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	\$9,800	LIFE			* *	
			<i>Delaminations, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, 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>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : End Abutment Is Within Contractor Staging Area</i>					
			<i>Explanation : Under Construction</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$4,000	LIFE			* *	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Granite	100%			LIFE			* *	
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
FDR SB RAMP/SOUTH ST
Asset # : 4324

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	90%			2028	**	4	\$2,400	
Asphalt	10%	2-4	\$6,100	2028	**	4	\$2,400	
<i>Cracks, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Pavement Base								
Not Accessible	100%							
<hr/>								
Railings/Parapets								
Concrete	100%			2036	**			
Granite	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : End Approach</i>								
<i>Explanation : Covered By Construction Fence</i>								
<hr/>								
Piers								
Cap Beam								
Steel	90%			LIFE	**	2-8	\$1,607,900	
Steel	10%	4+	\$65,700	LIFE	**	2-8	\$961,100	
<i>Loss of Section, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
<hr/>								
Pier,Columns								
Steel	90%			LIFE	**	2-8	\$560,400	
Steel	10%	4+	\$125,700	LIFE	**	2-8	\$342,000	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Stem,Solid Pier								
Concrete	100%	4+	\$17,900	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$8,400	
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
<hr/>								
Pedestals								
Steel	100%			LIFE	**			
<hr/>								
Piles								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
FDR SB RAMP/SOUTH ST
Asset # : 4324

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets								
Concrete	100%			2036	**	4		
Granite	100%			LIFE	**			
Steel	100%	4+	\$10,400	LIFE	**	2-8	\$17,000	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	80%			2028	**	5	\$19,300	
Asphalt	20%	2-4	\$13,200	2028	**	5	\$9,700	
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			
Superstructure								
Deck, Structural								
Concrete	60%			LIFE	**	5	\$45,100	
Concrete	40%	2-4	\$304,800	LIFE	**	5	\$22,600	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Honeycombing</i>								
Joints								
Generic	100%			LIFE	**			

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Concrete	70%			LIFE	**	5	\$43,200	
Concrete	30%	0-2	\$287,800	LIFE	**	5	\$21,600	
<i>Cracks, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Random Locations At Spans 9-10</i>								
<i>Efflorescence, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Random Locations At Spans 9-10</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations At Spans 9-10</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations At Spans 9-10</i>								
<i>Other Observation, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Random Locations At Spans 9-10</i>								
<i>Explanation : Stalactite, Map Cracks With Wet Stains And Scaling</i>								
Steel	95%			LIFE	**	2-8	\$1,413,200	
Steel	5%	4+	\$93,300	LIFE	**	2-8	\$824,500	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling And Temporary Support Near Pier 6</i>								
Secondary Member								
Steel	100%	4+	\$3,600	LIFE	**	2-8	\$690,700	
<i>Corrosion, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Span 6, End Diaphragm Of Bays 1 And 3 At Pier 6</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 28-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 2233038

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$2,276,300	\$2,081,900
Total	\$2,276,300	\$2,081,900
Importance Code A	\$1,582,400	\$1,387,900
Importance Code B	\$694,000	\$694,000
Total	\$2,276,300	\$2,081,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$392,600		\$208,800	\$29,400
Total	\$392,600		\$208,800	\$29,400
Importance Code A	\$242,600		\$139,200	
Importance Code B	\$126,300		\$69,600	
Importance Code C	\$23,700			\$29,400
Total	\$392,600		\$208,800	\$29,400



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : The Condition Of The Component Is Recorded Per NYS Inspection Report.</i>								
<hr/>								
Backwall Concrete	100%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Component Is Recorded Per NYS Inspection Report.</i>								
<hr/>								
Brngs,Ancr Blts,Pads Elastomeric	100%			2047			* *	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Component Is Recorded Per NYS Inspection Report.</i>								
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Joint with Deck								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
<hr/>								
Pedestals								
Concrete	100%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Component Is Recorded Per NYS Inspection Report.</i>								
<hr/>								
Stem (breastwall)								
Concrete	100%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Component Is Recorded Per NYS Inspection Report.</i>								
<hr/>								
Wingwalls								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
Walls								
Concrete	100%			LIFE			* *	
<hr/>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
<hr/>								
Approaches								

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET

Asset # : 4208

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$23,700	2028	**	4	\$4,300	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Concrete	100%			2036	**	4		
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Steel	100%			LIFE	**	2-8		
Pier,Columns								
Concrete	100%			LIFE	**			
Concrete Encased Steel	100%			LIFE	**	5		
Stem,Solid Pier								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : At East Face Of Pier 33</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%	4+	\$42,600	2036	**	4	\$9,700	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Joints Along Fascia</i>								
Wearing Surface								
Concrete	100%			2036	**	5	\$58,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stay In Place Form Is Observed Underneath The Deck</i>								
Scupper								
Cast Iron	100%			LIFE	**			
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
FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET

Asset # : 4208

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural Concrete	100%			LIFE	**	5	\$22,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stay In Place Form Is Observed</i>								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	10%	4+	\$845,800	LIFE	**	2-8	\$1,296,200	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Impact Marks With Rust Stains To Bottom Flange Of Girders In Span 34</i>								
Steel	90%			LIFE	**	2-8	\$2,221,600	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,906,100	

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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$158,500	\$6,761,700
Total	\$158,500	\$6,761,700
Importance Code A	\$74,900	\$778,700
Importance Code C	\$83,600	\$5,983,000
Total	\$158,500	\$6,761,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$67,200		\$1,200	\$34,800
Total	\$67,200		\$1,200	\$34,800
Importance Code A	\$12,300		\$1,200	\$10,700
Importance Code B	\$15,100			
Importance Code C	\$39,800			\$24,200
Total	\$67,200		\$1,200	\$34,800



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Footings								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE			**	
Tile	100%	4+	\$15,100	LIFE			**	
<i>Leakage, Extent : Light, Area Affected : 5%</i>								
<i>Location : Span 1 West Face</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			**	
Granite	100%			LIFE			**	
Approaches								
Pavement								
Asphalt	80%			2025	\$4,076,700	4	\$48,300	
Asphalt	20%	4+	\$20,400	2022	\$1,019,200	4	\$48,300	
<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>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
Granite	70%			LIFE			**	
Granite	30%	0-2	\$7,300	LIFE			**	
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Embankment								
Not Accessible	100%							
Guide Railing								
Steel	100%			LIFE		**	2-8	\$5,800

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Cobblestone	100%	4+	\$6,200	LIFE				**
<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+	\$6,400	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Along West Approach</i>								
Masonry	100%	4+	\$6,800	LIFE				**
<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				**
Tile	100%			LIFE				**
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE				**
Granite	100%			LIFE				**
<i>Settlement, Extent : Light, Area Affected : 50%</i> <i>Location : Random Locations</i>								
Median								
Concrete	20%	4+	\$5,000	LIFE		**	5	\$15,600
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations</i>								
Concrete	80%			LIFE		**	5	\$15,600
Railings/Parapets								
Concrete	100%			2033		**	4	\$21,300
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations</i>								
Steel	100%			LIFE		**	2-8	\$29,300
<i>Corrosion, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations</i>								
Sidewalks								
Concrete	100%			2029		**	5	\$82,600

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

Maintenance \$ are aggregated over a ten-year period. Site 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
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+	\$42,300	2025	\$845,800	5	\$30,500	
<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+	\$33,300	LIFE	**	5	\$101,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
Concrete	5%	Now	\$41,600	LIFE	**	5	\$101,500	
<i>Spalling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Span 2 Right Side</i>								
Concrete	85%			LIFE	**	5	\$101,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations</i>								
Primary Member								
Concrete	100%			LIFE	**	5	\$474,300	
Secondary Member								
Concrete	100%			LIFE	**	5		

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 09-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231460

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$415,200	\$351,500
Total	\$415,200	\$351,500
Importance Code A	\$139,100	\$139,100
Importance Code B	\$276,100	\$139,100
Importance Code C		\$73,300
Total	\$415,200	\$351,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$130,200		\$42,900	
Total	\$130,200		\$42,900	
Importance Code A	\$91,100		\$18,900	
Importance Code B	\$25,300		\$14,000	
Importance Code C	\$13,800		\$10,000	
Total	\$130,200		\$42,900	



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
FLATBUSH AVE. BRIDGE
Asset # : 13669

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northeast Corner</i>								
<i>Explanation : Vegetation Growth</i>								
Backwall Concrete	100%			LIFE			* *	
Brngs,Ancr Blts,Pads Elastomeric	100%			2047			* *	
Footings Not Accessible	100%							
Joint with Deck Generic	100%	Now	\$136,900	LIFE			* *	
<i>Cracks, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Random Locations Throughout</i>								
Mat (scour & erosion) Earth	100%			LIFE			* *	
Pedestals Concrete	100%			LIFE			* *	
Stem (breastwall) Concrete	100%			LIFE			* *	
Granite	100%			LIFE			* *	
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE			* *	
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE			* *	
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Granite	100%			LIFE			* *	
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Wingwalls</i>								
<i>Explanation : Stone Facing On Concrete Wingwalls</i>								
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE			* *	
Pier Protection Concrete	100%			LIFE			* *	
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
FLATBUSH AVE. BRIDGE
Asset # : 13669

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	80%			2028	**	4	\$3,400	
Asphalt	20%	4+	\$3,000	2028	**	4	\$3,400	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Northeast Side Of The Approach Around Con Edison Manhole</i>								
Concrete	100%			2036	**	4	\$16,600	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	80%			LIFE	**	2-8	\$9,300	
Steel	20%	4+	\$8,600	LIFE	**	2-8	\$5,800	
<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	**			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Approach Sidewalks</i>								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Masonry	100%			LIFE	**			
<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%			2047	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piles								
Not Accessible	100%							
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
FLATBUSH AVE. BRIDGE
Asset # : 13669

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
Median								
Concrete	100%			LIFE	**	5	\$3,100	
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Mono Deck Surface								
Concrete	100%			2047	**	5	\$73,300	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Crack In Deck Over The Pier</i>								
Railings/Parapets								
Concrete	95%			2036	**	4	\$8,500	
Concrete	5%	4+	\$3,000	2036	**	4	\$8,500	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$19,100	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Vegetation Growth</i>								
Sidewalks								
Concrete	55%			2032	**	5	\$5,600	
Concrete	45%	4+	\$10,800	2032	**	5	\$2,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	95%			LIFE	**	5	\$30,900	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : On Sip Forms</i>								
Concrete	5%	4+	\$5,200	LIFE	**	5	\$15,500	
<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	\$445,400	
<i>Rust Stains, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$382,200	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure		\$148,100
Total		\$148,100
Importance Code C		\$148,100
Total		\$148,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$46,300	\$1,900	\$300	\$1,300
Total	\$46,300	\$1,900	\$300	\$1,300
Importance Code A			\$300	
Importance Code B	\$7,100			
Importance Code C	\$39,100	\$1,900		\$1,300
Total	\$46,300	\$1,900	\$300	\$1,300



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$7,100	LIFE			* *	
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 20%</i>								
<i>Location : Both Abutments</i>								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<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>								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	95%			LIFE			* *	
Concrete	5%	4+	\$10,700	LIFE			* *	
<i>Broken/Missing Elements, 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>								
Approaches								
Pavement								
Asphalt	100%			2025	\$148,100	4	\$2,700	
Concrete	100%	4+	\$4,600	2033		4	\$10,300	
<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			* *	
<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			* *	
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE		**		
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	
Pier,Columns								
Concrete	100%			LIFE		**		
Steel	100%			LIFE		**	2-8	
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**	2-8	
Footings								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2044		**		
<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		**		
Mono Deck Surface								
Concrete	100%	4+	\$10,200	2044		**	5	\$21,100
<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
<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
Superstructure								
Deck,Structural								
Concrete	100%			LIFE		**	5	\$10,600
Joints								
Generic	100%	4+	\$13,600	LIFE		**		
<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%							
Secondary Member								
Not Accessible	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.

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

Print Date : 14-Dec-2016 **DEPARTMENT OF TRANSPORTATION - FY 2017**

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$153,400	\$992,600
Total	\$153,400	\$992,600
Importance Code A		\$440,800
Importance Code C	\$153,400	\$551,800
Total	\$153,400	\$992,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$75,900	\$2,000	\$39,900	
Total	\$75,900	\$2,000	\$39,900	
Importance Code A	\$30,500		\$39,900	
Importance Code C	\$45,400	\$2,000		
Total	\$75,900	\$2,000	\$39,900	



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
FORDHAM PLAZA METRO NORTH RAILROAD**

Asset # : 2482

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
	<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%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE			* *	
Pedestals Not Accessible	100%							
Stem (breastwall) Concrete	100%			LIFE			* *	
	<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			* *	
	<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%							
Mat (scour & erosion) Earth	100%			LIFE			* *	
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE			* *	
Approaches								
Pavement Brick	100%	4+	\$15,200	2025	\$304,900	4	\$209,900	
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations</i>							
	<i>Explanation : Settlement</i>							
Concrete	100%	4+	\$83,200	2033	* *	4	\$65,300	
	<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Granite	100%	4+	\$30,500	LIFE			* *	
<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	* *	
<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			* *	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Masonry								
	100%	4+	\$2,500	LIFE			* *	
<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			* *	
<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
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Pavers</i>								
Mono Deck Surface								
Concrete	100%	4+	\$23,400	2044		5	* *	\$106,500
<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%							
Railings/Parapets								
Concrete	100%			2033		4	* *	
Steel	100%			LIFE		2-8	* *	\$2,500
Sidewalks								
Concrete	100%			2029		5	* *	\$3,900

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
FORDHAM PLAZA METRO NORTH RAILROAD**

Asset # : 2482

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	90%			2033	**	5	\$140,400	
<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+	\$4,200	2033	**	5	\$70,200	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$44,100	
<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	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$740,900	
<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		
<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.

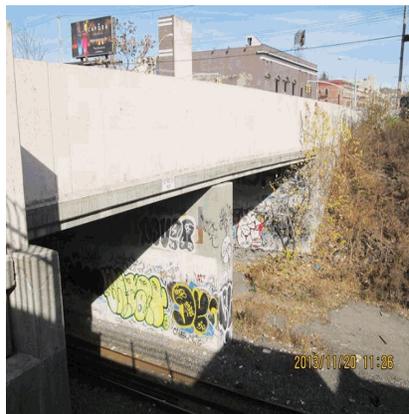
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$125,100	\$184,700
Total	\$125,100	\$184,700
Importance Code A	\$90,000	\$75,100
Importance Code B	\$35,100	
Importance Code C		\$109,700
Total	\$125,100	\$184,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$108,600			
Total	\$108,600			
Importance Code A	\$5,300			
Importance Code B	\$18,300			
Importance Code C	\$85,000			
Total	\$108,600			



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			* *	
Backwall								
Concrete	100%			LIFE			* *	
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051			* *	
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	25%	2-4	\$18,300	LIFE			* *	
		<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Generic	75%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Stem (breastwall)								
Concrete	35%	4+	\$35,100	LIFE			* *	
		<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 Through 17</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : At Top Of Wall Below Box Beam 12 Through 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			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
		<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$21,900	2026	\$109,700	4	\$1,500	
<i>Broken/Missing Elements, 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	\$19,300	
<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	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%			2034	**			
<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+	\$20,400	LIFE	**			
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Northwest Corner</i>								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<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
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+	\$5,300	2045	* *	5	\$21,000	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2034	* *	4	\$15,800	
Sidewalks								
Concrete	100%	4+	\$20,100	2033	* *	5	\$7,100	
<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	\$10,800	LIFE	* *			
<i>Broken/Missing Elements, 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+	\$90,000	LIFE	* *	5	\$37,500	
<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	\$37,500	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$98,600	
Total	\$98,600	
Importance Code A	\$38,600	
Importance Code C	\$60,000	
Total	\$98,600	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$110,900		\$200	
Total	\$110,900		\$200	
Importance Code A	\$2,700		\$200	
Importance Code B	\$34,800			
Importance Code C	\$73,400			
Total	\$110,900		\$200	



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

Maintenance \$ are aggregated over a ten-year period. Site 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	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	55%	2-4	\$34,800	LIFE			**	
			<i>Broken/Missing Elements, 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			**	
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	80%	4+	\$22,500	2034		**	4	\$47,600
			<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	\$71,500

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$38,600	LIFE			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : 18 Inch 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			**	
Railings/Parapets								
Steel	100%			LIFE			**	
Sidewalks								
Concrete	100%	4+	\$16,500	LIFE			**	
<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 4 Feet x 4 Feet Opening On The Sidewalk To Repair A Gas Leak.</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
Median								
Concrete	100%	4+	\$2,700	LIFE		**	5	\$1,400
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$5,300
Sidewalks								
Concrete	100%	4+	\$10,600	2030		**	5	\$3,800
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$60,000	2034		**	5	\$34,400
<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%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 20-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2242280

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$2,020,700	\$1,496,800
Total	\$2,020,700	\$1,496,800
Importance Code A	\$638,100	\$467,800
Importance Code B	\$1,276,600	\$981,800
Importance Code C	\$105,900	\$47,100
Total	\$2,020,700	\$1,496,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$514,900		\$110,400	
Total	\$514,900		\$110,400	
Importance Code A	\$9,500		\$100	
Importance Code B	\$430,300		\$98,500	
Importance Code C	\$75,000		\$11,900	
Total	\$514,900		\$110,400	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Concrete	100%			LIFE			* *	
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Stem (breastwall)								
Concrete	35%	4+	\$458,900	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	65%			LIFE			* *	
Concrete Encased Steel	70%	4+	\$157,500	LIFE			* *	
<i>Efflorescence, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spalling At Interface With Pedestals</i>								
Concrete Encased Steel	30%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	65%			LIFE			* *	
Concrete	35%	4+	\$53,200	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	60%			2028			* *	\$23,800
Asphalt	40%	2-4	\$52,700	2028			* *	\$23,800
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Along Wingwalls</i>								
<i>Settlement, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	80%			LIFE	**			
Concrete w/ Steel Face	20%	4+	\$3,900	LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	80%			LIFE	**			
Concrete	20%	4+	\$13,400	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Pier,Columns								
Steel	98%			LIFE	**	2-8	\$2,316,400	
Steel	2%	4+	\$18,300	LIFE	**	2-8	\$1,413,400	
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Stem,Solid Pier								
Concrete	75%			LIFE	**			
Concrete	25%	4+	\$169,400	LIFE	**			
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	90%			LIFE	**			
Concrete w/ Steel Face	10%	Now	\$1,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West And East Sidewalk</i>								
Gratings								
Steel	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$3,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 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
GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST
Asset # : 2501

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets								
Concrete	100%	4+	\$1,400	2036	**	4	\$800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$3,100	
Sidewalks								
Concrete	70%			2032	**	5	\$6,200	
Concrete	30%	2-4	\$9,900	2032	**	5	\$3,100	
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : West Sidewalk</i>								
Wearing Surface								
Asphalt	70%			2028	**	5	\$47,100	
Asphalt	30%	4+	\$28,200	2028	**	5	\$23,600	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Near Curbs</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : West Side</i>								
<i>Explanation : Construction Zone</i>								
Superstructure								
Deck, Structural								
Concrete	80%			LIFE	**	5	\$83,900	
Concrete	20%	4+	\$285,200	LIFE	**	5	\$41,900	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
Concrete Encased Steel	80%			LIFE	**	5	\$384,000	
Concrete Encased Steel	20%	4+	\$119,000	LIFE	**	5	\$192,000	
<i>Efflorescence, 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.

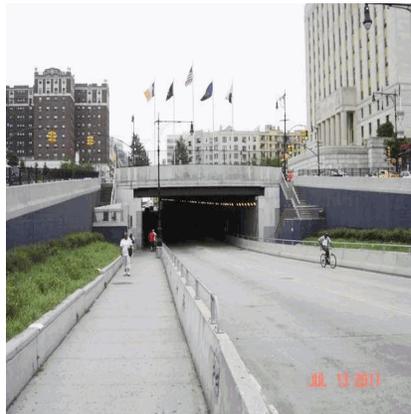
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 20-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2242259

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,045,900	\$644,000
Total	\$1,045,900	\$644,000
Importance Code A	\$253,900	\$253,900
Importance Code B	\$792,000	\$253,900
Importance Code C		\$136,300
Total	\$1,045,900	\$644,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$197,700		\$106,800	
Total	\$197,700		\$106,800	
Importance Code A	\$131,100		\$34,600	
Importance Code B	\$46,200		\$25,500	
Importance Code C	\$20,400		\$46,700	
Total	\$197,700		\$106,800	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Deck Elements								
Curbs								
Granite	100%			LIFE	**			
Gratings								
Steel	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5		
Granite	100%	4+	\$3,800	LIFE	**			
<i>Broken, Missing Pave, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near East End Of Plaza</i>								
<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%			2047	**	5	\$136,300	
Railings/Parapets								
Concrete	100%			2036	**	4	\$16,700	
Steel	100%			LIFE	**	2-8	\$37,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stainless Steel</i>								
Sidewalks								
Concrete	100%			2032	**	5	\$16,200	
<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	\$56,500	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Construction Joints</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Precast Concrete Deck</i>								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$812,800	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$697,300	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : **19-Aug-2015** Landmark Status : **NONE**
 Areas Surveyed :
 Block : Lot : BIN : **2231610**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$265,600	\$265,600
Total	\$265,600	\$265,600
Importance Code A	\$144,500	\$144,500
Importance Code B	\$121,000	\$121,000
Total	\$265,600	\$265,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$150,800		\$35,800	
Total	\$150,800		\$35,800	
Importance Code A	\$66,300		\$17,700	
Importance Code B	\$54,100		\$12,100	
Importance Code C	\$30,400		\$6,000	
Total	\$150,800		\$35,800	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			* *	
Backwall								
Concrete	80%			LIFE			* *	
Concrete	20%			LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Delaminations, Extent : Light, Area Affected : 3%</i> <i>Location : Both Sides</i> <i>Efflorescence, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Leakage, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Both Sides</i> <i>Other Observation, Extent : Light, Area Affected : 4%</i> <i>Location : Throughout</i> <i>Explanation : Vegetation Growth</i>								
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			LIFE			* *	
<i>Corrosion, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Rust Stains, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i>								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Granite Rock Pavers</i>								
Pedestals								
Concrete	100%			LIFE			* *	
Stem (breastwall)								
Concrete	100%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
GUY R. BREWER BLVD BRIDGE
Asset # : 13668

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%	4+	\$20,900	LIFE			* *	
<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>Vegetation Growth, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Pier Protection								
Concrete	100%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Barrier</i>								
Approaches								
Pavement								
Asphalt	100%			2028		4	\$3,800	* *
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Concrete	100%			2036		4	\$8,200	* *
<i>Cracks, Extent : Light, Area Affected : 6%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE				* *
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE				* *
Mat (scour & erosion)								
Earth	100%			LIFE				* *
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036				* *
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Steel	100%	4+	\$5,000	LIFE				* *
<i>Damaged Railing, 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
GUY R. BREWER BLVD BRIDGE
Asset # : 13668

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	\$3,100	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Pier,Columns								
Steel	100%			LIFE			* * 2-8	\$230,200
<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			* *	
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			LIFE			* *	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Mono Deck Surface								
Concrete	100%			2047			* * 5	\$19,400
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
Railings/Parapets								
Concrete	100%			2036			* * 4	\$5,800
<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>								
Steel	100%			LIFE			* * 2-8	\$13,000
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence</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
GUY R. BREWER BLVD BRIDGE
Asset # : 13668

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%	4+	\$6,400	2032	**	5	\$3,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$16,100	
<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	**			
Primary Member								
Steel	10%			LIFE	**	2-8	\$231,300	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random</i>								
Steel	90%			LIFE	**	2-8	\$231,300	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$198,500	
<i>Rust Stains, 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.

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$4,391,400	\$2,622,900
Total	\$4,391,400	\$2,622,900
Importance Code A	\$3,611,800	\$886,000
Importance Code B	\$337,100	\$506,000
Importance Code C	\$442,500	\$1,230,900
Total	\$4,391,400	\$2,622,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$91,800		\$135,500	\$29,700
Total	\$91,800		\$135,500	\$29,700
Importance Code A	\$61,200		\$80,700	
Importance Code B	\$10,700		\$52,400	
Importance Code C	\$19,900		\$2,400	\$29,700
Total	\$91,800		\$135,500	\$29,700



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	25%			LIFE			**	
Generic	75%	0-2	\$149,000	LIFE			**	
<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			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Brick Veneer	100%	Now	\$9,900	LIFE			**	
<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	\$98,900	LIFE			**	
<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>								
Approaches								
Pavement								
Asphalt	90%			2026	\$501,700	4	\$13,300	
Asphalt	10%	2-4	\$5,600	2026	\$55,700	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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	20%	0-2	\$3,200	LIFE	**			
<i>Broken/Missing Elements, 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	**			
Median								
Concrete	100%			LIFE	**			
Steel	100%			LIFE	**			
Railings/Parapets								
Steel	20%	4+	\$9,100	LIFE	**			
<i>Broken/Missing Elements, 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	**			
Piers								
Cap Beam								
Steel	20%	4+	\$52,500	LIFE	**	2-8	\$192,200	
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Midspan Bottom Flange And Web</i>								
Steel	80%			LIFE	**	2-8	\$192,200	
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$47,900	
Stem,Solid Pier								
Concrete	100%			LIFE	**			
<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>								
Brngs,Ancr Blts,Pads								
Steel	10%	4+	\$14,000	LIFE	**	2-8	\$23,800	
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At Pier 2 And Pier 9</i>								
Steel	90%			LIFE	**	2-8	\$23,800	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Steel	10%	4+	\$10,700	LIFE	**			
<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Pier 2 And Pier 9</i>								
Steel	90%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	20%	4+	\$34,900	LIFE	**			
<i>Broken/Missing Elements, 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	**			
Median								
Concrete	20%	Now	\$356,900	LIFE	**	5	\$13,400	
<i>Broken/Missing Elements, 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	\$13,400	
Railings/Parapets								
Steel	100%	4+	\$43,700	LIFE	**	2-8	\$28,500	
<i>Broken/Missing Elements, 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	\$44,000	2030	**	5	\$2,400	
<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	
<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
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	\$252,600	2026	\$505,100	5	\$29,700	
	<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	\$168,400	5	\$59,400	
Superstructure								
Deck, Structural								
Concrete	40%	Now	\$1,523,900	LIFE	**	5	\$56,300	
	<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	\$56,300	
Joints								
Generic	100%	0-2	\$47,000	LIFE	**			
	<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	\$1,634,800	LIFE	**	2-8	\$567,000	
	<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	\$567,000	
Secondary Member								
Steel	100%	4+	\$188,000	LIFE	**	2-8	\$791,700	
	<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : HARLEM RIVER DRIVE RAMP BRIDGE H.R.D. 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 : 20-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2267240

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$25,802,700	\$4,040,800
Total	\$25,802,700	\$4,040,800
Importance Code A	\$17,607,400	\$1,692,500
Importance Code B	\$6,910,900	\$2,092,100
Importance Code C	\$1,284,400	\$256,200
Total	\$25,802,700	\$4,040,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$224,900		\$74,300	
Total	\$224,900		\$74,300	
Importance Code A	\$182,300		\$70,900	
Importance Code B	\$26,300			
Importance Code C	\$16,300		\$3,400	
Total	\$224,900		\$74,300	



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

Maintenance \$ are aggregated over a ten-year period. Site 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.R.D. NB (RAMP)/HARLEM RIVER DR
Asset # : 2509

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	40%			LIFE				**
Generic	60%	Now	\$64,000	LIFE				**
<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.</i>								
Mat (scour & erosion)								
Generic	100%			LIFE				**
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	50%			LIFE				**
Concrete	50%	2-4	\$215,400	LIFE				**
<i>Cracks, Extent : Severe, Area Affected : 55%</i>								
<i>Location : Random Locations 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 Locations Per Biennial Inspection</i>								
<i>Spalling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random Locations Per Biennial Inspection</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE				**
Piles								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
HARLEM RIVER DRIVE RAMP BRIDGE H.R.D. NB (RAMP)/HARLEM RIVER DR
Asset # : 2509

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%	4+	\$183,600	LIFE		**		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 9 And 10 Left Curtain Wall Per Biennial Inspection Report</i>								
<i>Spalling, Extent : Light, 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 : Brick Fascia</i>								
Approaches								
Pavement								
Asphalt	80%			2028		**	4	\$6,800
Asphalt	20%	4+	\$16,300	2028		**	4	\$6,800
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	15%	4+	\$700	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Near The Joint At 49th Pier</i>								
Concrete	85%			LIFE		**		
Concrete w/ Steel Face	75%			LIFE		**		
Concrete w/ Steel Face	25%	4+	\$2,100	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Guide Railing								
Concrete	40%			2036		**	4	\$5,200
Concrete	60%	0-2	\$34,400	2036		**	4	\$5,200
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Heavily Spalled</i>								
Pavement Base								
Not Accessible	100%							
Piers								
Pier, Columns								
Concrete	35%	2-4	\$2,674,600	LIFE		**		
<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	25%	Now	\$1,910,400	LIFE		**		
<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>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Vegetation Growth</i>								
Concrete	40%			LIFE		**		

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

Maintenance \$ are aggregated over a ten-year period. Site 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.R.D. NB (RAMP)/HARLEM RIVER DR
Asset # : 2509

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	80%			LIFE			**	
Earth	20%	2-4	\$54,400	LIFE			**	
<i>Erosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Exposed Footing Area And Water Ponding Along Wall</i>								
Pedestals								
Concrete	80%			LIFE			**	
Concrete	20%	4+	\$26,300	LIFE			**	
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$164,100	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On West Side</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On West Side</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On West Side</i>								
Median								
Concrete	80%			LIFE		**	5	\$45,200
Concrete	20%	4+	\$186,100	LIFE		**	5	\$22,600
<i>Cracks, 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>								
Steel	100%			LIFE		**	4-8	\$190,000
Railings/Parapets								
Concrete	80%			2036		**	4	\$47,100
Concrete	20%	0-2	\$269,100	2036		**	4	\$47,100
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	70%			2032		**	5	\$80,400
Concrete	30%	2-4	\$422,700	2032		**	5	\$40,200
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, 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.

DEPARTMENT OF TRANSPORTATION - 841
HARLEM RIVER DRIVE RAMP BRIDGE H.R.D. NB (RAMP)/HARLEM RIVER DR
Asset # : 2509

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Asphalt	70%			2028	**	5	\$135,600	
Asphalt	30%	4+	\$88,600	2028	**	5	\$67,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rutting</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 24 Scuppers</i>								
Superstructure								
Deck, Structural								
Concrete	25%			LIFE	**	5	\$248,400	
Concrete	75%	2-4	\$4,493,500	LIFE	**	5	\$124,200	
<i>Broken, Missing Pave, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
Joints								
Generic	25%			LIFE	**			
Generic	75%	Now	\$521,700	LIFE	**			
<i>Leakage, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Most Of The Joints, Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Most Of The Joints, Throughout</i>								
<i>Explanation : Paved Over</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.R.D. NB (RAMP)/HARLEM RIVER DR
Asset # : 2509

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Concrete	60%			LIFE	**	5	\$928,900	
Concrete	40%	2-4	\$10,161,500	LIFE	**	5	\$464,500	
<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 Locations Throughout</i>								
<i>Explanation : Vegetation Growth</i>								
Steel	75%			LIFE	**	2-8	\$715,200	
Steel	25%	4+	\$1,443,400	LIFE	**	2-8	\$417,300	
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Per Biennial Inspection Report</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Concrete	80%			LIFE	**	5	\$2,092,100	
Concrete	20%	4+	\$1,000,500	LIFE	**	5	\$1,046,100	
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete Encased Steel	100%			2055	**			

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 28-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 2229289

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$397,600	\$289,900
Total	\$397,600	\$289,900
Importance Code A	\$261,600	\$102,700
Importance Code C	\$136,100	\$187,200
Total	\$397,600	\$289,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$6,500		\$42,600	
Total	\$6,500		\$42,600	
Importance Code A	\$6,500		\$42,600	
Total	\$6,500		\$42,600	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
	<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%							
	<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								
Not Accessible	100%							
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Joint with Deck								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Not Accessible	100%							
<hr/>								
Pedestals								
Not Accessible	100%							
<hr/>								
Stem (breastwall)								
Not Accessible	100%							
<hr/>								
Walls								
Not Accessible	100%							
<hr/>								
Feature Crossed								
Bank Protection								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Not Accessible	100%							
<hr/>								
Pier Protection								
Not Accessible	100%							
<hr/>								
Piers								
Cap Beam								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>							
<hr/>								
Pier,Columns								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>							
<hr/>								
Stem,Solid Pier								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Spans Over Railroad Tracks Were 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
HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST
Asset # : 2444

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>						
Piles								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>						
Deck Elements								
Median								
Concrete	90%			LIFE	**	5	\$102,700	
Concrete	10%	4+	\$42,700	LIFE	**	5	\$51,300	
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Railings/Parapets								
Concrete	80%			2036	**	4	\$84,400	
Concrete	20%	4+	\$167,600	2036	**	4	\$84,400	
		<i>Cracks, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Steel	100%			LIFE	**	2-8	\$16,900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Chain Link Fence</i>						
Wearing Surface								
Asphalt	90%			2028	**	5	\$187,200	
Asphalt	10%	4+	\$42,500	2028	**	5	\$93,600	
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
Scupper								
Cast Iron	100%			LIFE	**			
Superstructure								
Deck,Structural								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Spans Over Railroad Tracks Were 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
HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST
Asset # : 2444

Bridge Structure	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>						
Primary Member								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>						
Secondary Member								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Spans Over Railroad Tracks Were 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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$9,250,400	\$6,056,100
Total	\$9,250,400	\$6,056,100
Importance Code A	\$8,330,500	\$3,503,400
Importance Code B	\$618,700	\$1,685,000
Importance Code C	\$301,200	\$867,700
Total	\$9,250,400	\$6,056,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$35,800		\$505,400	\$1,400
Total	\$35,800		\$505,400	\$1,400
Importance Code A			\$336,400	\$1,400
Importance Code B			\$169,000	
Importance Code C	\$35,800			
Total	\$35,800		\$505,400	\$1,400



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			* *	
Backwall								
Concrete	100%	4+	\$18,000	LIFE			* *	
			<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			* *	
			<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%							
Joint with Deck								
Generic	100%	0-2	\$80,000	LIFE			* *	
			<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			* *	
Pedestals								
Concrete	100%			LIFE			* *	
Stem (breastwall)								
Concrete	100%	4+	\$85,800	LIFE			* *	
			<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%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	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.

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%	4+	\$52,200	LIFE		**		
<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+	\$10,800	2025	\$541,000	4	\$9,800	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Both Approaches</i>								
Concrete	100%	4+	\$7,000	2033	**	4	\$15,700	
<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	**			
Guide Railing								
Concrete	100%			2033	**	4	\$2,900	
<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	
<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	**			
Piers								
Cap Beam								
Steel	100%	4+	\$321,300	LIFE	**	2-8	\$1,336,400	
<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	
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$8,700	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			

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

Maintenance \$ are aggregated over a ten-year period. Site 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
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	
Railings/Parapets								
Concrete	100%	4+	\$95,700	2033	**	4	\$54,800	
<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+	\$173,100	2033	**	5	\$326,700	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : South Abutment West Side</i>								
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$4,632,200	LIFE	**	5	\$154,100	
<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+	\$75,900	LIFE	**			
<i>Broken/Missing Elements, 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+	\$3,281,400	LIFE	**	2-8	\$2,588,100	
<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	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure Secondary Member Steel	100%	4+	\$452,900	LIFE	**	2-8	\$2,168,100	
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$138,700	\$436,000
Total	\$138,700	\$436,000
Importance Code A	\$95,500	\$132,600
Importance Code C	\$43,300	\$303,400
Total	\$138,700	\$436,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$85,700	\$1,400	\$400	
Total	\$85,700	\$1,400	\$400	
Importance Code A	\$50,200		\$400	
Importance Code B	\$8,400			
Importance Code C	\$27,000	\$1,400		
Total	\$85,700	\$1,400	\$400	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : No Access To Tracks</i>						
Backwall								
Not Accessible	100%							
		<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%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : No Access To Tracks</i>						
Footings								
Not Accessible	100%							
		<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+	\$8,400	LIFE				**
		<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Begin Approach</i>						
Mat (scour & erosion)								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : No Access To Tracks</i>						
Pedestals								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : No Access To Tracks</i>						
Stem (breastwall)								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : No Access To Tracks</i>						
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	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.

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	2-4	\$15,200	2025	\$303,400	4	\$4,800	
			<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	\$43,300	2033	**	4	\$33,900	
			<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	**			
Embankment								
Generic	100%			LIFE	**			
Guide Railing								
Concrete	100%	4+	\$1,700	2033	**	4	\$1,700	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both Approaches</i>					
Steel	100%	4+	\$6,100	LIFE	**	2-8	\$5,800	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Begin Approach</i>					
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piers								
Cap Beam								
Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location :</i>					
			<i>Explanation : No Access To Tracks</i>					
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location :</i>					
			<i>Explanation : No Access To Tracks</i>					
Footings								
Not Accessible	100%							
			<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion) Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							
Pedestals								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	5%	4+	\$57,600	2044				**
	<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				**
Gratings								
Steel	100%			LIFE				**
	<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+	\$37,800	2037				**
	<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+	\$11,700	LIFE		**	2-8	\$7,600
	<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+	\$8,000	LIFE		**	5	\$2,100
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : East Side, Spans 1 Through 6</i>							
	<i>Explanation : Missing/ Loose Mortar In Joints</i>							
Sidewalks								
Concrete	100%			2029		**	5	\$2,700
Scupper								
Ductile Iron	100%			LIFE		**		
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural Concrete	10%	4+	\$22,700	LIFE	**	5	\$66,300	
	<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	
Joints								
Generic	100%	4+	\$11,900	LIFE	**			
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
Primary Member								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							
Secondary Member								
Not Accessible	100%							
	<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
HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE

Asset # : 13597

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
		<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			* *	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Stem (breastwall)								
Concrete	20%	4+	\$21,800	LIFE			* *	
		<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			* *	
Walls								
Concrete	100%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	100%	2-4	\$50,600	2026	\$252,800	4	\$6,700	
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
Concrete	100%	4+	\$1,800	2034		* *	4	\$6,000
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
Sidewalks								
Concrete	100%	4+	\$7,100	LIFE			* *	
		<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Mono Deck Surface								
Concrete	100%	4+	\$5,600	2051	**	5	\$16,900	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2038	**	4	\$1,400	
<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	\$1,300	
<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	
Superstructure								
Deck, Structural								
Concrete	80%			LIFE	**	5	\$12,400	
Concrete	20%			LIFE	**	5	\$12,400	
<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	\$13,400	LIFE	**			
<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+	\$145,400	LIFE	**			
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure		\$372,000
Total		\$372,000
Importance Code A		\$135,600
Importance Code B		\$135,600
Importance Code C		\$100,800
Total		\$372,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$73,000		\$27,400	\$6,500
Total	\$73,000		\$27,400	\$6,500
Importance Code A	\$4,200		\$13,800	
Importance Code B			\$13,600	
Importance Code C	\$68,800			\$6,500
Total	\$73,000		\$27,400	\$6,500



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

Maintenance \$ are aggregated over a ten-year period. Site 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
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%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
			<i>Loose Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	10%	4+	\$22,700	LIFE			* *	
			<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			* *	
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
HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK
Asset # : 13717

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	80%			2025	\$80,600	4	\$2,700	
Asphalt	20%	4+	\$6,000	2025	\$20,200	4	\$2,700	
<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	\$10,300	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
Concrete	20%	2-4	\$12,600	2033	**	4	\$10,300	
<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	**			
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8	\$2,300	
<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	**			
Sidewalks								
Concrete	100%	4+	\$13,400	LIFE	**			
<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	**			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Mono Deck Surface								
Concrete	100%	4+	\$3,700	2044	**	5	\$28,100	
<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
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		
<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+	\$4,200	LIFE	**	2-8	\$4,600	
<i>Damaged Railing, Extent : Light, Area Affected : 1%</i>								
<i>Location : South Parapet</i>								
Sidewalks								
Concrete	100%	4+	\$10,400	2029	**	5	\$2,900	
<i>Broken/Missing Elements, 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	
Primary Member								
Steel	100%			LIFE	**	2-8	\$253,300	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$212,200	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$290,500	\$2,182,800
Total	\$290,500	\$2,182,800
Importance Code A	\$252,200	\$305,700
Importance Code C	\$38,400	\$1,877,000
Total	\$290,500	\$2,182,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$129,300		\$33,600	
Total	\$129,300		\$33,600	
Importance Code A	\$34,000		\$32,200	
Importance Code C	\$95,300		\$1,300	
Total	\$129,300		\$33,600	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	4%	4+	\$31,000	LIFE	**			
<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	**			
Approaches								
Pavement								
Asphalt	100%			2026	\$1,838,600	4	\$38,000	
Concrete	100%			2034	**	4	\$76,500	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	100%	4+	\$12,500	LIFE	**	2-8	\$51,300	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Railings/Parapets								
Masonry	60%	4+	\$8,500	2034			* *	
			<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			* *	
Sidewalks								
Concrete	30%	4+	\$26,200	LIFE			* *	
			<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			* *	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
			<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			* *	
			<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	\$1,800	
Railings/Parapets								
Concrete	100%			2034		4	\$3,600	
			<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+	\$11,800	LIFE		2-8	\$6,700	
			<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
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	
<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	
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$17,000	
<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	\$285,500	
Steel	10%	4+	\$252,200	LIFE	**	2-8	\$285,500	
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure		\$555,400
Total		\$555,400
Importance Code A		\$118,800
Importance Code B		\$118,800
Importance Code C		\$317,800
Total		\$555,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$51,000		\$24,200	
Total	\$51,000		\$24,200	
Importance Code A	\$10,400		\$12,300	
Importance Code B			\$11,900	
Importance Code C	\$40,600			
Total	\$51,000		\$24,200	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location :</i>					
			<i>Explanation : No Access To The Tracks</i>					
Walls								
Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location :</i>					
			<i>Explanation : No Access To The Tracks</i>					
Approaches								
Pavement								
Asphalt	100%	4+	\$15,900	2025	\$317,800	4	\$6,700	
			<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+	\$9,900	2033		* *	\$25,700	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both Approaches</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
			<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	100%	4+	\$2,300	LIFE	**	2-8	\$5,800	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
Deck Elements								
Guide Railing								
Concrete	100%			2037	**			
Median								
Concrete	100%			LIFE	**	5	\$2,800	
Mono Deck Surface								
Concrete	100%	4+	\$5,600	2044	**	5	\$33,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Railings/Parapets								
Concrete	100%	4+	\$8,100	2033	**	4	\$5,400	
<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	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Scattered Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$9,300	2029	**	5	\$5,000	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$221,800	
<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	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 09-Sep-2015 Landmark Status : NONE
 Areas Surveyed :
 Block : Lot : BIN : 2243569

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$4,756,500	\$3,704,000
Total	\$4,756,500	\$3,704,000
Importance Code A	\$2,705,800	\$1,635,300
Importance Code B	\$1,531,500	\$1,425,700
Importance Code C	\$519,200	\$643,000
Total	\$4,756,500	\$3,704,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$758,400		\$283,600	
Total	\$758,400		\$283,600	
Importance Code A	\$446,300		\$134,200	
Importance Code B	\$280,400		\$143,000	
Importance Code C	\$31,700		\$6,400	
Total	\$758,400		\$283,600	



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

Maintenance \$ are aggregated over a ten-year period. Site 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	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	2-4	\$103,300	LIFE			* *	
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : At Both Abutments</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%	4+	\$2,600	LIFE			* *	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Has Brownstone/ Sandstone Facade</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	50%			2028			* *	\$12,900
Asphalt	50%	4+	\$121,400	2028			* *	\$12,900
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</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
LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE
Asset # : 2490

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE	**			
Concrete w/ Steel Face	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Pier, Columns								
Concrete	100%			LIFE	**			
Steel	95%			LIFE	**	2-8	\$207,400	
		<i>Other Observation, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Peeling Paint And Minor Pitting</i>						
Steel	5%	4+	\$46,500	LIFE	**	2-8	\$126,500	
		<i>Corrosion, Extent : Moderate, Area Affected : 60%</i>						
		<i>Location : Random Locations Throughout</i>						
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : At Base Of Columns</i>						
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%	4+	\$474,600	LIFE	**	5	\$18,900	
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Railings/Parapets								
Concrete	100%	4+	\$692,200	2036	**	4	\$69,700	
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
Wearing Surface								
Concrete	15%	4+	\$29,000	2036	**	5	\$321,500	
		<i>Spalling, Extent : Light, Area Affected : 10%</i>						
		<i>Location : West End</i>						
Concrete	85%			2036	**	5	\$643,000	
Scupper								
Cast Iron	100%			LIFE	**			
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
LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE
Asset # : 2490

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural								
Concrete	93%			LIFE	**	5	\$297,500	
Concrete	7%	4+	\$52,400	LIFE	**	5	\$148,800	
<i>Cracks, Extent : Light, Area Affected : 50%</i>								
<i>Location : Cracks With Efflorescence</i>								
Joints								
Generic	100%	4+	\$76,200	LIFE	**			
<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	\$4,282,800	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Joints Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : In Masonry Joints</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Minor Pitting And Peeling Paint</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$3,674,500	
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 02-Sep-2015 Landmark Status : NONE
 Areas Surveyed :
 Block : Lot : BIN : 2247640

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$225,800	
Total	\$225,800	
Importance Code C	\$225,800	
Total	\$225,800	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$57,100		\$1,100	
Total	\$57,100		\$1,100	
Importance Code A	\$50,700		\$1,100	
Importance Code C	\$6,400			
Total	\$57,100		\$1,100	



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.

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
			<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 Locations Throughout</i>					
Mat (scour & erosion)								
Riprap	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	100%	4+	\$41,700	2028			* * 4	\$9,600
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	100%	4+	\$108,300	2036			* * 4	\$36,700
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,600	LIFE			* *	
			<i>Corrosion, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : Throughout</i>					
Embankment								
Not Accessible	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.

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	100%			2036	**	4		
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 80%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Peeling Paint</i>						
Steel	100%			LIFE	**	2-8	\$15,800	
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**			
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$5,200	LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Vegetation Growth, Extent : Severe, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$26,200	LIFE	**			
		<i>Corrosion, Extent : Severe, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
Mono Deck Surface								
Concrete	80%			2047	**	5	\$4,800	
Concrete	20%	4+	\$1,200	2047	**	5	\$2,400	
		<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets								
Concrete	100%			2036	**	4		
		Cracks, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Other Observation, Extent : Moderate, Area Affected : 80%						
		Location : Throughout						
		Explanation : Peeling Paint And Graffiti						
Steel	100%			LIFE	**	2-8	\$36,400	
Sidewalks								
Concrete	100%	4+	\$75,900	2032	**	5	\$10,800	
		Cracks, Extent : Light, Area Affected : 5%						
		Location : Random Locations Throughout						
		Cracking/Crumbling, Extent : Moderate, Area Affected : 20%						
		Location : At Interface With Curb						
Scupper								
Cast Iron	100%			LIFE	**			
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	**			
		Leakage, Extent : Light, Area Affected : 10%						
		Location : Both Abutments						
		Misaligned/Bulging, Extent : Light, Area Affected : 10%						
		Location : Random Locations Throughout						
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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.

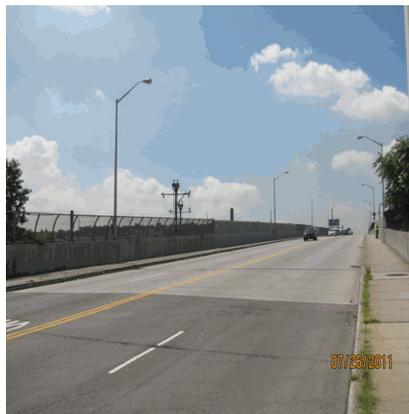
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 02-Sep-2015 Landmark Status : NONE
 Areas Surveyed :
 Block : Lot : BIN : 2247330

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$665,100	\$677,500
Total	\$665,100	\$677,500
Importance Code A	\$102,200	\$22,300
Importance Code C	\$562,900	\$655,200
Total	\$665,100	\$677,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$35,800		\$14,500	
Total	\$35,800		\$14,500	
Importance Code A	\$35,800		\$14,500	
Importance Code C				
Total	\$35,800		\$14,500	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
			<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 Locations Throughout</i>					
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Riprap	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$139,300	2028		* *	4	\$19,200
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Joint At South Abutment</i>					
Concrete	100%	4+	\$91,000	2036		* *	4	\$30,800
			<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
LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS
Asset # : 2497

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$3,700	LIFE		**		
<i>Corrosion, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2036		**	4	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Peeling Paint</i>								
Steel	100%			LIFE		**	2-8	\$31,600
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Riprap	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036		**		
Steel	100%			LIFE		**		
Sidewalks								
Concrete	100%	4+	\$74,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
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
LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS

Asset # : 2497

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$79,900	LIFE		**		
<i>Corrosion, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<hr/>								
Mono Deck Surface								
Concrete	20%	4+	\$55,500	2047		**	5	\$218,400
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Transverse Cracks</i>								
Concrete	80%			2047		**	5	\$436,800
<hr/>								
Railings/Parapets								
Concrete	100%			2036		**	4	\$23,100
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE		**	2-8	\$110,700
<hr/>								
Sidewalks								
Concrete	100%	4+	\$202,600	2032		**	5	\$28,800
<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>								
<hr/>								
Scupper								
Cast Iron	100%			LIFE		**		
<hr/>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
<hr/>								
Joints								
Generic	100%			LIFE		**		
<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 Locations Throughout</i>								
<hr/>								
Primary Member								
Not Accessible	100%							
<hr/>								
Secondary Member								
Not Accessible	100%							
<hr/>								

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$89,200	\$1,074,600
Total	\$89,200	\$1,074,600
Importance Code A		\$22,000
Importance Code C	\$89,200	\$1,052,700
Total	\$89,200	\$1,074,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$21,100		\$2,400	
Total	\$21,100		\$2,400	
Importance Code A			\$2,400	
Importance Code C	\$21,100			
Total	\$21,100		\$2,400	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$21,100	2026	\$1,052,700	4	\$16,300	
			<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			* *	
Embankment								
Earth	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Sidewalks								
Concrete	100%			LIFE			* *	
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK, LIRR YARD
Asset # : 2496

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
Railings/Parapets								
Steel	100%			LIFE		2-8	\$66,900	
Sidewalks								
Concrete	100%	4+	\$89,200	2030		5	\$31,700	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Concrete	100%			2034		5		
Scupper								
Cast Iron	100%			LIFE			* *	
			<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%							
Joints								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK AND 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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$272,200	\$585,100
Total	\$272,200	\$585,100
Importance Code A	\$132,900	
Importance Code C	\$139,300	\$585,100
Total	\$272,200	\$585,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$29,300		\$22,800	
Total	\$29,300		\$22,800	
Importance Code A			\$1,600	
Importance Code C	\$29,300		\$21,200	
Total	\$29,300		\$22,800	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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 AND LIRR YARD
Asset # : 2495

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$29,300	2026	\$585,100	4	\$8,100	
			<i>Cracks, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
Concrete	100%			2034			* *	4
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
Embankment								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Railings/Parapets								
Timber	100%			LIFE			* *	
Sidewalks								
Concrete	100%			LIFE			* *	
			<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 AND LIRR YARD
Asset # : 2495

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Pedestals								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	100%	4+	\$132,900	2038			**	
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE			**	
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$45,000
Sidewalks								
Concrete	100%			2030		**	5	\$42,400
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Concrete	100%			2034		**	5	
Scupper								
Cast Iron	100%	2-4	\$139,300	LIFE		**		
			<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%							
Joints								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$303,400	\$592,100
Total	\$303,400	\$592,100
Importance Code A	\$36,800	
Importance Code C	\$266,600	\$592,100
Total	\$303,400	\$592,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$32,400	\$14,700	\$16,300	
Total	\$32,400	\$14,700	\$16,300	
Importance Code A	\$20,600		\$1,100	
Importance Code C	\$11,800	\$14,700	\$15,100	
Total	\$32,400	\$14,700	\$16,300	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
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%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$11,800	2026	\$592,100	4	\$63,700	
			<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+	\$143,900	2034		4	\$243,900	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations</i>					
Curbs								
Concrete w/ Steel Face	100%	4+	\$36,800	LIFE			* *	
			<i>Rust Stains, Extent : Moderate, Area Affected : 70%</i>					
			<i>Location : Throughout</i>					
Embankment								
Earth	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Concrete	100%	4+	\$8,900	2034			* *	
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Steel	100%			LIFE			* *	
Sidewalks								
Concrete	100%	4+	\$122,700	LIFE			* *	
	<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%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
	<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			* *	
	<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
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	\$35,100	
Steel	100%			LIFE	**	2-8	\$32,200	
<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	
Wearing Surface								
Concrete	100%			2034	**	5	\$29,500	
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$526,000	\$567,800
Total	\$526,000	\$567,800
Importance Code A	\$263,800	\$250,300
Importance Code B	\$183,500	\$250,300
Importance Code C	\$78,700	\$67,200
Total	\$526,000	\$567,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$40,100		\$50,200	
Total	\$40,100		\$50,200	
Importance Code A			\$25,100	
Importance Code B	\$12,900		\$25,100	
Importance Code C	\$27,200			
Total	\$40,100		\$50,200	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE			* *	
Backwall Concrete	100%	4+	\$5,500	LIFE			* *	
			<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			* *	
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Footings								
Not Accessible	100%							
Joint with Deck Generic	100%			LIFE			* *	
Pedestals Concrete	100%			LIFE			* *	
Stem (breastwall) Concrete	100%	4+	\$12,900	LIFE			* *	
			<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%							
Walls Concrete	100%	4+	\$37,900	LIFE			* *	
			<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+	\$21,700	2034			* * 4	\$38,500
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Embankment Earth	100%			LIFE			* *	
Mat (scour & erosion) Earth	100%			LIFE			* *	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Concrete	100%			2034		**		
Piers								
Stem,Solid Pier Concrete	100%	4+	\$183,500	LIFE		**		
<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		**		
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Footings								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Mono Deck Surface Concrete	100%	4+	\$40,800	2045		**	5	\$67,200
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Railings/Parapets Concrete	100%			2034		**	4	
<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+	\$263,800	LIFE		**	5	\$27,800
<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%							
Primary Member								
Steel	100%			LIFE		**	2-8	\$467,500
Secondary Member								
Steel	100%			LIFE		**	2-8	\$391,600

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure		\$515,400
Total		\$515,400
Importance Code C		\$515,400
Total		\$515,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$102,100		\$200	
Total	\$102,100		\$200	
Importance Code A	\$4,600		\$200	
Importance Code B	\$14,700			
Importance Code C	\$82,700			
Total	\$102,100		\$200	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$14,700	LIFE				* *
			<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				* *
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE				* *
Piles								
Not Accessible	100%							
Walls								
Concrete	10%	4+	\$21,800	LIFE				* *
			<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				* *

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$25,800	2025	\$515,400	4	\$10,900	
<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+	\$16,000	2033	* *	4	\$41,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Abutments</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
<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%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
<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
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+	\$11,900	2044	**	5	\$28,700	
<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+	\$4,600	2033	**	4	\$3,100	
<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	
Sidewalks								
Concrete	100%	4+	\$7,200	2029	**	5	\$3,900	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	**			
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$39,300	\$1,107,000
Total	\$39,300	\$1,107,000
Importance Code A		\$276,100
Importance Code B		\$276,100
Importance Code C	\$39,300	\$554,700
Total	\$39,300	\$1,107,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$64,700	\$16,200	\$56,000	\$4,000
Total	\$64,700	\$16,200	\$56,000	\$4,000
Importance Code A	\$9,400		\$28,300	
Importance Code B	\$8,100		\$27,700	
Importance Code C	\$47,200	\$16,200		\$4,000
Total	\$64,700	\$16,200	\$56,000	\$4,000



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	50%			LIFE			* *	
Generic	50%	Now	\$8,100	LIFE			* *	
<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%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	80%			2025	\$404,700	4	\$8,100	
Asphalt	20%	4+	\$10,100	2025	\$101,200	4	\$8,100	
<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+	\$39,300	2033		* *	4	\$30,800
<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>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,800	LIFE			* *	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Not Accessible	100%							
Guide Railing								
Steel	75%			LIFE	**	2-8	\$2,900	
Steel	25%	2-4	\$4,600	LIFE	**	2-8	\$2,900	
<i>Damaged Railing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Approach North Side</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$4,000	LIFE	**			
<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%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$11,900	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Concrete	100%			2029	**	5	\$32,400	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
Wearing Surface								
Concrete	100%	4+	\$29,400	2033	**	5	\$48,900	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%	2-4	\$3,600	LIFE			* *	
			<i>Broken/Missing Elements, 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
			<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
			<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 08-Sep-2015 Landmark Status : NONE
 Areas Surveyed :
 Block : Lot : BIN : 2241890

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$2,879,000	\$1,799,200
Total	\$2,879,000	\$1,799,200
Importance Code A	\$1,063,400	\$794,800
Importance Code B	\$1,241,100	\$899,700
Importance Code C	\$574,400	\$104,700
Total	\$2,879,000	\$1,799,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$817,300		\$166,000	
Total	\$817,300		\$166,000	
Importance Code A	\$336,200		\$75,800	
Importance Code B	\$433,100		\$90,200	
Importance Code C	\$47,900			
Total	\$817,300		\$166,000	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$7,000	LIFE			* *	
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Abutment</i>								
Backwall Concrete	100%			LIFE			* *	
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$41,300	LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Damaged Joint Membrane</i>								
Mat (scour & erosion) Generic	100%			LIFE			* *	
Pedestals Concrete	100%			LIFE			* *	
Stem (breastwall) Concrete	100%	4+	\$300,100	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Abutment</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Abutment</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE			* *	
Piles Not Accessible	100%							
Walls Concrete	100%	4+	\$381,500	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Abutment</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Abutment</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Abutment</i>								
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE			* *	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Feature Crossed								
Pier Protection								
Concrete	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : At Piers</i>							
	<i>Explanation : Concrete Crash Wall</i>							
Approaches								
Pavement								
Asphalt	100%	4+	\$17,500	2028	**	4	\$5,100	
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
Concrete	100%	4+	\$27,300	2036	**	4	\$18,500	
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
	<i>Corrosion, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Random Locations Throughout</i>							
Embankment								
Generic	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$3,100	LIFE	**			
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$968,500	
Pier,Columns								
Concrete	100%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$1,933,400	
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
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
METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR
Asset # : 2483

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Steel Facing</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$68,900	
Sidewalks								
Concrete	100%	4+	\$84,100	2032	**	5	\$11,900	
<i>Cracks, Extent : Light, Area Affected : 8%</i>								
<i>Location : Light Random Map Cracking</i>								
Wearing Surface								
Concrete	100%	4+	\$72,900	2036	**	5	\$104,700	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$323,100	LIFE	**	5	\$54,500	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Construction Joint At Center Bay</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Light Random Cracks With Efflorescence</i>								
Joints								
Generic	100%	4+	\$36,000	LIFE	**			
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Numerous Joint Fillers Are Bulging And Failed</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,568,500	
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,345,700	
<i>Corrosion, Extent : Light, Area Affected : 1%</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 24-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2257569

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$10,415,100	\$8,705,300
Total	\$10,415,100	\$8,705,300
Importance Code A	\$6,949,600	\$5,671,500
Importance Code B	\$3,033,800	\$3,033,800
Importance Code C	\$431,600	
Total	\$10,415,100	\$8,705,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$1,752,100		\$886,500	
Total	\$1,752,100		\$886,500	
Importance Code A	\$860,200		\$564,000	
Importance Code B	\$891,800		\$304,300	
Importance Code C			\$18,200	
Total	\$1,752,100		\$886,500	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2036	**	4	\$36,500	
Piers								
Pier,Columns								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Along Column Faces And Throughout</i> <i>Rust Stains, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>						
Steel	100%			LIFE	**	2-8	\$2,437,800	
		<i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Rust Stains, Extent : Light, Area Affected : 5%</i> <i>Location : Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Vegetation Growth</i>						
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$142,400	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$80,900	
Railings/Parapets								
Concrete	100%			2036	**	4	\$110,900	
Wearing Surface								
Concrete	100%			2036	**	5		
Scupper								
Cast Iron	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Deck</i> <i>Explanation : 204 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
MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN

Asset # : 4177

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural								
Concrete	98%			LIFE	**	5	\$559,800	
Concrete	2%			LIFE	**	5	\$559,800	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Corrosion To Stay - In - Place Forms In Several Random Bays</i>								
<hr/>								
Joints								
Generic	100%	4+	\$431,600	LIFE	**			
<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</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Inner Faces Of Fascia Girders Below Deck Joints</i>								
<hr/>								
Primary Member								
Steel	14%	4+	\$3,795,400	LIFE	**	2-8	\$4,701,600	
<i>Corrosion, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Girders, Floor Beams, Web And Flanges At Deck Joints And Drainage Pipes</i>								
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout Superstructure Steel</i>								
<i>Explanation : Fading Paint Color, Rust Flakes To Light Rusting. Paint System Is Failing</i>								
Steel	86%			LIFE	**	2-8	\$8,058,500	
<hr/>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$6,913,900	

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.

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$54,500	\$1,779,800
Total	\$54,500	\$1,779,800
Importance Code A	\$54,500	\$1,273,600
Importance Code B		\$506,300
Total	\$54,500	\$1,779,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$51,900		\$169,700	\$4,500
Total	\$51,900		\$169,700	\$4,500
Importance Code A	\$31,200		\$117,500	
Importance Code B	\$12,600		\$52,300	
Importance Code C	\$8,100			\$4,500
Total	\$51,900		\$169,700	\$4,500



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			* *	
Backwall								
Concrete	95%			LIFE			* *	
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Both Fascias</i>							
	<i>Explanation : Brick Facing 5 Feet Wide</i>							
Concrete	5%	4+	\$8,100	LIFE			* *	
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At North Abutment</i>							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE			* *	
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Begin Abutment</i>							
	<i>Explanation : Stone Pavers</i>							
Pedestals								
Concrete	100%			LIFE			* *	
	<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+	\$12,600	LIFE			* *	
	<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			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
	<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2029	**	4	\$9,000	
Concrete	100%			2038	**	4		
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**			
Railings/Parapets								
Concrete	100%			2038	**			
Steel	100%			LIFE	**			
Piers								
Cap Beam								
Steel	95%			LIFE	**	2-8	\$171,600	
Steel	5%	4+	\$2,300	LIFE	**	2-8	\$171,600	
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Pier 5</i>								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$42,700	
Brngs,Ancr Blts,Pads								
Generic	100%			LIFE	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt, Pavers And Concrete</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$5,100	
Mono Deck Surface								
Concrete	100%			2051	**	5		
Railings/Parapets								
Concrete	100%			2038	**	4		
Steel	100%			LIFE	**	2-8	\$29,000	
Scupper								
Cast Iron	100%			LIFE	**			
<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
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	\$56,300	
	<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+	\$28,900	LIFE	**	5	\$56,300	
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Overhangs At Both Fascias And Along Construction Joints</i>							
Joints								
Generic	100%			LIFE	**			
	<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	\$945,600	
Steel	1%	4+	\$54,500	LIFE	**	2-8	\$945,600	
	<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : At Ends Of Beams At Piers</i>							
Secondary Member								
Steel	100%			LIFE	**	2-8	\$792,100	

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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,247,200	\$2,168,600
Total	\$1,247,200	\$2,168,600
Importance Code A	\$785,800	\$1,618,800
Importance Code B	\$335,400	
Importance Code C	\$126,100	\$549,900
Total	\$1,247,200	\$2,168,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$110,700		\$1,200	
Total	\$110,700		\$1,200	
Importance Code A			\$1,200	
Importance Code B	\$21,500			
Importance Code C	\$89,200			
Total	\$110,700		\$1,200	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Stem (breastwall)								
Concrete	1%	4+	\$21,500	LIFE			**	
			<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			**	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	15%	4+	\$29,300	LIFE			**	
			<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			**	
Feature Crossed								
Bank Protection								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Approaches								
Pavement								
Asphalt	100%	4+	\$21,500	2025	\$430,700	4	\$9,800	
			<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+	\$14,000	2033			**	\$39,000
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : West Approach</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE		**		
Guide Railing								
Steel	100%			LIFE		**	2-8	\$5,700
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : East Approach North Side</i>					
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Sidewalks								
Concrete	100%	4+	\$4,500	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations</i>					
Piers								
Stem,Solid Pier								
Concrete	2%	4+	\$335,400	LIFE		**		
			<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		**		
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$28,900
			<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+	\$19,800	2029		**	5	\$11,600
			<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
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+	\$126,100	2033	**	5	\$119,200	
	<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+	\$785,800	LIFE	**	5	\$809,400	
	<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	

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

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

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

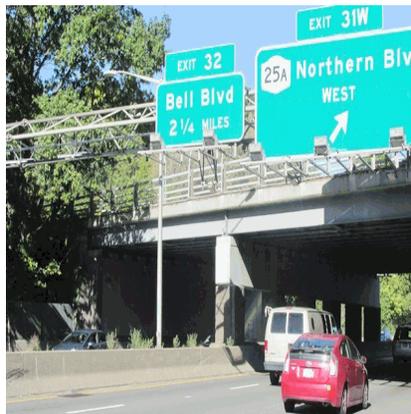
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$534,900	\$651,600
Total	\$534,900	\$651,600
Importance Code A		\$88,600
Importance Code B	\$205,700	\$88,600
Importance Code C	\$329,200	\$474,400
Total	\$534,900	\$651,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$34,000	\$200	\$18,100	
Total	\$34,000	\$200	\$18,100	
Importance Code A	\$14,200		\$9,200	
Importance Code B			\$8,900	
Importance Code C	\$19,800	\$200		
Total	\$34,000	\$200	\$18,100	



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.

DEPARTMENT OF TRANSPORTATION - 841
NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND
Asset # : 13711

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
Backwall Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads Elastomeric	100%			2044		**		
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
Pedestals Concrete	100%			LIFE		**		
Stem (breastwall) Concrete	50%	4+	\$171,400	LIFE		**		
	<i>Cracks, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Begin Abutment</i>							
Concrete	50%	4+	\$34,300	LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 20%</i>							
	<i>Location : End Abutment</i>							
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	100%	4+	\$329,200	LIFE		**		
	<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+	\$9,500	2025	\$474,400	4	\$10,800	
	<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
	<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$5,600	LIFE	**			
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	100%	4+	\$8,600	LIFE	**	2-8	\$5,800	
<i>Damaged Railing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Abutment</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$2,900	LIFE	**			
<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	**			
Pier, Columns								
Concrete	100%			LIFE	**			
<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	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Mono Deck Surface								
Concrete	100%	4+	\$5,500	2044	**	5	\$14,300	
<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
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	
<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	
Scupper								
Ductile Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$9,900	
<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	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	\$165,500	
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$138,600	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 14-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2246540

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$4,168,700	\$276,300
Total	\$4,168,700	\$276,300
Importance Code A	\$3,246,400	\$227,700
Importance Code C	\$922,300	\$48,600
Total	\$4,168,700	\$276,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$101,400		\$19,700	
Total	\$101,400		\$19,700	
Importance Code A	\$63,600		\$4,200	
Importance Code C	\$37,900		\$15,400	
Total	\$101,400		\$19,700	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$427,400	LIFE	**			
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Granite	65%	4+	\$494,900	LIFE	**			
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South End</i>								
Granite	35%			LIFE	**			
<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%			2028	**	4	\$30,900	
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	100%			LIFE	**			
Concrete w/ Steel Face	100%			LIFE	**			
Granite	100%			LIFE	**			
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Guide Railing								
Steel	100%			LIFE	**	2-8	\$129,600	
Pavement Base								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL

Asset # : 2512

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	95%			LIFE				**
Concrete	5%	4+	\$3,000	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE				**
Granite	95%			LIFE				**
Granite	5%	4+	\$17,000	LIFE				**
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
Gratings								
Steel	100%			LIFE				**
Railings/Parapets								
Granite	100%			LIFE				**
Steel	100%			LIFE		2-8	\$96,500	**
Sidewalks								
Concrete	100%			2032		5	\$9,800	**
Granite Paver	100%			LIFE				**
<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%			2028		5	\$48,600	**
Asphalt	10%	4+	\$10,600	2028		5	\$24,300	**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Intersections</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$3,058,500	LIFE		5	\$39,800	**
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</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 Is 5 Percent Corrosion On The Steel Corrugate.</i>								
Primary Member								
Concrete	100%			LIFE		5	\$298,000	**
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$102,600	
Total	\$102,600	
Importance Code A	\$59,200	
Importance Code C	\$43,300	
Total	\$102,600	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$51,800		\$8,700	
Total	\$51,800		\$8,700	
Importance Code A	\$45,000		\$2,800	
Importance Code B			\$2,200	
Importance Code C	\$6,800		\$3,700	
Total	\$51,800		\$8,700	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%	4+	\$6,500	LIFE	**			
			<i>Corrosion, Extent : Light, Area Affected : 15%</i>					
			<i>Location : East Side Bearing</i>					
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	90%			LIFE	**			
Concrete	10%	4+	\$4,400	LIFE	**			
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : East Side Pedestal</i>					
Stem (breastwall)								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
			<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	\$2,700	
Curbs								
Granite	100%	4+	\$1,200	LIFE	**			
			<i>Broken/Missing Elements, 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	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Steel	100%	4+	\$1,300	LIFE			* *	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Parapet Base</i>								
Piers								
Cap Beam								
Steel	100%			LIFE			* * 2-8	\$8,200
Pier,Columns								
Steel	100%			LIFE			* * 2-8	\$11,400
Stem,Solid Pier								
Brick Veneer	100%			LIFE			* *	
Concrete	100%			LIFE			* *	
<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	\$1,400
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Concrete	100%			LIFE			* *	
<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			* *	
Concrete	10%	0-2	\$22,100	2045			* *	
<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
Concrete	30%	4+	\$5,900	2045			* * 5	\$3,700
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Steel	90%	4+	\$4,500	LIFE	**	2-8	\$8,500	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Base Of Parapet</i>								
Steel	10%	0-2	\$5,000	LIFE	**	2-8	\$8,500	
<i>Broken/Missing Elements, 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>								
<hr/>								
Scupper								
Cast Iron	100%	2-4	\$43,300	LIFE	**			
<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>								
<hr/>								
Superstructure								
Deck,Structural								
Concrete	70%			LIFE	**	5	\$2,000	
Concrete	30%	4+	\$59,200	LIFE	**	5	\$2,000	
<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>								
<hr/>								
Joints								
Generic	100%			LIFE	**			
<hr/>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$33,300	
<hr/>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$27,900	
<hr/>								

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$58,000		\$9,100	
Total	\$58,000		\$9,100	
Importance Code A	\$33,900		\$2,700	
Importance Code B	\$17,400		\$2,700	
Importance Code C	\$6,700		\$3,700	
Total	\$58,000		\$9,100	



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.

DEPARTMENT OF TRANSPORTATION - 841
PEDESTRIAN BRIDGE E. 174ST. / 895IX
Asset # : 2919

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	90%			LIFE				**
Concrete	10%	4+	\$3,700	LIFE				**
<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>								
<hr/>								
Backwall								
Concrete	80%			LIFE				**
Concrete	20%	4+	\$1,300	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Begin Abutment</i>								
<hr/>								
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE				**
Steel	50%	4+	\$6,500	LIFE				**
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : South Abutment</i>								
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Joint with Deck								
Generic	100%			LIFE				**
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE				**
<hr/>								
Pedestals								
Concrete	100%			LIFE				**
<hr/>								
Stem (breastwall)								
Concrete	100%			LIFE				**
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : With Brick Veneer</i>								
<hr/>								
Wingwalls								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE				**
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
Walls								
Concrete	100%			LIFE				**
<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>								
<hr/>								
Approaches								
Pavement								
Concrete	100%			2034		4	\$2,700	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Granite	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
<hr/>								
Railings/Parapets								
Steel	100%			LIFE	**			
<i>Broken/Missing Elements, 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/>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$8,200	
<hr/>								
Pier, Columns								
Steel	65%			LIFE	**	2-8	\$11,400	
Steel	35%	2-4	\$2,800	LIFE	**	2-8	\$11,400	
<i>Corrosion, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Base Of Center Pier</i>								
<hr/>								
Stem, Solid Pier								
Brick Veneer	100%			LIFE	**			
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South End Pier</i>								
<i>Explanation : Concrete With Brick Veneer</i>								
<hr/>								
Brngs, Ancr Blts, Pads								
Steel	90%			LIFE	**	2-8	\$1,400	
Steel	10%	2-4	\$11,600	LIFE	**	2-8	\$1,400	
<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Pier With Brick Veneer</i>								
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
<hr/>								
Pedestals								
Concrete	50%			LIFE	**			
<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+	\$14,600	LIFE	**			
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete	99%			2045	**			
Concrete	1%	4+	\$5,500	2045	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Mono Deck Surface								
Concrete	85%			2045	**	5	\$7,400	
<i>Recent Replace Evident, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	15%	4+	\$2,400	2045	**	5	\$3,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$8,500	
<i>Broken/Missing Elements, 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	**			
<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	\$2,100	
Concrete	20%	4+	\$6,600	LIFE	**	5	\$2,100	
<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	**			
Generic	50%	2-4	\$2,200	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$35,100	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$29,400	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST
Address : 79ST TO 91ST ST.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0031.070 / 2925 **Yr Built/Renovated** : 1942 /
Area Sq Ft : 93,000 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 08-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 2232167

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$7,291,200	\$5,273,500
Total	\$7,291,200	\$5,273,500
Importance Code A	\$6,276,800	\$373,700
Importance Code B	\$85,300	
Importance Code C	\$929,100	\$4,899,800
Total	\$7,291,200	\$5,273,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$106,700		\$8,800	
Total	\$106,700		\$8,800	
Importance Code A	\$48,700		\$7,800	
Importance Code B	\$30,200		\$1,000	
Importance Code C	\$27,900			
Total	\$106,700		\$8,800	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Granite	65%			LIFE			**	
Granite	35%	4+	\$13,900	LIFE			**	
	<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>							
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			**	
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$36,400	2026	\$728,000	4	\$12,100	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
Brick	100%	4+	\$42,900	2026	\$2,143,500	4	\$1,536,800	
	<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
Steel	25%	4+	\$11,800	LIFE			**	2-8
	<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Sidewalks								
Masonry	100%			LIFE			**	
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Cracks</i>							
Steel	75%			LIFE			**	
Steel	25%	4+	\$13,900	LIFE			**	
	<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier, Columns								
Concrete	90%			LIFE	**			
Concrete	10%	4+	\$85,300	LIFE	**			
Spalling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Pier 1								
Explanation : Area Currently Under Repair, Begin Abutment Through 84th Street.								
Steel	70%			LIFE	**	2-8	\$14,200	
Steel	30%	4+	\$30,200	LIFE	**	2-8	\$14,200	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Throughout								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	75%			2034	**	4	\$110,700	
Concrete	25%	4+	\$1,055,300	2034	**	4	\$73,800	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exposed Reinforcement, Extent : Moderate, Area Affected : 15%								
Location : Concentrated At Joints								
Rust Stains, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random, Also Concentrated At Joints								
Steel	80%			LIFE	**	2-8	\$101,300	
Steel	20%	4+	\$119,500	LIFE	**	2-8	\$101,300	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Throughout								
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Railing Supports At Joints								
Explanation : Dislocated Anchors, Missing Concrete Around Anchors								

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST
Asset # : 2925

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Asphalt	85%			2023	\$1,156,300	5	\$124,900	
Asphalt	15%	2-4	\$40,800	2026	\$204,100	5	\$62,400	
<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	
Concrete	20%	4+	\$314,000	2028	**	5	\$271,500	
<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	\$102,400	
Concrete	5%	4+	\$1,700,700	LIFE	**	5	\$102,400	
<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	\$3,401,400	LIFE	**	5	\$102,400	
<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	**			
Generic	67%	0-2	\$161,100	LIFE	**			
<i>Broken/Missing Elements, 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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$118,900	\$1,811,500
Total	\$118,900	\$1,811,500
Importance Code B	\$65,300	
Importance Code C	\$53,600	\$1,811,500
Total	\$118,900	\$1,811,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$33,800		\$21,500	\$63,200
Total	\$33,800		\$21,500	\$63,200
Importance Code A	\$29,100			
Importance Code B	\$4,700			\$52,000
Importance Code C			\$21,500	\$11,100
Total	\$33,800		\$21,500	\$63,200



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

Maintenance \$ are aggregated over a ten-year period. Site 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	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Brick Veneer	100%	4+	\$65,300	LIFE			**	
			<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	**
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Specifically, Stone Facing</i>					
Masonry: Brick	5%	4+	\$4,700	LIFE		3-5	\$84,100	**
			<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>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%			2025	\$1,342,400	4	\$22,300	
Curbs								
Concrete w/ Steel Face	80%			LIFE			**	
Concrete w/ Steel Face	20%	4+	\$1,500	LIFE			**	
			<i>Settlement, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations</i>					
Embankment								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY
Asset # : 2577

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE		**		
Piers								
Cap Beam								
Not Accessible	100%							
Pier, Columns								
Not Accessible	100%							
Brngs, Ancr Blts, Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	80%			LIFE		**		
Concrete w/ Steel Face	20%	2-4	\$2,700	LIFE		**		
<i>Settlement, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Scattered Throughout</i>								
Median								
Concrete	100%	4+	\$7,500	LIFE		**	5	\$1,900
<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+	\$17,400	2033		**	5	\$900
<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+	\$53,600	2029		**	5	\$4,600
<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	\$469,100		5	\$43,100
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY
Asset # : 2577

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$326,800	\$758,100
Total	\$326,800	\$758,100
Importance Code A	\$287,800	\$451,300
Importance Code B	\$39,000	\$205,900
Importance Code C		\$100,900
Total	\$326,800	\$758,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$79,800		\$66,500	\$1,000
Total	\$79,800		\$66,500	\$1,000
Importance Code A	\$19,400		\$45,800	\$1,000
Importance Code B	\$7,600		\$20,600	
Importance Code C	\$52,700			
Total	\$79,800		\$66,500	\$1,000



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	0-2	\$39,000	LIFE			* *	
<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%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE			* *	
Walls								
Concrete	100%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	100%	4+	\$5,000	2025	\$100,900	4	\$1,600	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Isolated Location</i>								
Concrete	100%	4+	\$7,800	2033		4	\$6,200	* *
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations</i>								
Curbs								
Concrete	100%			LIFE				* *
Concrete w/ Steel Face	100%			LIFE				* *
<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				* *

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Concrete	100%			2039	**	4		
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Steel	95%			LIFE	**	2-8	\$274,600	
Steel	5%	4+	\$9,400	LIFE	**	2-8	\$274,600	
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$285,000	
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%	0-2	\$7,600	LIFE	**			
<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	**			
Granite	100%	4+	\$5,900	LIFE	**			
<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+	\$6,300	2044	**	5	\$28,700	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Concrete	20%	4+	\$4,100	2033	**	4	\$2,100	
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Southwest Side On Top Of Parapet</i>								
Concrete	80%			2033	**	4	\$2,100	
Steel	100%			LIFE	**	2-8	\$16,300	
Sidewalks								
Cobblestone	100%			2044	**			
<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+	\$13,800	2029	**	5	\$5,700	
<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	**			
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$11,900	
<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	\$19,700	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Generic	20%			LIFE	**			
Primary Member								
Steel	95%			LIFE	**	2-8	\$199,700	
Steel	5%	4+	\$287,800	LIFE	**	2-8	\$199,700	
<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	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : **RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**
 Address : **152ND ST- W161ST ST**
 Borough : **MANHATTAN** Agency's Number : **N/A**
 Program / Asset # : **DOT0069.000 / 2493** Yr Built/Renovated : **1908 /**
 Area Sq Ft : **181,487** Project Type : **HIGHWAY BRIDGES**
 Date of Survey : **08-Nov-2013** Landmark Status : **NONE**
 Areas Surveyed :
 Block : Lot : BIN : **2246720**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$13,523,900	\$7,947,000
Total	\$13,523,900	\$7,947,000
Importance Code A	\$9,572,000	\$6,734,600
Importance Code B	\$2,294,000	
Importance Code C	\$1,657,900	\$1,212,400
Total	\$13,523,900	\$7,947,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$69,300	\$12,900	\$452,800	
Total	\$69,300	\$12,900	\$452,800	
Importance Code A	\$60,400	\$12,900	\$452,800	
Importance Code B				
Importance Code C	\$8,900			
Total	\$69,300	\$12,900	\$452,800	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	50%			LIFE		**		
<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+	\$267,600	LIFE		**		
<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		**		
Backwall								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Steel	75%			LIFE		**		
Steel	25%	2-4	\$177,800	LIFE		**		
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Both Abutments</i>								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	50%			LIFE		**		
Generic	50%	2-4	\$138,500	LIFE		**		
<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		**		
Pedestals								
Concrete	85%			LIFE		**		
Concrete	15%	4+	\$91,800	LIFE		**		
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Begin Abutment</i>								
Stem (breastwall)								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Begin Abutment</i>								
<i>Explanation : Condition Repaired</i>								
Granite	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Begin Abutment</i>								
<i>Explanation : Condition Repaired</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Piles								
Not Accessible	100%							
Walls								
Granite	100%	4+	\$97,800	LIFE			* *	
<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			* *	
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Begin Abutment</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$8,900	2026	\$444,900	4	\$8,100	
<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+	\$138,400	2034		4	\$30,800	
<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+	\$7,000	LIFE			* *	
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : At End Approach</i>								
Granite	100%			LIFE			* *	
Embankment								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Railings/Parapets								
Concrete	100%			2034			* *	
Granite	100%	4+	\$4,100	LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Joint Mortar</i>								
Steel	100%			LIFE			* *	
Sidewalks								
Asphalt	100%			2026		4		
Concrete	100%			LIFE			* *	
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
RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST
Asset # : 2493

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Cap Beam								
Concrete Encased Steel	100%			LIFE	**	5	\$19,100	
Steel	85%			LIFE	**	2-8	\$3,374,000	
Steel	15%	4+	\$1,216,700	LIFE	**	2-8	\$3,374,000	
<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : On Cantilever Portions Span 42 To End</i>								
Pier,Columns								
Concrete Encased Steel	50%			LIFE	**	5	\$900	
Concrete Encased Steel	50%	0-2	\$1,138,100	LIFE	**	5	\$900	
<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>								
Stem,Solid Pier								
Masonry	80%			LIFE	**			
Masonry	20%	4+	\$979,700	LIFE	**			
<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>								
Brngs,Ancr Blts,Pads								
Steel	60%			LIFE	**	2-8	\$173,900	
Steel	40%	2-4	\$900,800	LIFE	**	2-8	\$173,900	
<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>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	95%			LIFE	**			
Concrete	5%	4+	\$37,800	LIFE	**			
<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>								
Piles								
Not Accessible	100%							
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
RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST
Asset # : 2493

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Granite	90%			LIFE		**		
Granite	10%	4+	\$6,500	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Guide Railing								
Concrete	95%			2038		**		
Concrete	5%	4+	\$31,500	2038		**		
<i>Broken/Missing Elements, 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>								
Railings/Parapets								
Granite	100%			LIFE		**		
Masonry	95%			2034		**	5	\$25,900
Masonry	5%	4+	\$11,300	2034		**	5	\$12,900
<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+	\$257,800	LIFE		**	2-8	\$23,900
<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>								
Sidewalks								
Concrete	90%			2030		**	5	\$117,500
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
Concrete	10%	4+	\$188,600	2030		**	5	\$58,700
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At East Fascia Sidewalk</i>								
Wearing Surface								
Concrete	95%			2034		**	5	\$650,000
Concrete	5%	2-4	\$86,100	2034		**	5	\$325,000
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracks, Map Cracks And Delaminated Area.</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	50%			LIFE	**	5	\$199,700	
Concrete	50%	4+	\$3,003,000	LIFE	**	5	\$199,700	
<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>								
Joints								
Steel	80%			LIFE	**			
Steel	15%	2-4	\$416,400	LIFE	**			
<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	\$347,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : East Fascia Sidewalk</i>								
Primary Member								
Concrete Encased Steel	70%			LIFE	**	5	\$914,500	
Concrete Encased Steel	30%	2-4	\$3,656,400	LIFE	**	5	\$914,500	
<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	\$2,684,100	
<i>Rust Stains, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Concrete Encased Steel	100%			2053	**			

Note : 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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : SHORE ROAD BRIDGE
Address : SHORE ROAD CIRCLE AMTRAK - CSX
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0213.000 / 14581 **Yr Built/Renovated** :
Area Sq Ft : 4,800 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 08-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2241390

CAPITAL

Total

Importance Code

Total

EXPENSE

Total

Importance Code

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
SHORE ROAD BRIDGE
Asset # : 14581

Bridge Structure System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Abutments							
Bridge Seat&pedestals							
Not Accessible	100%						
Backwall							
Not Accessible	100%						
Brngs,Ancr Blts,Pads							
Not Accessible	100%						
Footings							
Not Accessible	100%						
Joint with Deck							
Generic	100%			LIFE		* *	
Mat (scour & erosion)							
Not Accessible	100%						
Pedestals							
Not Accessible	100%						
Stem (breastwall)							
Not Accessible	100%						
Walls							
Not Accessible	100%						
Wingwalls							
Footings							
Not Accessible	100%						
Mat (scour & erosion)							
Not Accessible	100%						
Piles							
Not Accessible	100%						
Walls							
Not Accessible	100%						
Feature Crossed							
Bank Protection							
Not Accessible	100%						
Mat (scour & erosion)							
Generic	100%			LIFE		* *	
Approaches							
Pavement							
Concrete	100%			2036		* * 4	
Curbs							
Concrete w/ Steel Face	100%			LIFE		* *	
Embankment							
Generic	100%			LIFE		* *	
Mat (scour & erosion)							
Earth	100%			LIFE		* *	
Pavement Base							
Not Accessible	100%						
Railings/Parapets							
Concrete	100%			2036		* *	
Steel	100%			LIFE		* *	

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
SHORE ROAD BRIDGE
Asset # : 14581

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Sidewalks								
Asphalt	100%			2028	**	4		
Concrete	100%			LIFE	**			
Generic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Grass Strips</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Railings/Parapets								
Concrete	100%			2036	**	4		
Steel	100%			LIFE	**	2-8		
Sidewalks								
Concrete	100%			2032	**	5		
Wearing Surface								
Concrete	100%			2036	**	5		
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : **21-Aug-2015** Landmark Status : **NONE**
 Areas Surveyed :
 Block : Lot : BIN : **2249269**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,627,900	\$1,025,000
Total	\$1,627,900	\$1,025,000
Importance Code A	\$729,200	\$488,300
Importance Code B	\$439,500	\$439,500
Importance Code C	\$459,200	\$97,200
Total	\$1,627,900	\$1,025,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$323,800		\$92,700	
Total	\$323,800		\$92,700	
Importance Code A	\$194,900		\$44,600	
Importance Code B	\$80,800		\$44,100	
Importance Code C	\$48,100		\$4,000	
Total	\$323,800		\$92,700	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE			* *	
Backwall Concrete	100%			LIFE			* *	
Brngs,Ancr Blts,Pads Multi-Rotational Bearing	100%			LIFE			* *	
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Generic	100%	4+	\$800	LIFE			* *	
			<i>Settlement, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Vegetation Growth</i>					
Pedestals								
Concrete	100%			LIFE			* *	
Stem (breastwall)								
Concrete	100%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Bank Protection								
Concrete	100%	4+	\$313,400	LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Exposed Reinforcement</i>					
Mat (scour & erosion)								
Stream Bed	100%			LIFE			* *	
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
SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE

Asset # : 2499

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	80%			2028	**	4	\$8,100	
Asphalt	20%	4+	\$23,400	2028	**	4	\$8,100	
<i>Broken, Missing Pave, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	100%	4+	\$18,200	2036	**	4	\$30,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,800	LIFE	**			
<i>Rust Stains, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8	\$9,300	
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**			
Steel	100%	4+	\$15,900	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southeast End</i>								
Sidewalks								
Concrete	100%	4+	\$6,500	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Pier, Columns								
Concrete	100%			LIFE	**			
Brngs, Anchr Blts, Pads								
Multi-Rotational Bearing	100%			LIFE	**			
Footings								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE

Asset # : 2499

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 75%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets								
Concrete	100%	4+	\$19,700	2036	**	4	\$8,600	
			<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 Locations Throughout</i>					
			<i>Explanation : Scaling</i>					
Steel	100%			LIFE	**	2-8	\$19,200	
Sidewalks								
Concrete	100%	4+	\$78,100	2032	**	5	\$11,100	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Scaling</i>					
Wearing Surface								
Concrete	100%	4+	\$67,700	2036	**	5	\$97,200	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$289,800	LIFE	**	5	\$48,900	
			<i>Cracks, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,406,900	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,207,000	

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

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

Print Date : 14-Dec-2016 **DEPARTMENT OF TRANSPORTATION - FY 2017**

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 : 26-Aug-2015 Landmark Status : NONE
 Areas Surveyed :
 Block : Lot : BIN : 223201C

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$2,193,400	\$1,965,900
Total	\$2,193,400	\$1,965,900
Importance Code A	\$1,095,700	\$1,095,700
Importance Code B	\$870,200	\$870,200
Importance Code C	\$227,500	
Total	\$2,193,400	\$1,965,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$691,800		\$214,100	
Total	\$691,800		\$214,100	
Importance Code A	\$455,600		\$111,700	
Importance Code B	\$223,300		\$87,300	
Importance Code C	\$12,900		\$15,100	
Total	\$691,800		\$214,100	



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.

DEPARTMENT OF TRANSPORTATION - 841
SOUTH ST RAMP TO FDR/SOUTH ST
Asset # : 4325

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Granite	100%	4+	\$2,900	LIFE				* *
			<i>Broken/Missing Elements, 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>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE				* *
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE				* *
Concrete	10%	4+	\$3,300	LIFE				* *
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Northwest Corner</i>					
Granite	100%	4+	\$3,400	LIFE				* *
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Northwest Corner</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE				* *
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
SOUTH ST RAMP TO FDR/SOUTH ST
Asset # : 4325

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	60%			2028	**	4	\$30,200	
Asphalt	40%	2-4	\$227,500	2028	**	4	\$30,200	
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Near End Of Approach</i>								
<i>Settlement, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Near End Of Approach</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction</i>								
Granite	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction</i>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$1,236,500	
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$444,600	
Stem,Solid Pier								
Granite	100%			LIFE	**			
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pier 7</i>								
<i>Explanation : Pier 7 Is A Solid Stem Pier</i>								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2036	**	4	\$2,800	
Granite	100%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$18,700	
Wearing Surface								
Asphalt	100%			2028	**	5	\$12,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction</i>								
Scupper								
Cast Iron	100%			LIFE	**			
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
SOUTH ST RAMP TO FDR/SOUTH ST
Asset # : 4325

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$23,600	
Joints								
Generic	100%			LIFE	* *			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction</i>								
Primary Member								
Steel	90%			LIFE	* *	2-8	\$1,242,100	
Steel	10%			LIFE	* *	2-8	\$1,242,100	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Secondary Member								
Steel	90%			LIFE	* *	2-8	\$1,065,700	
Steel	10%			LIFE	* *	2-8	\$1,065,700	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : **26-Aug-2015** Landmark Status : **NONE**
 Areas Surveyed :
 Block : Lot : BIN : **223201D**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$2,423,500	\$4,026,400
Total	\$2,423,500	\$4,026,400
Importance Code A	\$321,000	\$241,500
Importance Code B	\$2,102,500	\$3,784,900
Total	\$2,423,500	\$4,026,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$491,200		\$418,000	\$31,700
Total	\$491,200		\$418,000	\$31,700
Importance Code A	\$92,300		\$38,400	
Importance Code B	\$371,400		\$379,600	
Importance Code C	\$27,500			\$31,700
Total	\$491,200		\$418,000	\$31,700



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%	4+	\$2,800	LIFE			**	
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Piers								
Cap Beam								
Steel	60%	4+	\$176,500	LIFE		**	2-8	\$224,300
			<i>Corrosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	40%			LIFE		**	2-8	\$375,200
Pier,Columns								
Steel	60%			LIFE		**	2-8	\$172,800
Steel	40%	4+	\$148,800	LIFE		**	2-8	\$105,400
			<i>Corrosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Not Visible Due To High Tide</i>					
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2036		**	4	\$28,300
Wearing Surface								
Concrete	70%			2036		**	5	\$63,400
Concrete	30%	4+	\$27,500	2036		**	5	\$31,700
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Scupper								
Cast Iron	100%			LIFE		**		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE		**	5	\$45,100
Joints								
Generic	100%			LIFE		**		

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

Maintenance \$ are aggregated over a ten-year period. Site 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
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	\$152,100	
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Steel	85%			LIFE	* *	2-8	\$5,097,300	
<i>Rust Stains, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	15%	4+	\$61,200	LIFE	* *	2-8	\$2,903,700	
<i>Corrosion, 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.

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$382,900	\$35,900
Total	\$382,900	\$35,900
Importance Code B	\$156,400	
Importance Code C	\$226,500	\$35,900
Total	\$382,900	\$35,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$73,300		\$500	
Total	\$73,300		\$500	
Importance Code A	\$30,300		\$500	
Importance Code C	\$43,000			
Total	\$73,300		\$500	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$156,400	LIFE				**
			<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				**
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE				**
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE				**
Mat (scour & erosion)								
Earth	100%			LIFE				**
Approaches								
Pavement								
Concrete	100%	4+	\$63,300	2034				** 4 \$39,400
			<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$16,400	LIFE			* *	
<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			* *	
Guide Railing								
Steel	100%			LIFE		2-8	\$5,600	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Sidewalks								
Concrete	100%	2-4	\$163,200	LIFE			* *	
<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%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$13,900	LIFE			* *	
<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	\$10,900	

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
STILLWELL AVE. BRIDGE
Asset # : 13572

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%	4+	\$15,700	2030	* *	5	\$5,100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$27,200	2034	* *	5	\$35,900	
<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%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK
Address : TIFFANY STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0182.000 / 13716 **Yr Built/Renovated** : 1908 /
Area Sq Ft : 7,267 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 17-Dec-2012 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 2241170

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure		\$644,600
Total		\$644,600
Importance Code B		\$71,900
Importance Code C		\$572,600
Total		\$644,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$61,400	\$1,700	\$7,300	
Total	\$61,400	\$1,700	\$7,300	
Importance Code A			\$100	
Importance Code B	\$15,000		\$7,200	
Importance Code C	\$46,500	\$1,700		
Total	\$61,400	\$1,700	\$7,300	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$15,000	LIFE			* *	
<i>Loose Elements, Extent : Light, Area Affected : 15%</i>								
<i>Location : Both Abutments</i>								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	\$28,600	2025	\$572,600	4	\$12,100	
<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+	\$7,000	2033			* *	4
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
Embankment								
Earth	100%			LIFE			* *	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing Concrete	100%			2033	**	4		
<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		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
Sidewalks								
Concrete	95%			LIFE	**			
Concrete	5%	4+	\$1,500	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%			2033	**	4		
<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	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
Sidewalks								
Concrete	100%			2029	**	5	\$3,500	
Wearing Surface								
Concrete	100%	4+	\$9,400	2033	**	5	\$20,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$8,000	
<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>								
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	**			
Secondary Member								
Steel	100%			LIFE	**	2-8	\$112,500	
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 08-Sep-2015 Landmark Status : NONE
Areas Surveyed :
Block : Lot : BIN : 2241930

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$104,700	\$81,100
Total	\$104,700	\$81,100
Importance Code C	\$104,700	\$81,100
Total	\$104,700	\$81,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$83,700		\$700	
Total	\$83,700		\$700	
Importance Code A	\$45,300		\$700	
Importance Code B	\$15,000			
Importance Code C	\$23,400			
Total	\$83,700		\$700	



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

Maintenance \$ are aggregated over a ten-year period. Site 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	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$15,000	LIFE			* *	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Both Sides</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%	4+	\$18,200	2036			* *	4 \$30,800
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : At Joint Of South Abutment</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
			<i>Corrosion, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
Generic	100%			LIFE			* *	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036			* *	
Sidewalks								
Concrete	100%	4+	\$5,200	LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : North Approach</i>					
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Concrete	100%	4+	\$32,900	2036			* *	4
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					\$14,300
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Western Side</i>					
Steel	100%			LIFE			* *	2-8
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					\$32,000
			<i>Location : Throughout</i>					
			<i>Explanation : Chain Link Fence</i>					
Sidewalks								
Concrete	100%	4+	\$48,200	2032			* *	5
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					\$17,100
			<i>Location : Map Cracking At Western Sidewalk, Random Cracks Throughout Both Sides</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
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+	\$56,500	2036	* *	5	\$81,100	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS
Address : W205TH ST, JEROME-PAUL AVES
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0060.000 / 2485 **Yr Built/Renovated** : 1935 /
Area Sq Ft : 37,800 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 28-Oct-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 2241940

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$196,000	\$585,100
Total	\$196,000	\$585,100
Importance Code C	\$196,000	\$585,100
Total	\$196,000	\$585,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$66,200		\$600	
Total	\$66,200		\$600	
Importance Code A	\$31,100		\$600	
Importance Code B	\$35,100			
Importance Code C				
Total	\$66,200		\$600	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$15,000	LIFE			* *	
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Along West Joint Header</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	90%			LIFE			* *	
Concrete	10%	4+	\$20,100	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast Corner</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	100%	4+	\$117,000	2026	\$585,100	4	\$8,100	
<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+	\$36,400	2034			* *	\$61,700
<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			* *	
Embankment								
Earth	100%			LIFE			* *	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Railings/Parapets								
Concrete	100%	4+	\$2,700	2034		**		
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Northwest Corner</i>					
Steel	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Chain Link Fence</i>					
Sidewalks								
Concrete	100%			LIFE		**		
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Railings/Parapets								
Concrete	100%	4+	\$28,400	2034		**	4	\$12,400
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : North Side</i>					
Steel	100%			LIFE		**	2-8	\$16,100
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Chain Link Fence</i>					
Sidewalks								
Concrete	100%	4+	\$42,600	2033		**	5	\$15,100
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Wearing Surface								
Concrete	100%			2038		**	5	
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

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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.*

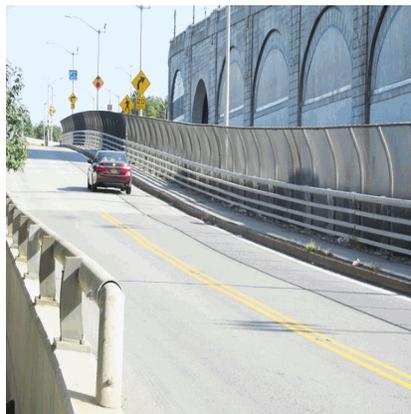
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH
Address : RAMP TO W. 158TH STREET / AMTRAK RAILS
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0157.000 / 13520 **Yr Built/Renovated** :
Area Sq Ft : 29,170 **Project Type** : HIGHWAY BRIDGES
Date of Survey : 17-Dec-2012 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2245250

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$111,700	\$929,200
Total	\$111,700	\$929,200
Importance Code A	\$74,800	\$288,700
Importance Code B	\$36,900	\$288,700
Importance Code C		\$351,800
Total	\$111,700	\$929,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$137,500	\$7,400	\$58,900	
Total	\$137,500	\$7,400	\$58,900	
Importance Code A	\$63,700		\$29,900	
Importance Code B			\$29,000	
Importance Code C	\$73,800	\$7,400		
Total	\$137,500	\$7,400	\$58,900	



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
WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH
Asset # : 13520

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
		<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%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$36,900	LIFE			* *	
		<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			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$5,200	2025	\$262,300	4	\$7,000	
<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+	\$16,900	2033	* *	4	\$55,500	
<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	* *			
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations</i>								
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$15,500	
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Concrete	100%	4+	\$22,400	LIFE	* *			
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Pier 5</i>								
Pier,Columns								
Concrete	100%			LIFE	* *			
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
<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+	\$34,700	LIFE	* *	2-8	\$9,800	
<i>Corrosion, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Piles								
Not Accessible	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.

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**			
Railings/Parapets								
Concrete	100%	4+	\$6,600	2033	**	4	\$400	
			<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	
			<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	
Wearing Surface								
Concrete	100%	4+	\$32,200	2033	**	5	\$89,500	
			<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	**			
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$74,800	LIFE	**	5	\$32,100	
			<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	\$19,400	LIFE	**			
			<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	
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Span 6</i>					
Secondary Member								
Steel	100%			LIFE	**	2-8	\$451,700	

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

Maintenance \$ are aggregated over a ten-year period. Site 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 : 14-Dec-2016 **DEPARTMENT OF TRANSPORTATION - FY 2017**

Asset Name	: WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/ P AND 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	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure		\$1,169,500
Total		\$1,169,500
Importance Code C		\$1,169,500
Total		\$1,169,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$37,600	\$34,900	\$3,900	
Total	\$37,600	\$34,900	\$3,900	
Importance Code A	\$6,300		\$200	
Importance Code C	\$31,200	\$34,900	\$3,700	
Total	\$37,600	\$34,900	\$3,900	



*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
WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/ P AND W
Asset # : 13569

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Railings/Parapets								
Concrete	100%	4+	\$6,100	2034			* *	
			<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			* *	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Steel Panel Wall</i>					
Sidewalks								
Concrete	100%	4+	\$7,800	LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
			<i>Rust Stains, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
Median								
Concrete	100%			LIFE		* *	5	\$700
Railings/Parapets								
Concrete	100%			2034		* *	4	\$600
Steel	100%			LIFE		* *	2-8	\$5,300
			<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 AND W
Asset # : 13569

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%			2030	* *	5	\$7,500	
Wearing Surface								
Concrete	100%			2034	* *	5	\$69,800	
Superstructure								
Deck,Structural								
Not Accessible	100%	<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Material Is Concrete</i>						
Joints								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,210,500	\$1,331,700
Total	\$1,210,500	\$1,331,700
Importance Code A		\$933,900
Importance Code B	\$114,900	\$397,800
Importance Code C	\$1,095,600	
Total	\$1,210,500	\$1,331,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure			\$164,000	\$26,700
Bridge Electrical	\$8,600	\$7,400	\$7,400	\$7,400
Bridge Mechanical	\$51,800	\$71,800	\$53,900	\$71,800
Total	\$60,500	\$79,200	\$225,200	\$105,900
Importance Code A			\$86,900	
Importance Code B	\$60,500	\$79,200	\$101,100	\$79,200
Importance Code C			\$37,200	\$26,700
Total	\$60,500	\$79,200	\$225,200	\$105,900



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
145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER

Asset # : 2468

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE		**		
Feature Crossed								
Bank Protection								
Concrete	100%	2-4	\$1,095,600	LIFE		**		
			<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		**		
Timber	100%			2033		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	10%	0-2	\$114,900	LIFE		**		
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Pier 3 And 5 Right Side Dolphins</i>					
			<i>Rotted, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Piers 3 And 5</i>					
			<i>Split/Dry/Cracked, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Piers 3 And 5</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Piers 3 And 5</i>					
			<i>Explanation : Exhibits Impact Damage To Dolphins.</i>					
Timber	90%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Pier 4</i>					
			<i>Explanation : New Pier Protection.</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
145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER
Asset # : 2468

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2029	**	4	\$53,300	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8		
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Piers 6 And 7.</i>						
		<i>Explanation : Concrete Cap Beam</i>						
Stem,Solid Pier								
Concrete	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Piers 1 - 3 And 5 Through 7.</i>						
		<i>Explanation : Concrete Pier Stem</i>						
Granite	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Pier 3 And 5.</i>						
		<i>Explanation : Granite Facade.</i>						
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2055	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Piers 1 - 3 And 5 Through 7.</i>						
		<i>Explanation : Elastomeric Brg. For Spans 1 - 3 And 6 - 8.</i>						
Steel	100%			LIFE	**	2-8		
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Piers 3, 4, 5.</i>						
		<i>Explanation : Steel Brgs. For Spans 4 And 5.</i>						
Footings								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1 - 3 And 6 Through 8.</i>						
		<i>Explanation : Spans 1 - 3 And 6 Through 8.</i>						
Guide Railing								
Steel	100%			LIFE	**			

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Steel	75%			LIFE	**	2-8	\$28,800	
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Spans 1 - 3 And 6 - 8.</i>							
	<i>Explanation : Chain Link Fence Both Sides</i>							
Steel	25%			LIFE	**	2-8	\$28,800	
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Spans 4 And 5.</i>							
	<i>Explanation : Chain Link Fence And Pedestrian Railing On Both Sides.</i>							
Sidewalks								
Concrete	100%			2035	**	5	\$29,000	
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Spans 1 - 3 And 6 Through 8.</i>							
	<i>Explanation : Spans 1 - 3 And 6 Through 8.</i>							
Grating w/ Concrete	100%			2055	**			
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Spans 4 And 5.</i>							
	<i>Explanation : Spans 4 And 5.</i>							
Wearing Surface								
Asphalt	100%			2030	**	5	\$45,500	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$69,200	
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Spans 1, 3 And 6 Through 8.</i>							
	<i>Explanation : Spans 1, 3 And 6 Through 8.</i>							
Grating w/ Concrete	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Spans 4 And 5.</i>							
	<i>Explanation : Spans 4 And 5.</i>							
Joints								
Steel	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 3 And 5.</i>							
	<i>Explanation : Piers 3 And 5.</i>							
Generic	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 1, 2 And 6 Through 7.</i>							
	<i>Explanation : Piers 1, 2 And 6 Through 7.</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 Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Concrete	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2.</i>								
<i>Explanation : Span 2.</i>								
Steel	100%			LIFE	**	2-8	\$1,579,800	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 And 6 Through 8.</i>								
<i>Explanation : Spans 1, 3 And 6 Through 8.</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$622,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 And 6 Through 8.</i>								
<i>Explanation : Spans 1, 3 And 6 Through 8.</i>								
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	**			
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%			2025	\$14,700			
Telephone								
Desk Top	100%			2025				
Control System Electrical								
Computer								
PLC	100%	Now	\$1,300	2025	\$25,300			
<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	**			
Control Devices								
Relay	100%			2045	**			
Disconnect Switch								
Non Fused	100%			2045	**	1	\$35,900	
Limit Switch								
Generic	100%			2045	**			
Local Starter								
Magnetic	100%			2045	**			

Drive

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER

Asset # : 2468

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
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	
Motor Brake Thruster	100%			2055	* *	1	\$1,100	
Electrical Power								
MCC								
Generic	100%			2045	* *			
Panelboard								
Circuit Breaker	100%			2045	* *	1	\$6,700	
Transfer Switch								
Auto	100%			2045	* *			
Transformer								
Dry	100%			2045	* *			
Exterior Lighting								
Lighting Contactor								
Generic	100%			2045	* *	1	\$5,600	
Lighting Fixture								
HID	100%			2025				
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2030	* *			
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2030	* *			
Lightning Terminals								
Copper	100%			2025	\$1,300			
Interior Lighting								
Exit Lighting								
Battery Operated	100%			2030	* *			
Lighting Fixture								
Fluorescent	100%			2030	* *	1	\$5,600	
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2025		1	\$3,400	
Pier Lighting								
Incandescent	100%			2025		1	\$4,500	
Span Lighting								
Incandescent	100%			2025		1	\$2,300	
Raceway								
Box								
Terminal	100%			2035	* *	1	\$4,500	
Collector Ring								
Metal	100%			2035	* *			
Communications								
Twisted Shielded pair	100%			2025				

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER
Asset # : 2468

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Raceway								
Conduit								
Metal	100%			2065	**			
Submarine Control Cables								
Control	100%			2030	**			
Submarine Power Cable								
Power	100%			2030	**			
Wires								
Thermoplastic	100%			2045	**			
Stand-by Power								
Transfer Switch								
Auto	100%			2045	**			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2025		1	\$1,100	
Traffic Gate Lighting								
Incandescent	100%			2025		1	\$1,100	
Traffic Gong								
Generic	100%			2025		1	\$600	
Traffic Signal								
Generic	100%			2025		1	\$600	

Bridge 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	
Swing								
Center Latch								
Generic	100%			2065	**	2	\$22,500	
Center Pivot								
Generic	100%			2065	**	2	\$67,400	
Emergency Drive								
Emergency Power	100%			2065	**	2	\$44,900	
End Lift								
Generic	100%	Now	\$25,800	2065	**	2	\$35,900	
								<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	**			
Houses								
Control House	100%	Now	\$4,800	2065	**			
								<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
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	\$14,600	2065	* *	2	\$179,600	
<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	
Structural Bearings								
Generic	100%			2040	* *			
Traffic Devices								
Barrier Gate	100%			2040	* *			
Warning Gate	100%	Now	\$6,600	2040	* *			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Nw And 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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : BELT PARKWAY EAST BOUND OVER PAERDEGAT BASIN
Address : BELT SHORE PARKWAY
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0023.020 / 14776 **Yr Built/Renovated** : 2011 /
Area Sq Ft : 81,644 **Project Type** : WATERWAY BRIDGES
Date of Survey : 15-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231482

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$9,900			
Total	\$9,900			
Importance Code C	\$9,900			
Total	\$9,900			



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
BELT PARKWAY EAST BOUND OVER PAERDEGAT BASIN

Asset # : 14776

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			LIFE	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	**			
Mat (scour & erosion)								
Stream Bed	100%			LIFE	**			
Pier Protection								
Wood	100%			2042	**			
Approaches								
Pavement								
Concrete	100%			2042	**	4	\$29,800	
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2042	**	4		
Steel	100%			LIFE	**	2-8		
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**			
Steel	100%			LIFE	**			

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
BELT PARKWAY EAST BOUND OVER PAERDEGAT BASIN

Asset # : 14776

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Sidewalks								
Concrete	100%			LIFE		**		
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
Pier,Columns								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			LIFE		**		
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	100%			2047		**		
Steel	100%			LIFE		**		
Railings/Parapets								
Concrete	100%			2042		**	4	
Steel	100%			LIFE		**	2-8	
Sidewalks								
Concrete	100%			2037		**	5	\$29,200
Wearing Surface								
Concrete	100%			2042		**	5	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE		**	5	
Primary Member								
Steel	100%			LIFE		**	2-8	
Secondary Member								
Steel	100%			LIFE		**	2-8	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : BELT PARKWAY WEST BOUND OVER PAERDEGAT BASIN
Address : BELT SHORE PARKWAY
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0023.010 / 14775 **Yr Built/Renovated** : 2011 /
Area Sq Ft : 47,361 **Project Type** : WATERWAY BRIDGES
Date of Survey : 15-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231481

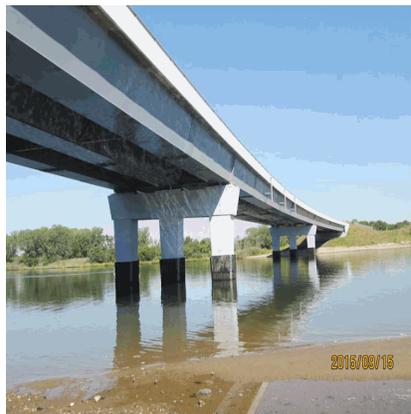
CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$14,600			
Total	\$14,600			
Importance Code C	\$14,600			
Total	\$14,600			



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

DEPARTMENT OF TRANSPORTATION - 841
BELT PARKWAY WEST BOUND OVER PAERDEGAT BASIN

Asset # : 14775

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			LIFE	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	**			
Mat (scour & erosion)								
Stream Bed	100%			LIFE	**			
Pier Protection								
Wood	100%			2042	**			
Approaches								
Pavement								
Concrete	100%			2042	**	4	\$43,700	
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**			
Steel	100%			LIFE	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
BELT PARKWAY WEST BOUND OVER PAERDEGAT BASIN

Asset # : 14775

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Pier,Columns								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			LIFE	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2042	**	4		
Steel	100%			LIFE	**	2-8		
Wearing Surface								
Concrete	100%			2042	**	5		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5		
Primary Member								
Steel	100%			LIFE	**	2-8		
Secondary Member								
Steel	100%			LIFE	**	2-8		

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 / 2013
 Area Sq Ft : 23,021 Project Type : WATERWAY BRIDGES
 Date of Survey : 09-Sep-2015 Landmark Status : NONE
 Areas Surveyed :
 Block : Lot : BIN : 2231509

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$418,100	\$541,400
Total	\$418,100	\$541,400
Importance Code A	\$209,000	\$209,000
Importance Code B	\$209,000	\$209,000
Importance Code C		\$123,300
Total	\$418,100	\$541,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$143,200		\$57,500	
Total	\$143,200		\$57,500	
Importance Code A	\$105,100		\$21,500	
Importance Code B	\$38,100		\$21,000	
Importance Code C			\$15,000	
Total	\$143,200		\$57,500	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2057	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Near Abutment</i>						
		<i>Explanation : Backer Rod Falling Through</i>						
Mat (scour & erosion)								
Riprap	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	**			
Mat (scour & erosion)								
Stream Bed	100%			LIFE	**			
Pier Protection								
Timber	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2040	**	4	\$30,100	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Along Center Line And Random Transverse</i>						
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Generic	100%			LIFE	**			
Guide Railing								
Concrete	100%			2042	**	4		
Steel	100%			LIFE	**	2-8	\$8,400	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
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	**			
Median								
Concrete	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**			
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Pier,Columns								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2057	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2057	**			
Guide Railing								
Concrete	100%			2047	**			
Steel	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$4,000	
Railings/Parapets								
Concrete	100%			2042	**	4		
Steel	100%			LIFE	**	2-8	\$18,300	
Sidewalks								
Concrete	100%			2037	**	5	\$2,600	
Wearing Surface								
Concrete	100%			2042	**	5	\$123,300	
Scupper								
Cast Iron	100%			LIFE	**			

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

Maintenance \$ are aggregated over a ten-year period. Site 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
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	\$46,500	
Primary Member								
Steel	100%			LIFE	* *	2-8	\$669,200	
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$574,200	

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

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

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

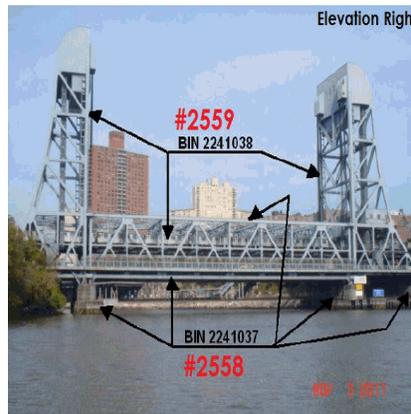
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : **BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**
 Address : **HARLEM RIVER, B'WAY**
 Borough : **MANHATTAN** Agency's Number : **N/A**
 Program / Asset # : **DOT0044.070 / 2558** Yr Built/Renovated :
 Area Sq Ft : **38,100** Project Type : **WATERWAY BRIDGES**
 Date of Survey : **28-May-2014** Landmark Status : **NONE**
 Areas Surveyed :
 Block : Lot : BIN : **2240137**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$4,671,300	\$1,545,600
Bridge Electrical	\$2,693,800	\$5,544,700
Bridge Mechanical	\$3,750,800	
Total	\$11,115,900	\$7,090,300
Importance Code A	\$4,299,800	\$753,500
Importance Code B	\$6,444,600	\$5,921,500
Importance Code C	\$371,500	\$415,300
Total	\$11,115,900	\$7,090,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$58,500		\$114,800	
Bridge Electrical	\$53,400			
Bridge Mechanical	\$32,700			
Total	\$144,600		\$114,800	
Importance Code A	\$500		\$77,000	
Importance Code B	\$104,700		\$37,800	
Importance Code C	\$39,400			
Total	\$144,600		\$114,800	



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

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

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

DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
<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			* *	
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Begin Abutment</i> <i>Explanation : Begin Abutment</i>								
Not Accessible	100%							
<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%							
<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%							
Joint with Deck								
Steel	100%			LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : End Abutment</i> <i>Explanation : End Abutment</i>								
Generic	100%			LIFE			* *	
<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			* *	
Pedestals								
Concrete	90%			LIFE			* *	
Concrete	10%	2-4	\$500	LIFE			* *	
<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			* *	
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Walls								
Concrete	100%	2-4	\$236,500	LIFE			* *	
			<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>					
Feature Crossed								
Bank Protection								
Concrete	100%	4+	\$13,000	LIFE			* *	
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : North Bank</i>					
Riprap	75%			LIFE			* *	
Riprap	25%	0-2	\$3,600	LIFE			* *	
			<i>Erosion, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Missing Riprap Causing Erosion Of Earth Near Begin Abutment</i>					
Timber	100%			2030			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	80%			LIFE			* *	
Timber	20%	4+	\$18,600	LIFE			* *	
			<i>Rotted, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Piers 1 And 2 Top Of Dolphin Piles.</i>					
Approaches								
Pavement								
Asphalt	100%			2030		* *	4	\$18,100
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
Embankment								
Earth	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Sidewalks								
Concrete	100%			LIFE			* *	
Piers								
Footings								
Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : Piers 1 And 2.</i>					
			<i>Explanation : Piers 1 And 2.</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 Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1 And 2.</i>								
<i>Explanation : Piers 1 And 2.</i>								
Deck Elements								
Curbs								
Steel	100%			LIFE			**	
Gratings								
Steel	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Grating On Sidewalk Between Truss Members</i>								
Median								
Steel	100%			LIFE		4-8	\$41,200	
Mono Deck Surface								
Concrete	90%			2045		5	\$186,000	
Concrete	10%	4+	\$2,400	2045		5	\$93,000	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Spans 1 And 3</i>								
Railings/Parapets								
Steel	33%			LIFE		2-8	\$20,700	
<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	\$20,700	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 And 3</i>								
<i>Explanation : Steel Railing On Each Side.</i>								
Sidewalks								
Grating w/ Concrete	100%			2045			**	
Wearing Surface								
Concrete	90%			2034		5	\$84,100	
Concrete	10%	4+	\$3,000	2034		5	\$42,000	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Spans 1 And 3</i>								
Steel Grating	90%			LIFE		5	\$72,600	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Span 2</i>								
Steel Grating	10%	Now	\$11,300	LIFE		5	\$72,600	
<i>Broken, Missing Pave, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Pier 2</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
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$14,300	
Joints								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Pier 2</i>								
<i>Explanation : Pier 2</i>								
Steel Finger Joints	100%			2053	**			
<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	\$703,700	
Steel	10%	4+	\$971,200	LIFE	**	2-8	\$703,700	
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 1 And 3 Stringers Below The Joints At Abutments And Piers.</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Spans 1 And 3 Stringers Below The Joints At Abutments And Piers.</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$589,500	
Movable Bridges								
Vertical Lift Span								
Steel	85%			LIFE	**			
Steel	10%	2-4	\$1,107,700	LIFE	**			
<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	\$1,107,700	LIFE	**			
<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	**			
Vertical Lift Pier								
Concrete	80%			LIFE	**			
Concrete	20%	4+	\$1,113,200	LIFE	**			
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Communication Electrical

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER

Asset # : 2558

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	\$35,300	2025	\$35,300			
<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	\$18,700	LIFE		* *		
<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	\$70,400			
Limit Switch								
Generic	100%			2023	\$130,000			
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%	Now	\$734,500	2023	\$3,672,700			
<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	\$1,697,800	2030		* *		
<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	\$1,636,200			
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$34,700	2020	\$173,300			
<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	\$52,800	2029		* *		
<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>								

Bridge 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	Priority

Vertical Lift

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

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DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER

Asset # : 2558

Bridge 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	
Vertical Lift								
Buffers								
Generic	100%	Now	\$32,700	2028			* *	
<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>								
Counter Weight Ropes & Gu								
Generic	100%	Now	\$85,000	2040			* *	
<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			* *	
Main CTRWT	100%	0-2	\$83,300	2040			* *	
<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	\$287,600	2028			* *	
<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			* *	
<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	\$91,200	2040			* *	
<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 And Motor Feet, Adj Required</i>								

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DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge 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	
Vertical Lift								
Houses								
Access Ways	100%	Now	\$65,000	2028			* *	
<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	\$45,800	2028			* *	
<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	\$159,300	2040			* *	
<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	\$789,100	2040			* *	
<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+	\$903,600	2040			* *	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Machine Room, North Not Accessible</i>								
<i>Explanation : Sheave Rooms Covered In Pigeon Droppings. No Operation Observed. Check During Operation</i>								
Structural Bearings								
Generic	100%	Now	\$37,300	2028			* *	
<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	\$830,200	2028			* *	
<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	\$373,500	2040			* *	
<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>								

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER
Address : HARLEM RIVER, B'WAY
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0044.080 / 2559 **Yr Built/Renovated** :
Area Sq Ft : 38,100 **Project Type** : WATERWAY BRIDGES
Date of Survey : 18-Dec-2012 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240138

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$968,900	\$382,600
Total	\$968,900	\$382,600
Importance Code A	\$290,700	
Importance Code B	\$551,100	
Importance Code C	\$127,200	\$382,600
Total	\$968,900	\$382,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$43,900		\$800	
Total	\$43,900		\$800	
Importance Code A	\$4,900		\$800	
Importance Code C	\$38,900			
Total	\$43,900		\$800	



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DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER

Asset # : 2559

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Abutments							
Bridge Seat&pedestals							
Not Accessible	100%						
Backwall							
Not Accessible	100%						
Brngs,Ancr Blts,Pads							
Not Accessible	100%						
Footings							
Not Accessible	100%						
Joint with Deck							
Generic	100%			LIFE			* *
Mat (scour & erosion)							
Earth	100%			LIFE			* *
Pedestals							
Not Accessible	100%						
Stem (breastwall)							
Not Accessible	100%						
Walls							
Not Accessible	100%						
Wingwalls							
Footings							
Not Accessible	100%						
Mat (scour & erosion)							
Earth	100%			LIFE			* *
Piles							
Not Accessible	100%						
Walls							
Concrete	2%	4+	\$3,300	LIFE			* *
	<i>Cracks, Extent : Light, Area Affected : 20%</i>						
	<i>Location : Southeast Wall</i>						
Concrete	98%			LIFE			* *
Feature Crossed							
Bank Protection							
Timber	100%	4+	\$127,200	2029			* *
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 50%</i>						
	<i>Location : Both Abutments</i>						
Mat (scour & erosion)							
Earth	100%			LIFE			* *
Pier Protection							
Timber	100%	4+	\$551,100	LIFE			* *
	<i>Broken/Missing Elements, 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.

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DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER

Asset # : 2559

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$7,700	2025	\$382,600	4	\$4,800	
<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			* *	
Embankment								
Earth	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Railings/Parapets								
Steel	100%	4+	\$4,900	LIFE			* *	
<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+	\$16,900	LIFE			* *	
<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%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Gratings								
Steel	100%	0-2	\$208,400	LIFE			**	
<i>Broken/Missing Elements, 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			**	
Median								
Steel	100%			LIFE			**	4-8
Mono Deck Surface								
Grating w/ Concrete	100%	2-4	\$11,100	2044			**	5 \$15,900
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cracks And Spalling</i>								
Steel Grating	100%			2044			**	
<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+	\$82,300	LIFE			**	2-8 \$21,200
<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%							
Joints								
Generic	100%			LIFE			**	
Primary Member								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Bird Nesting</i>								
Secondary Member								
Not Accessible	100%							

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

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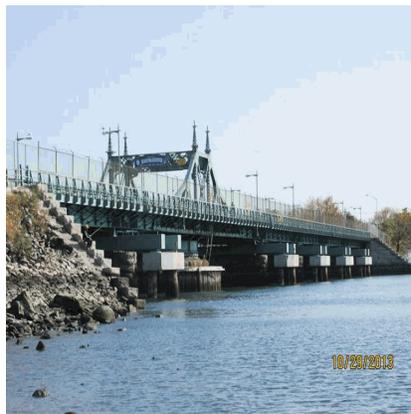
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$3,150,800	\$2,001,300
Total	\$3,150,800	\$2,001,300
Importance Code A	\$2,035,100	\$635,000
Importance Code B	\$894,800	\$574,500
Importance Code C	\$220,900	\$791,800
Total	\$3,150,800	\$2,001,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$152,400		\$131,400	
Total	\$152,400		\$131,400	
Importance Code A	\$45,700		\$64,700	
Importance Code B	\$29,900		\$57,600	
Importance Code C	\$76,800		\$9,100	
Total	\$152,400		\$131,400	



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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	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	50%			LIFE			* *	
Steel	50%	4+	\$24,600	LIFE			* *	
<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			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Masonry	100%	4+	\$39,700	LIFE			* *	
<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>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	\$62,000	LIFE			* *	
<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.
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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			* *	
	<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Vegetation</i>							
<hr/>								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
<hr/>								
Pier Protection								
Timber	100%	4+	\$367,400	LIFE			* *	
	<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>							
<hr/>								
Approaches								
Pavement								
Asphalt	75%			2026	\$263,300	4	\$6,600	
Asphalt	25%	4+	\$26,300	2026	\$87,800	4	\$4,400	
	<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>							
<hr/>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$10,000	LIFE			* *	
	<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : At Steel Fencing And Random Locations Throughout</i>							
<hr/>								
Embankment								
Earth	100%	4+	\$1,100	LIFE			* *	
	<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>							
<hr/>								
Processed Stone	100%	4+	\$2,000	LIFE			* *	
	<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>							
<hr/>								
Guide Railing								
Concrete	100%	4+	\$1,700	2034			* *	\$3,400
	<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>							

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Railings/Parapets								
Steel	100%	4+	\$4,900	LIFE			* *	
			<i>Broken/Missing Elements, 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	\$6,100	LIFE			* *	
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Southwest</i>					
Timber	90%			LIFE			* *	
Sidewalks								
Concrete	30%	4+	\$6,800	LIFE			* *	
			<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			* *	
Piers								
Cap Beam								
Steel	100%			LIFE		2-8	\$140,100	
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		2-8	\$2,700	
Footings								
Masonry	15%	4+	\$5,300	2045			* *	
			<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			* *	
Piles								
Steel	100%			LIFE			* *	
			<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+	\$23,000	LIFE			* *	
			<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Gratings								
Grating w/ Concrete	100%			2045	**			
<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 1/2 Feet x 1 Feet Each On Sides Of Bridge</i>								
Railings/Parapets								
Steel	100%	0-2	\$280,900	LIFE	**	2-8	\$24,200	
<i>Broken/Missing Elements, 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>								
Sidewalks								
Concrete	90%			2030	**	5	\$18,200	
Concrete	10%	0-2	\$7,000	2030	**	5	\$9,100	
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Local Area Near Fence</i>								
<i>Explanation : Both Sides Spalled And Cracked</i>								
Wearing Surface								
Asphalt	100%	4+	\$114,800	2026	\$382,700	5	\$13,400	
<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+	\$44,200	2034	**	5	\$58,100	
<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>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$22,400	
<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	**			

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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
CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY

Asset # : 2470

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Steel	95%			LIFE		* *		
Steel	5%	Now	\$31,300	LIFE		* *		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 100%</i>								
<i>Location : Northwest Side, Split Joint Cover Plate Next To Welding</i>								
Primary Member								
Steel	45%	4+	\$1,754,200	LIFE		* *	2-8	\$536,500
<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	\$536,500
Secondary Member								
Steel	15%	4+	\$201,800	LIFE		* *	2-8	\$449,400
<i>Corrosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Adjacent To South Sidewalk</i>								
Steel	85%	4+	\$285,900	LIFE		* *	2-8	\$449,400
<i>Broken/Missing Elements, 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.

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 08-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2229579

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$4,654,100	\$4,074,900
Total	\$4,654,100	\$4,074,900
Importance Code A	\$2,642,100	\$2,180,900
Importance Code B	\$1,642,400	\$1,894,100
Importance Code C	\$369,600	
Total	\$4,654,100	\$4,074,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$808,800		\$433,600	\$23,000
Total	\$808,800		\$433,600	\$23,000
Importance Code A	\$516,100		\$193,100	
Importance Code B	\$238,200		\$190,000	
Importance Code C	\$54,500		\$50,600	\$23,000
Total	\$808,800		\$433,600	\$23,000



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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
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER

Asset # : 4317

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	90%			LIFE				**
Concrete	10%	4+	\$1,900	LIFE				**
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Backwall								
Concrete	80%			LIFE				**
Concrete	20%	4+	\$10,000	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Brngs,Ancr Blts,Pads								
Steel	90%			LIFE				**
Steel	10%	4+	\$13,600	LIFE				**
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Joint with Deck								
Generic	80%			LIFE				**
Generic	20%	4+	\$8,500	LIFE				**
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Joint Filler Depressed</i>								
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE				**
<hr/>								
Pedestals								
Concrete	100%			LIFE				**
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Stem (breastwall)								
Concrete	80%			LIFE				**
Concrete	20%	4+	\$28,500	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Wingwalls								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE				**
<hr/>								
Piles								
Not Accessible	100%							

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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
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER

Asset # : 4317

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	85%			LIFE			* *	
Concrete	15%	4+	\$69,200	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Southeast Wingwall</i>								
<i>Spalling, 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 : Paint Peeling</i>								
Feature Crossed								
Bank Protection								
Sheet Piling	100%			LIFE			* *	
<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>								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	80%			2028			* *	\$20,900
Asphalt	20%	2-4	\$68,900	2028			* *	\$20,900
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	85%			2036			* *	\$80,200
Concrete	15%	2-4	\$38,700	2036			* *	\$80,200
<i>Settlement, 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	90%			LIFE			* *	
Concrete w/ Steel Face	10%	4+	\$3,000	LIFE			* *	
<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>								

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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
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER

Asset # : 4317

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Median								
Concrete	95%			LIFE				**
Concrete	5%	4+	\$3,100	LIFE				**
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At Surface</i>							
Steel	95%			LIFE				**
Steel	5%			LIFE				**
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Paint Peeling And Rust Stains</i>							
<hr/>								
Pavement Base								
Not Accessible	100%							
<hr/>								
Railings/Parapets								
Steel	90%			LIFE				**
Steel	10%	4+	\$8,600	LIFE				**
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At Surface</i>							
<hr/>								
Sidewalks								
Concrete	85%			LIFE				**
Concrete	15%	4+	\$8,000	LIFE				**
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : At Surface</i>							
	<i>Settlement, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
<hr/>								
Piers								
Cap Beam								
Concrete	85%			LIFE				**
Concrete	15%	4+	\$521,800	LIFE				**
	<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Exposed Reinforcement, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : At Surface</i>							
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Steel Wire Mesh Placed At Spalls Areas</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
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER

Asset # : 4317

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Concrete	80%			LIFE				**
Concrete	20%	4+	\$444,600	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Surface</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047				**
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE				**
Pedestals								
Concrete	95%			LIFE				**
Concrete	5%	4+	\$28,800	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	70%			LIFE				**
Concrete w/ Steel Face	30%	4+	\$21,900	LIFE				**
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Surface</i>								
Median								
Concrete	95%			LIFE		**	5	\$30,300
Concrete	5%	4+	\$8,000	LIFE		**	5	\$15,100
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Surface</i>								
Steel	95%			LIFE		**	4-8	\$195,900
Steel	5%			LIFE		**	4-8	\$195,900
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling And Rust Stain</i>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$141,200

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	70%			2032	**	5	\$34,300	
Concrete	30%	4+	\$78,900	2032	**	5	\$17,100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Surface</i>								
<hr/>								
Wearing Surface								
Concrete	90%			2036	**	5	\$46,000	
<i>Recent Repair Evident, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northbound Lane</i>								
Concrete	10%	4+	\$8,700	2036	**	5	\$23,000	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Scupper								
Cast Iron	100%	4+	\$113,900	LIFE	**			
<i>Drains Clogged, 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 : 18 Scuppers</i>								
<hr/>								
Superstructure								
Deck, Structural								
Concrete	85%			LIFE	**	5	\$210,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Underside Of Deck</i>								
<i>Explanation : Stay In Place Forms Throughout The Underside Of The Deck</i>								
Concrete	15%	4+	\$141,500	LIFE	**	5	\$105,300	
<i>Cracks, 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 : 10%</i>								
<i>Location : Stay In Place Form Under Deck</i>								
<i>Explanation : Corrosion And Deformation</i>								
<hr/>								
Joints								
Generic	75%			LIFE	**			
Generic	25%	4+	\$27,800	LIFE	**			
<i>Loose Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Joint Filler Depressed And Filled With Debris</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
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**

Asset # : 4317

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	93%			LIFE	**	2-8	\$3,031,800	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Bottom Flange</i>								
<i>Explanation : Fatigue Prone Detail, Partial Cover Plate</i>								
Steel	7%	4+	\$850,300	LIFE	**	2-8	\$1,768,900	
<i>Corrosion, Extent : Light, Area Affected : 15%</i>								
<i>Location : At Surface</i>								
Secondary Member								
Steel	95%			LIFE	**	2-8	\$2,601,200	
Steel	5%	4+	\$250,700	LIFE	**	2-8	\$1,481,800	
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : **19-Aug-2015** Landmark Status : **NONE**
 Areas Surveyed :
 Block : Lot : BIN : **2066672**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$315,200	\$315,200
Total	\$315,200	\$315,200
Importance Code A	\$94,500	\$94,500
Importance Code B	\$220,700	\$220,700
Total	\$315,200	\$315,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$86,600		\$47,700	\$24,100
Total	\$86,600		\$47,700	\$24,100
Importance Code A	\$44,100		\$11,000	
Importance Code B	\$40,200		\$22,100	
Importance Code C	\$2,300		\$14,600	\$24,100
Total	\$86,600		\$47,700	\$24,100



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.

DEPARTMENT OF TRANSPORTATION - 841
EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER
Asset # : 2916

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE			* *	
Approaches								
Pavement								
Concrete	100%			2036		* *	4	\$29,100
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Northbound Side</i>					
			<i>Explanation : Patching</i>					
Curbs								
Concrete	100%			LIFE			* *	
Concrete w/ Steel Face	100%			LIFE			* *	
Embankment								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER
Asset # : 2916

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE			**	
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036			**	
Steel	100%			LIFE			**	
Sidewalks								
Concrete	100%	4+	\$1,100	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Brick Veneer	100%			LIFE			**	
Masonry	100%			LIFE			**	
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
Median								
Concrete	100%			LIFE		**	5	\$4,000
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Concrete	100%			2036		**	4	\$2,400
Masonry	100%			2036		**	5	
Steel	100%			LIFE		**	2-8	\$16,100

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.

DEPARTMENT OF TRANSPORTATION - 841
EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER

Asset # : 2916

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Asphalt	100%			2025		4		
Concrete	90%			2032	* *	5	\$3,900	
Concrete	10%	4+	\$1,100	2032	* *	5	\$1,900	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2036	* *	5	\$48,200	
Scupper								
Cast Iron	100%			LIFE	* *			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Deck</i>								
<i>Explanation : 3 Scuppers</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$8,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Spans 1, 2 And 4 - 8</i>								
<i>Explanation : Not Accessible</i>								
Grating w/ Concrete	100%			LIFE	* *			
Joints								
Steel	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	\$302,600	
Not Accessible	100%							
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$606,200	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : **19-Aug-2015** Landmark Status : **NONE**
 Areas Surveyed :
 Block : Lot : BIN : **2066671**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$217,700	\$217,700
Total	\$217,700	\$217,700
Importance Code A	\$95,000	\$95,000
Importance Code B	\$122,700	\$122,700
Total	\$217,700	\$217,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$62,900		\$37,100	\$12,100
Total	\$62,900		\$37,100	\$12,100
Importance Code A	\$39,400		\$10,200	\$900
Importance Code B	\$22,300		\$12,300	
Importance Code C	\$1,200		\$14,600	\$11,200
Total	\$62,900		\$37,100	\$12,100



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.

DEPARTMENT OF TRANSPORTATION - 841
EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER
Asset # : 2915

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE			* *	
Approaches								
Pavement								
Concrete	100%			2036		* *	4	\$29,100
Curbs								
Concrete	100%			LIFE			* *	
Concrete w/ Steel Face	100%			LIFE			* *	
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE			* *	

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

Maintenance \$ are aggregated over a ten-year period. Site 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 Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	**			
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Brick Veneer	100%			LIFE	**			
Masonry	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$1,900	
			<i>Other Observation, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : With Steel Facing</i>					
Railings/Parapets								
Concrete	100%			2036	**	4	\$1,100	
Masonry	100%			2036	**	5	\$1,700	
Steel	100%			LIFE	**	2-8	\$6,100	
Sidewalks								
Asphalt	100%			2025		4		
Concrete	90%			2032	**	5	\$1,300	
Concrete	10%	4+	\$1,200	2032	**	5	\$700	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Concrete	100%			2036	**	5	\$22,500	
			<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
EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER

Asset # : 2915

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural Concrete	100%			LIFE	* *	5	\$8,800	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Spans 1 And 3</i>							
	<i>Explanation : Not Accessible On Spans 1 And 3</i>							
Grating w/ Concrete	100%			LIFE	* *			
Joints								
Steel	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	\$304,200	
	<i>Other Observation, Extent : Light, Area Affected : 30%</i>							
	<i>Location : At Spans 1 And 3</i>							
	<i>Explanation : Not Accessible</i>							
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$337,100	

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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : **FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER**
 Address : **NORTHERN BLVD. X-ING FLUSH. RIV.**
 Borough : **QUEENS** Agency's Number : **N/A**
 Program / Asset # : **DOT0001.020 / 2560** Yr Built/Renovated :
 Area Sq Ft : **78,894** Project Type : **WATERWAY BRIDGES**
 Date of Survey : **02-Jan-2013** Landmark Status : **NONE**
 Areas Surveyed :
 Block : Lot : BIN : **2055802**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,290,200	\$2,935,700
Total	\$1,290,200	\$2,935,700
Importance Code A	\$220,100	\$1,017,600
Importance Code B	\$607,800	\$1,176,800
Importance Code C	\$462,300	\$741,300
Total	\$1,290,200	\$2,935,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$72,800		\$202,700	\$26,500
Total	\$72,800		\$202,700	\$26,500
Importance Code A	\$13,900		\$84,600	\$13,500
Importance Code B	\$22,100		\$118,000	
Importance Code C	\$36,800			\$13,000
Total	\$72,800		\$202,700	\$26,500



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			* *	
Backwall								
Concrete	100%	4+	\$12,500	LIFE			* *	
			<i>Damaged Railing, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Scattered Throughout</i>					
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE			* *	
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE			* *	
Stem (breastwall)								
Concrete	95%			LIFE			* *	
Concrete	5%	4+	\$13,700	LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Both Abutments</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE			* *	
Concrete	10%	4+	\$5,800	LIFE			* *	
			<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>					
Feature Crossed								
Bank Protection								
Concrete	80%			LIFE			* *	
Concrete	20%	4+	\$145,700	LIFE			* *	
			<i>Broken/Missing Elements, 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%							

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Feature Crossed								
Pier Protection								
Timber	100%	Now	\$477,600	LIFE			**	
<i>Broken/Missing Elements, 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	\$403,400	4	\$5,400	
Asphalt	5%	4+	\$4,200	2025	\$21,200	4	\$5,400	
<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		4	\$20,600	**
<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				**
Guide Railing								
Concrete	100%			2033		4	\$11,400	**
Steel	100%			LIFE		2-8		**
Piers								
Cap Beam								
Concrete	90%			LIFE				**
Concrete	10%	4+	\$130,300	LIFE				**
<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		2-8	\$520,900	**
Steel	10%	4+	\$89,800	LIFE		2-8	\$520,900	**
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Concrete	90%			LIFE			**	
Concrete	10%	4+	\$77,300	LIFE			**	
<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			**	
Steel	10%	4+	\$52,800	LIFE			**	
<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			**	
Concrete	3%	4+	\$8,400	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : East And West Ends</i>								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2044			**	
Steel	100%			LIFE		2-8	\$60,900	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE			**	
Deck Elements								
Guide Railing								
Concrete	100%			2037			**	
Mono Deck Surface								
Concrete	95%			2044		5	\$316,700	
Concrete	5%			2044		5	\$316,700	
<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	\$15,600	
Scupper								
Ductile Iron	100%			LIFE			**	
Superstructure								

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER
Asset # : 2560

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	**	5	\$86,800	
Concrete	5%	4+	\$13,900	LIFE	**	5	\$86,800	
<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+	\$14,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$685,500	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,221,800	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : **FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER**
 Address : **NORTHERN BLVD. X-ING FLUSH. RIV.**
 Borough : **QUEENS** Agency's Number : **N/A**
 Program / Asset # : **DOT0001.010 / 2665** Yr Built/Renovated :
 Area Sq Ft : **71,900** Project Type : **WATERWAY BRIDGES**
 Date of Survey : **02-Jan-2013** Landmark Status : **NONE**
 Areas Surveyed :
 Block : Lot : BIN : **2055801**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,175,000	\$3,531,000
Total	\$1,175,000	\$3,531,000
Importance Code A	\$234,700	\$1,231,200
Importance Code B	\$614,800	\$1,740,000
Importance Code C	\$325,600	\$559,800
Total	\$1,175,000	\$3,531,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$92,800	\$7,400	\$282,300	\$2,800
Total	\$92,800	\$7,400	\$282,300	\$2,800
Importance Code A	\$17,100		\$107,800	\$1,400
Importance Code B	\$44,500		\$174,500	
Importance Code C	\$31,200	\$7,400		\$1,300
Total	\$92,800	\$7,400	\$282,300	\$2,800



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			* *	
Backwall								
Concrete	98%			LIFE			* *	
Concrete	2%	4+	\$3,300	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : End Abutment</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE			* *	
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	95%			LIFE			* *	
Generic	5%	4+	\$20,500	LIFE			* *	
<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%							
Pedestals								
Concrete	100%			LIFE			* *	
Stem (breastwall)								
Concrete	95%			LIFE			* *	
Concrete	5%	4+	\$7,400	LIFE			* *	
<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%							
Piles								
Not Accessible	100%							
Walls								
Concrete	2%	4+	\$9,200	LIFE			* *	
<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			* *	
Feature Crossed								

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Feature Crossed								
Bank Protection								
Concrete	85%			LIFE			**	
Concrete	15%	Now	\$10,200	LIFE			**	
<i>Broken/Missing Elements, 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%							
Pier Protection								
Timber	100%	Now	\$440,900	LIFE			**	
<i>Broken/Missing Elements, 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	\$201,700	4	\$2,700	
Asphalt	5%	4+	\$6,400	2025	\$10,600	4	\$2,700	
<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
<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			**	
Guide Railing								
Concrete	100%			2033		4	\$2,900	
Steel	100%			LIFE		2-8		
Sidewalks								
Concrete	95%			LIFE			**	
Concrete	5%	4+	\$2,200	LIFE			**	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam								
Concrete	90%			LIFE			**	
Concrete	10%	4+	\$40,700	LIFE			**	
<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
Steel	10%	4+	\$73,800	LIFE			**	2-8 \$427,900
<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>								
Pier, Columns								
Concrete	10%	4+	\$80,700	LIFE			**	
<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			**	
Steel	90%			LIFE			**	2-8 \$455,900
Steel	10%	4+	\$42,300	LIFE			**	2-8 \$455,900
<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>								
Stem, Solid Pier								
Concrete	90%			LIFE			**	
Concrete	10%	4+	\$50,900	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Brngs, Anchr Blts, Pads								
Elastomeric	100%			2044			**	
Steel	100%			LIFE			**	2-8 \$64,100
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE			**	
Deck Elements								
Guide Railing								
Concrete	100%			2037			**	
Median								
Concrete	100%			LIFE			**	5 \$11,300

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

Maintenance \$ are aggregated over a ten-year period. Site 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
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	
Concrete	10%	4+	\$48,200	2044	**	5	\$173,700	
<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	
Steel	10%	4+	\$120,200	LIFE	**	2-8	\$31,000	
<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	
Scupper								
Ductile Iron	100%			LIFE	**			
Superstructure								
Deck, Structural								
Concrete	5%	4+	\$17,100	LIFE	**	5	\$79,100	
<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	
Joints								
Generic	60%			LIFE	**			
Generic	40%	4+	\$103,700	LIFE	**			
<i>Broken/Missing Elements, 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	
Steel	1%			LIFE	**	2-8	\$611,400	
<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	
Steel	5%	4+	\$16,700	LIFE	**	2-8	\$1,113,500	
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET
Address : BELT SHORE PKWAY(BSP)
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0021.000 / 2452 **Yr Built/Renovated** : 1939 /
Area Sq Ft : 46,446 **Project Type** : WATERWAY BRIDGES
Date of Survey : 03-Aug-2011 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231450

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$47,788,600	\$3,781,000
Total	\$47,788,600	\$3,781,000
Importance Code A	\$24,448,500	\$1,217,500
Importance Code B	\$22,388,800	\$919,400
Importance Code C	\$951,200	\$1,644,100
Total	\$47,788,600	\$3,781,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$84,500	\$25,700	\$188,300	
Total	\$84,500	\$25,700	\$188,300	
Importance Code A	\$35,100		\$95,300	
Importance Code B	\$5,500		\$92,200	
Importance Code C	\$43,800	\$25,700	\$800	
Total	\$84,500	\$25,700	\$188,300	



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

Maintenance \$ are aggregated over a ten-year period. Site 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	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
<hr/>								
Joint with Deck								
Generic	100%	2-4	\$245,700	LIFE				**
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Joint Is Paved Over</i>							
<hr/>								
Mat (scour & erosion)								
Earth	100%	2-4	\$5,500	LIFE				**
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random</i>							
	<i>Explanation : Soil Under The Footing Has Been Eroded</i>							
<hr/>								
Stem (breastwall)								
Concrete	70%			LIFE				**
Concrete	30%	2-4	\$1,049,600	LIFE				**
	<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>							
<hr/>								
Wingwalls								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%	4+	\$1,000	LIFE				**
	<i>Erosion, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random</i>							
<hr/>								
Piles								
Timber	100%			LIFE				**
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Southeast Wingwall</i>							
	<i>Explanation : Visible Due To Erosion</i>							
<hr/>								
Walls								
Concrete	90%			LIFE				**
Concrete	10%	4+	\$89,000	LIFE				**
	<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>							
<hr/>								
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE				**

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Feature Crossed								
Mat (scour & erosion)								
Stream Bed	100%			LIFE			* *	
Pier Protection								
Concrete	100%	4+	\$66,900	LIFE			* *	
	<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	\$85,000	2024	\$850,200	4	\$10,700	
	<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			* *	
Concrete	60%	Now	\$9,300	LIFE			* *	
	<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			* *	
Earth	10%	4+	\$100	LIFE			* *	
	<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	100%	4+	\$6,200	2026	\$124,900	4	\$5,100	
<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	
Steel	20%	2-4	\$3,100	LIFE	**	2-8	\$5,800	
<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	**			
<hr/>								
Pavement Base								
Not Accessible	100%							
<hr/>								
Sidewalks								
Asphalt	90%			2024	\$51,800	4	\$1,500	
Asphalt	10%	4+	\$600	2024	\$5,800	4	\$1,500	
<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	\$3,114,000	LIFE	**			
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Concrete	80%			LIFE				**
Concrete	20%	2-4	\$14,255,400	LIFE				**
<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				**
Concrete	40%	4+	\$6,285,300	LIFE				**
<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	\$373,900	LIFE		**	2-8	\$10,100
<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%							
<hr/>								
Pedestals								
Not Accessible	100%							
<hr/>								
Deck Elements								
Curbs								
Concrete	70%			2043				**
Concrete	30%	Now	\$4,473,200	2043				**
<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				**
Steel	10%	4+	\$47,100	LIFE				**
<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
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	
Steel	10%	4+	\$4,600	LIFE	**	4-8	\$31,500	
<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>								
<hr/>								
Railings/Parapets								
Concrete	90%			2032	**	4	\$4,700	
Concrete	10%	4+	\$11,900	2032	**	4	\$4,700	
<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>								
<hr/>								
Sidewalks								
Concrete	50%			2028	**	5	\$25,300	
Concrete	50%	Now	\$582,900	2028	**	5	\$12,700	
<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>								
<hr/>								
Wearing Surface								
Asphalt	80%			2024	\$589,100	5	\$51,500	
Asphalt	20%	2-4	\$29,500	2024	\$147,300	5	\$25,700	
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random</i>								
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random</i>								
<hr/>								
Superstructure								
Deck,Structural								
Concrete	60%			LIFE	**	5	\$51,100	
Concrete	40%	2-4	\$1,027,700	LIFE	**	5	\$51,100	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Generic	100%	0-2	\$194,400	LIFE		**		
	<i>Loose Joint Plates, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Primary Member								
Concrete	70%			LIFE		**	5	\$29,400
Concrete	30%	2-4	\$1,330,600	LIFE		**	5	\$29,400
	<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
Steel	20%	2-4	\$14,081,900	LIFE		**	2-8	\$858,600
	<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
Steel	20%	2-4	\$485,900	LIFE		**	2-8	\$719,300
	<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.

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Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,315,300	
Bridge Electrical	\$1,078,100	\$193,600
Bridge Mechanical	\$344,400	\$1,987,500
Total	\$2,737,800	\$2,181,100
Importance Code A	\$1,026,500	
Importance Code B	\$1,711,200	\$2,181,100
Total	\$2,737,800	\$2,181,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$36,200		\$5,400	
Bridge Electrical	\$38,400			
Bridge Mechanical	\$51,800			
Total	\$126,300		\$5,400	
Importance Code A			\$200	
Importance Code B	\$90,200			
Importance Code C	\$36,200		\$5,200	
Total	\$126,300		\$5,400	



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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
GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK
Asset # : 13513

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Granite	100%			LIFE			* *	
Backwall								
Concrete	100%			LIFE			* *	
Brngs,Ancr Blts,Pads								
Steel	100%	Now	\$64,400	LIFE			* *	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Beginning And 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%							
Joint with Deck								
Generic	100%			LIFE			* *	
<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%							
Stem (breastwall)								
Masonry: Granite	10%	4+	\$128,600	LIFE			* *	
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Beginning And End Abutments</i>								
<i>Explanation : Masonry Pointing Needed</i>								
Masonry: Granite	90%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE			* *	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Beginning And End Abutments</i>								
<i>Explanation : Masonry Pointing Needed</i>								
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE			* *	
Riprap	100%	4+	\$24,900	LIFE			* *	
<i>Erosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Begin North Side</i>								
Timber	100%			2024				
Mat (scour & erosion)								
Not Accessible	100%							

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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
GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK
Asset # : 13513

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Timber	80%			LIFE	**			
Timber	20%	Now	\$160,100	LIFE	**			
<i>Broken/Missing Elements, 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	\$10,500	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Granite	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8	\$7,500	
Sidewalks								
Concrete	80%			LIFE	**			
Concrete	20%	4+	\$11,300	LIFE	**			
<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+	\$240,500	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Swing Spans 1 And 2</i>								
<i>Explanation : Structural Steel Exhibits Section Loss And Corrosion In Localized Areas.</i>								
Steel	20%	0-2	\$721,600	LIFE	**			
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Swing Spans 1 And 2</i>								
<i>Explanation : Section Loss And Corrosion On Primary And Secondary Members. Sidewalks Severely Deteriorated.</i>								
Steel	70%			LIFE	**			
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%			2018	\$11,800			

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

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DEPARTMENT OF TRANSPORTATION - 841
GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK
Asset # : 13513

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE		* *		
Disconnect Switch								
Generic	100%			2022	\$10,900			
Limit Switch								
Rotary	100%			2018				
Generic	100%	2-4	\$20,000	2044		* *		
<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	\$193,600			
Raceway								
Submarine Control Cables								
Generic	100%			2018	\$322,600			
Wiring								
Generic	100%			2018	\$509,900			
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$41,400	2019	\$138,200			
<i>Broken/Missing Elements, 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	\$6,600	2018	\$65,900			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Roadway Lighting</i>								
<i>Explanation : One Fixture Inoperative</i>								
Generic	20%			2029		* *		

Bridge 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	
Swing								
Center Latch								
Generic	100%	Now	\$10,900	2027	\$109,400			
<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								
Generic	100%			2027	\$1,110,800			

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK
Asset # : 13513

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
End Lift								
Generic	100%	Now	\$72,000	2027	\$239,900			
<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	\$29,300	2039		**		
<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	\$79,900	2064		**		
<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	\$44,300	2027	\$443,000			
<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		**		
Structural Bearings								
Generic	100%	Now	\$5,300	2020	\$106,000			
<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	\$6,300	2033		**		
<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	\$42,200	2027	\$84,400			
<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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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

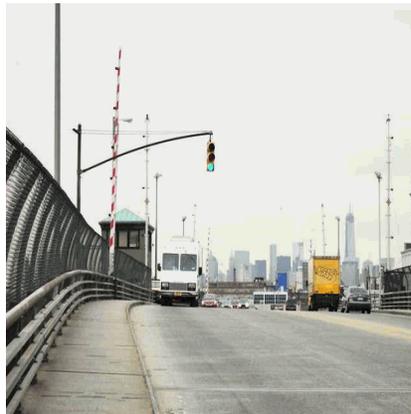
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : **GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**
 Address : **NEW TOWN CREEK, LIRR**
 Borough : **BROOKLYN:QNS.** Agency's Number : **N/A**
 Program / Asset # : **DOT0047.000 / 2500** Yr Built/Renovated : **1927 /**
 Area Sq Ft : **76,106** Project Type : **WATERWAY BRIDGES**
 Date of Survey : **23-Apr-2013** Landmark Status : **NONE**
 Areas Surveyed :
 Block : Lot : BIN : **2240370**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$169,200	\$1,893,600
Bridge Electrical		\$1,142,200
Bridge Mechanical	\$592,100	\$914,200
Total	\$761,300	\$3,949,900
Importance Code A		\$904,800
Importance Code B	\$592,100	\$2,875,900
Importance Code C	\$169,200	\$169,200
Total	\$761,300	\$3,949,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$63,200	\$19,300	\$167,800	\$3,600
Bridge Electrical	\$52,800	\$7,200	\$7,200	\$7,200
Bridge Mechanical	\$101,500		\$71,800	
Total	\$217,600	\$26,500	\$246,800	\$10,700
Importance Code A	\$15,200		\$85,600	
Importance Code B	\$177,600	\$7,200	\$161,200	\$7,200
Importance Code C	\$24,700	\$19,300		\$3,600
Total	\$217,600	\$26,500	\$246,800	\$10,700



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

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

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

DEPARTMENT OF TRANSPORTATION - 841
GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Asset # : 2500

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
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		* *		
Backwall								
Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		* *		
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$23,300	LIFE		* *		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : End Abutment 2 Feet 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		* *		
Stem (breastwall)								
Concrete	100%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Feature Crossed								
Bank Protection								
Sheet Piling	100%			LIFE		* *		
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Approximately 40 Feet To The North Side Of The Bridge</i>								
<i>Explanation : Steel Bulkhead Damaged For 25ft</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE		* *		
<i>Rotted, Extent : Light, Area Affected : 1%</i>								
<i>Location : Starting On The Tops Of Dolphin Piles At Bascule Piers 5 And 6</i>								
<i>Split/Dry/Cracked, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations On Bascule Piers 5 And 6</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
GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Asset # : 2500

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2029	**	4	\$7,100	
<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	\$15,900	2039	**	4	\$26,100	
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Beginning Approach</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$15,200	LIFE	**			
<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		
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Steel	100%			LIFE	**	2-8		
Pier,Columns								
Concrete	100%			LIFE	**			
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$29,500	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Spans 1 - 5 And 7 - 12</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$58,600	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Spans 1 - 5 And 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
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	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 5 And 7 - 12</i>								
<i>Explanation : Only Spans 1 - 5 And 7 - 12</i>								
<hr/>								
Wearing Surface								
Concrete	100%			2039	* *	5	\$338,400	
<hr/>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	\$66,000	
<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>								
<hr/>								
Joints								
Generic	100%	2-4	\$8,800	LIFE	* *			
<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 And 10</i>								
<i>Explanation : Joints Filled With Dirt.</i>								
<hr/>								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$1,530,700	
<hr/>								
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$1,282,300	
<hr/>								
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	* *			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Bascule Span 6</i>								
<i>Explanation : Sidewalk And Roadway Wearing Surface Is New</i>								
<hr/>								
Bascule Span Pier								
Concrete	100%			LIFE	* *			
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Bascule Span Piers 5 And 6</i>								
<i>Explanation : Base Of Trunnion Tower Columns Exhibit Corrosion,</i>								

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Intercom								
Generic	100%	Now	\$14,700	2024	\$14,700			
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Telephone								
Desk Top	100%			2023				
Control System Electrical								
Control Console								
Stainless Steel	100%	4+	\$9,400	LIFE		**		
			<i>Broken/Missing Elements, 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	\$7,600	2029		**		
			<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
Limit Switch								
Generic	100%			2037		**		
Local Starter								
Magnetic	100%			2037		**		
Drive								
Machinery Brake								
Thruster	100%			2050		**	1	\$1,100
Motor Brake								
Thruster	100%			2044		**	1	\$1,100
Span Lock Motor								
Generic	100%			2044		**	1	\$1,100
Electrical Power								
MCC								
Contactors	100%			2037		**		
Panelboard								
Circuit Breaker	100%			2041		**	1	\$6,700
Service Equipment								
Not Accessible	100%							
Transfer Switch								
Not Accessible	100%							
Transformer								
Dry	100%			2037		**		
Exterior Lighting								
Lighting Contactor								
Generic	100%			2037		**	1	\$5,600
Lighting Fixture								
HID	100%			2018				
			<i>Broken/Missing Elements, 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

Bridge Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior Lighting								
Pole								
Steel	100%			2025				
Spot Lighting								
Generic	40%			2018	\$6,400			
Generic	60%	Now	\$1,000	2022	\$9,600			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Areaways</i>								
Ground/Lightning Protection								
Ground Rod								
Not Accessible	100%							
Interior Lighting								
Lighting Fixture								
Fluorescent	100%			2018	\$3,300	1	\$5,600	
HID	100%			2022	\$3,300			
Incandescent	100%			2018	\$3,300			
Wiring Device								
Generic	100%			2029	* *			
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2019				
Span Lighting								
Incandescent	100%			2019		1	\$2,300	
Raceway								
Box								
Pull Junction	100%			2024		1	\$6,700	
Terminal	100%			2029	* *	1	\$2,300	
Communications								
Twisted Shielded pair	100%			2023				
Conduit								
Metal	100%			2052	* *			
Submarine Control Cables								
Generic	100%			2025	\$1,142,200			
Submarine Power Cable								
Generic	100%			2025				
Trough								
Metal	100%			2059	* *	1	\$1,100	
Wires								
Thermoplastic	100%			2029	* *			
Span Lock								
Motor								
Squirrel Cage	100%			2027				
Stand-by Power								
Transfer Switch								
Not Accessible	100%							
Traffic System Electrical								
Traffic Gate Lighting								
Incandescent	100%			2019		1	\$1,100	

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

Traffic System Electrical

Traffic Gong Generic	100%			2019		1	\$600	
Traffic Signal Generic	100%			2022		1	\$600	

Bridge 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	

Bascule

Counter Weight Generic	100%	2-4	\$51,100	2052	**	2	\$71,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Counterweights</i>								
<i>Explanation : Some Corrosion Present</i>								

Houses

Access Ways	100%	Now	\$25,300	2027	\$253,100			
<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 And Northeast</i>								
Control House	100%	Now	\$57,100	2039	**			
<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	\$35,100	2052	**			
<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	\$108,800	2033	**			
<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	\$242,800	2052	**	2	\$215,500	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Operating Machinery</i>								
<i>Explanation : Oil Leakage. Components Are Corroding And Coupling Gaskets Are Deteriorating. Southwest Differential Makes Atypical Noise</i>								

Rack

Generic	100%	Now	\$29,300	2052	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Racks</i>								
<i>Explanation : Some Corrosion On Supports And Fasteners.</i>								

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DEPARTMENT OF TRANSPORTATION - 841
GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Asset # : 2500

Bridge 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	
Bascule								
Structural Bearings								
Generic	100%	Now	\$1,200	2033			* *	
<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>								
Traffic Devices								
Barrier Gate	100%	Now	\$20,400	2027	\$408,000			
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : Vehicle Restraint System Requires Repair. Broken/ Missing Hardware And Locks On Some Gates.</i>								
Warning Gate	100%	Now	\$25,300	2027	\$253,100			
<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>								
Trunnion								
Generic	100%	Now	\$97,300	2052			* *	
<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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Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 04-Feb-2015 Landmark Status : NONE
 Areas Surveyed :
 Block : Lot : BIN : 2240232

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,026,700	\$2,711,000
Total	\$1,026,700	\$2,711,000
Importance Code A		\$112,600
Importance Code B	\$517,200	
Importance Code C	\$509,600	\$2,598,400
Total	\$1,026,700	\$2,711,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$29,000	\$4,800	\$8,900	
Bridge Electrical	\$42,000	\$6,600	\$6,600	\$6,600
Bridge Mechanical	\$104,400	\$18,000	\$53,900	\$18,000
Total	\$175,300	\$29,300	\$69,400	\$24,500
Importance Code A			\$8,500	
Importance Code B	\$146,300	\$24,500	\$60,800	\$24,500
Importance Code C	\$29,000	\$4,800		
Total	\$175,300	\$29,300	\$69,400	\$24,500



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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE			* *	
Backwall Concrete	100%			LIFE			* *	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : End Abutment Only</i>					
			<i>Explanation : Backwall</i>					
Brngs,Ancr Blts,Pads Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : End Abutment Only</i>					
			<i>Explanation : Bearings not accessible</i>					
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Stem (breastwall) Concrete	100%	4+	\$517,200	LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : End Abutment</i>					
Masonry: Granite	100%			LIFE			* *	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Begin Abutment</i>					
			<i>Explanation : Begin Abutment</i>					
Walls Concrete	100%			LIFE			* *	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Span 3</i>					
			<i>Explanation : Walls Enclose Span 3</i>					
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE			* *	
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE			* *	
Feature Crossed								
Bank Protection Concrete	100%			LIFE			* *	
Timber	50%			2026	\$1,205,000			
Timber	50%	Now	\$361,500	2026	\$1,205,000			
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>					
			<i>Location : Begin Abutment Right Side.</i>					
Mat (scour & erosion) Not Accessible	100%							

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Timber	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Piers 1 And 2.</i>						
		<i>Explanation : Piers 1 And 2.</i>						
Approaches								
Pavement								
Asphalt	100%			2030	**	4	\$87,000	
Concrete	100%			2039	**	4		
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8	\$26,200	
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8		
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$11,100	
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Pier 2</i>						
		<i>Explanation : Steel Columns Support Bascule Girders.</i>						
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$6,900	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Deck Elements								
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**			
Median								
Cobblestone	100%			2052	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$8,500	
Sidewalks								
Concrete	100%			2034	**	5	\$9,600	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Asphalt	100%			2030	**	5	\$139,200	
Concrete	100%			2039	**	5	\$156,900	
Steel Grating	100%			LIFE	**	5	\$40,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Steel Grating In Bascule Span.</i>								
<hr/>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$8,000	
Steel Grating	100%			LIFE	**	5	\$40,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Steel Grating In Bascule Span.</i>								
<hr/>								
Joints								
Steel	100%			LIFE	**			
<hr/>								
Primary Member								
Concrete	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 1</i>								
<i>Explanation : Concrete Ribbed Arches.</i>								
Steel	100%			LIFE	**	2-8	\$135,000	
<hr/>								
Secondary Member								
Concrete	100%			LIFE	**	5		
<hr/>								
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	**			
<hr/>								
Bascule Span Pier								
Concrete	100%			LIFE	**			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Intercom								
Generic	100%			2026	\$18,400			
<hr/>								
Telephone								
Desk Top	100%			2026	\$300			
<hr/>								
Jack								
Telephone	100%			2026	\$200			
<hr/>								
Control System Electrical								
Computer								
PLC	100%	Now	\$7,600	2026	\$25,300			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Plc In Operators Room</i>								
<i>Explanation : Gate Group Raise Not Functioning</i>								

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	**			
Control Devices								
Relay	100%			2046	**			
Disconnect Switch								
Non Fused	100%			2046	**	1	\$35,900	
Limit Switch								
Rotary	100%			2026				
Local Starter								
Magnetic	100%			2046	**			
Drive								
Grating Motor								
Generic	100%			2056	**			
Machinery Brake								
Thruster	100%			2056	**	1	\$1,100	
Motor Brake								
Thruster	100%			2056	**	1	\$1,100	
Span Lock Motor								
Generic	100%			2056	**	1	\$600	
Electrical Power								
Panelboard								
Circuit Breaker	100%			2046	**	1	\$6,700	
Service Equipment								
Circuit Breaker	100%			2046	**			
Transfer Switch								
Auto	100%			2046	**			
Exterior Lighting								
Spot Lighting								
Generic	100%			2026	\$20,800			
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2031	**			
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2031	**			
Navigation Lighting								
Pier Lighting								
Incandescent	100%			2026	\$6,000	1	\$4,500	
Span Lighting								
Incandescent	100%	Now	\$2,300	2026	\$11,400	1	\$2,000	
		<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%			2036	**	1	\$4,500	

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Raceway									
Conduit									
Metal	100%			2066	** *				
Submarine Control Cables									
Control	100%			2031	** *				
Submarine Power Cable									
Power	100%			2031	** *				
Trough									
Metal	100%			2066	** *	1	\$1,100		
Wires									
Thermoplastic	100%			2046	** *				
Span Lock									
Motor									
Squirrel Cage	100%			2041	** *				
Stand-by Power									
Generator									
Diesel	100%	Now	\$15,500	2046	** *	1	\$4,000		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
			<i>Location : Generator House</i>						
			<i>Explanation : Generator Not Functioning</i>						
Transfer Switch									
Auto	100%			2046	** *				
Traffic System Electrical									
Barrier Gate Lighting									
Incandescent	100%			2026	\$14,800	1	\$1,100		
Traffic Gate Lighting									
Incandescent	100%	Now	\$300	2026	\$14,800	1	\$1,000		
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
			<i>Location : Se Warning Gate</i>						
			<i>Explanation : Flashing Light Out</i>						
Traffic Gong									
Generic	100%			2026	\$15,600	1	\$600		
Traffic Sign									
Fixed	100%			2026					
Traffic Signal									
Generic	100%			2026	\$2,700	1	\$600		
Lighting									
Lighting Devices									
Generic	100%	Now	\$10,600	2031	** *				
			<i>Other Observation, Extent : Light, Area Affected : 25%</i>						
			<i>Location : Various Locations</i>						
			<i>Explanation : Exit Lighting Did Not Function When Tested With Button On Unit.</i>						

Bridge 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	Priority

Bascule

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF

Asset # : 13434

Bridge 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	Priority
Bascule								
Counter Weight								
Generic	100%			2061	**	2	\$44,900	
Emergency Drive								
Emergency Power	100%	Now	\$7,100	2061	**	2	\$71,800	
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Hpu And Control Rooms</i>								
<i>Explanation : Operation Was Not Observed. Check Operation And For The Presence Of Exhaust Gas In Control Tower. Missing Handle Locks</i>								
Fuel Tanks								
Generic	100%			2043	**			
Houses								
Access Ways	100%	Now	\$2,100	2039	**			
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Access Ways, Sump Pump Room And Cwt Pits</i>								
<i>Explanation : Hatches Leak. Locking Pin For Swing Platform, Sump Pump Stairs Needs Repairs. Loose Hardware And Chains. Missing Grates.</i>								
Control House	100%	Now	\$25,600	2061	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Control House</i>								
<i>Explanation : Leaky Windows And Doors, Permanent Shades Required. Alarms, Sewer Pump, Heating And Water Supply Require Repairs.</i>								
Machinery Room	100%	Now	\$4,400	2061	**			
<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	60%	Now	\$21,800	2039	**	2	\$35,900	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Lock Bars</i>								
<i>Explanation : Some Coverage Of Debris. Missing Single And/or Double Nuts. Brake Release Pulled. Minor Adj. Required.</i>								
With Motor	40%			2039	**	2	\$44,900	
Main Drive System								
Generic	100%	Now	\$19,500	2061	**	2	\$107,800	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Machine Room</i>								
<i>Explanation : Breathers Will Need To Be Changed Soon. Some Minor Leaks And Machinery Covers Removed.</i>								
Rack								
Generic	100%			2061	**			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Racks</i>								
<i>Explanation : Some Surface Corrosion And Debris Buildup On Interior Of Rack And Support.</i>								

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF

Asset # : 13434

Bridge 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	
Bascule								
Structural Bearings Generic	100%	Now	\$5,500	2039		*	*	
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Cwt Pit</i>								
<i>Explanation : Bumper Block Wood Is Splitting.</i>								
Traffic Devices								
Barrier Gate	100%	Now	\$18,300	2039		*	*	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : Some Doors And Hardware Damaged</i>								
Warning Gate	100%			2039		*	*	
Trunnion								
Generic	100%			2061		*	*	

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Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 04-Feb-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240231

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$191,600	\$1,014,300
Bridge Electrical		\$175,400
Bridge Mechanical	\$103,800	
Total	\$295,500	\$1,189,700
Importance Code A		\$467,900
Importance Code B	\$103,800	\$603,000
Importance Code C	\$191,600	\$118,800
Total	\$295,500	\$1,189,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$41,100	\$4,800	\$95,200	
Bridge Electrical	\$46,900	\$6,600	\$6,600	\$6,600
Bridge Mechanical	\$123,900	\$44,900	\$53,900	\$44,900
Total	\$211,800	\$56,300	\$155,600	\$51,500
Importance Code A			\$44,200	
Importance Code B	\$170,800	\$51,500	\$103,700	\$51,500
Importance Code C	\$41,100	\$4,800	\$7,700	
Total	\$211,800	\$56,300	\$155,600	\$51,500



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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF

Asset # : 4217

Bridge Structure	Current Repair		Future Replacement		Maintenance			
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		* *		
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : End Abutment</i>							
	<i>Explanation : Concrete Bridge Seat.</i>							
Backwall								
Concrete	100%			LIFE		* *		
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : End Abutment</i>							
	<i>Explanation : End Abutment</i>							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : End Abutment Only.</i>							
	<i>Explanation : Bearings Not Accessible</i>							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE		* *		
Masonry: Granite	100%			LIFE		* *		
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Begin Abutment</i>							
	<i>Explanation : Begin Abutment</i>							
Walls								
Concrete	100%			LIFE		* *		
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Span 3</i>							
	<i>Explanation : Walls Enclose Span 3</i>							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		* *		
Feature Crossed								

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF

Asset # : 4217

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Bank Protection								
Riprap	100%	4+	\$113,200	LIFE		**		
<i>Erosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Begin Abutment Left Side</i>								
Sheet Piling	100%			LIFE		**		
Timber	90%			2031		**		
Timber	10%	Now	\$12,100	2031		**		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : End Abutment Left Side</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1 And 2.</i>								
<i>Explanation : Piers 1 And 2.</i>								
Approaches								
Pavement								
Asphalt	100%			2030		**	4	\$87,000
Concrete	100%			2039		**	4	
Curbs								
Steel	100%			LIFE		**		
Guide Railing								
Steel	100%			LIFE		**	2-8	\$26,200
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE		**		
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	
Pier,Columns								
Steel	100%			LIFE		**	2-8	\$11,100
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Pier 2</i>								
<i>Explanation : Steel Columns For Bascule Span.</i>								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**	2-8	\$6,900
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF

Asset # : 4217

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1 And 2.</i>								
<i>Explanation : Concrete Pedestals For Span 2 At Pier 1 Bearings And For Span 3 At Pier 2 Bearings.</i>								
Deck Elements								
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**			
Median								
Cobblestone	100%			2052	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$8,500	
Sidewalks								
Concrete	100%			2034	**	5	\$9,600	
Wearing Surface								
Asphalt	100%			2030	**	5	\$15,500	
Concrete	100%			2039	**	5	\$156,900	
Steel Grating	100%			LIFE	**	5	\$40,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Steel Grating In Bascule Span.</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$3,300	
Steel Grating	100%			LIFE	**	5	\$40,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Steel Grating In Bascule Span.</i>								
Joints								
Steel	100%			LIFE	**			
Primary Member								
Concrete	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 1</i>								
<i>Explanation : Concrete Ribbed Arch.</i>								
Steel	100%			LIFE	**	2-8	\$798,600	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$669,000	
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	**			
Bascule Span Pier								
Concrete	100%			LIFE	**			

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF

Asset # : 4217

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%			2026	\$35,300			
Control System Electrical								
Computer								
PLC	100%	Now	\$7,600	2026	\$25,300			
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Plc In Control Room</i>						
		<i>Explanation : Gate Group Raise Not Functioning.</i>						
Control Console								
Stainless Steel	100%			LIFE		* *		
Control Devices								
Relay	100%			2046		* *		
Disconnect Switch								
Non Fused	100%			2046		* *	1	\$35,900
Limit Switch								
Rotary	100%			2026				
Local Starter								
Magnetic	100%			2046		* *		
Drive								
Grating Motor								
Generic	100%			2056		* *		
		<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%			2056		* *	1	\$1,100
Motor Brake								
Thruster	100%			2056		* *	1	\$1,100
Span Lock Motor								
Generic	100%			2056		* *	1	\$600
Electrical Power								
Panelboard								
Circuit Breaker	100%			2046		* *	1	\$6,700
Service Equipment								
Circuit Breaker	100%			2046		* *		
Transfer Switch								
Auto	100%			2046		* *		
Exterior Lighting								
Spot Lighting								
Generic	100%			2026				
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2031		* *		
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2031		* *		

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF

Asset # : 4217

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Navigation Lighting								
Pier Lighting								
Incandescent	100%	Now	\$300	2026	\$6,000	1	\$4,000	
<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	\$2,300	2026	\$11,400	1	\$2,000	
<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%			2036	**	1	\$4,500	
Conduit								
Metal	100%			2066	**			
Submarine Control Cables								
Control	100%			2031	**			
Submarine Power Cable								
Power	100%			2031	**			
Trough								
Metal	100%			2066	**	1	\$1,100	
Wires								
Thermoplastic	100%			2046	**			
Span Lock								
Motor								
Squirrel Cage	100%			2041	**			
Stand-by Power								
Generator								
Diesel	100%	Now	\$15,500	2046	**	1	\$4,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator House</i>								
<i>Explanation : Generator Not Functioning</i>								
Transfer Switch								
Auto	100%			2046	**			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2026		1	\$1,100	
Traffic Gate Lighting								
Incandescent	100%			2026		1	\$1,100	
Traffic Gong								
Generic	100%			2026		1	\$600	
Traffic Sign								
Fixed	100%			2026				
Traffic Signal								
Generic	100%			2026	\$140,100	1	\$600	
Lighting								

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**DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**

Asset # : 4217

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

Lighting

Lighting Devices

Generic

50% Now \$5,300 2031 * *

*Other Observation, Extent : Light, Area Affected : 25%**Location : Various Locations**Explanation : Bridge Service Lighting Has Some Fixtures That Are Not Working.*

Generic

50% Now \$10,600 2031 * *

*Other Observation, Extent : Light, Area Affected : 40%**Location : Various Locations**Explanation : Some Emergency Exit Lights Do Not Work When Tested Using The Test Function On Unit.*

Bridge 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	Priority

Bascule

Counter Weight

Generic

100% 2061 * * 2 \$44,900

Emergency Drive

Emergency Power

100% Now \$20,300 2061 * * 2 \$71,800

*Other Observation, Extent : Severe, Area Affected : 5%**Location : Hpu And Control Rooms**Explanation : Operation Was Not Observed. Check Operation And For The Presence Of Exhaust Gas In Control Tower. Missing Handle Locks.*

Fuel Tanks

Generic

100% 2043 * *

Houses

Access Ways

100% Now \$10,900 2039 * *

*Other Observation, Extent : Moderate, Area Affected : 2%**Location : Access Ways, Sump Pump Room And Cwt Pits**Explanation : Hatches Leak. Sump Pump Stairs Needs Repairs. Loose Hardware And Chains. Missing Grates.*

Control House

100% Now \$27,700 2061 * *

*Other Observation, Extent : Light, Area Affected : 2%**Location : Control House**Explanation : Leaky Windows And Doors. Permanent Shades Required. Alarms, Sewer Pump, Heating And Water Supply Require Repairs.*

Machinery Room

100% Now \$8,800 2061 * *

*Other Observation, Extent : Light, Area Affected : 2%**Location : Machine Room**Explanation : Some Water Leakage Into Room*

Lock Bars

With Motor

65% 0-2 \$16,700 2039 * * 2 \$35,900

*Other Observation, Extent : Moderate, Area Affected : 10%**Location : West Locks**Explanation : Some Coverage Of Debris. Missing Single And/or Double Nuts. Minor Adj. Required.*

With Motor

35% 2039 * * 2 \$44,900

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF

Asset # : 4217

Bridge 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	
Bascule								
Main Drive System								
Generic	30%	Now	\$20,400	2061	* *	2	\$107,800	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Machine Room</i>								
<i>Explanation : Breathers Will Need To Be Changed Soon. Some Minor Leaks And Machinery Covers Removed.</i>								
Generic	70%			2061	* *	2	\$134,700	
Rack								
Generic	100%			2061	* *			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Racks</i>								
<i>Explanation : Some Surface Corrosion And Debris Buildup On Interior Of Rack And Support.</i>								
Structural Bearings								
Generic	75%	Now	\$8,700	2041	* *			
<i>Other Observation, Extent : Moderate, 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 Not Seated.</i>								
Generic	25%			2039	* *			
Traffic Devices								
Barrier Gate								
Barrier Gate	60%	Now	\$103,800	2039	* *			
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : Oncoming Gate Not Functioning And Has Crack In Arm Weld. Off Going Gate Has Missing Arm Bolt.</i>								
Barrier Gate	40%			2039	* *			
Warning Gate	100%			2039	* *			
Trunnion								
Generic	25%	Now	\$10,300	2061	* *			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Trunnions</i>								
<i>Explanation : Missing Or Broken Grease Fittings.</i>								
Generic	75%			2061	* *			

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS
 Address : HUNTERS POINT AVE.
 Borough : QUEENS Agency's Number : N/A
 Program / Asset # : DOT0178.000 / 13712 Yr Built/Renovated :
 Area Sq Ft : 11,544 Project Type : WATERWAY BRIDGES
 Date of Survey : 08-Apr-2009 Landmark Status : NONE
 Areas Surveyed :
 Block : Lot : BIN : 2240450

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$512,100	\$414,600
Bridge Electrical	\$244,200	\$97,400
Bridge Mechanical	\$531,800	\$253,100
Total	\$1,288,000	\$765,000
Importance Code A		\$114,300
Importance Code B	\$1,288,000	\$464,700
Importance Code C		\$186,100
Total	\$1,288,000	\$765,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$10,800	\$33,100	\$26,500	\$300
Bridge Electrical	\$5,300			
Bridge Mechanical	\$7,800			
Total	\$23,800	\$33,100	\$26,500	\$300
Importance Code A	\$100		\$11,900	
Importance Code B	\$13,100		\$11,500	
Importance Code C	\$10,600	\$33,100	\$3,200	\$300
Total	\$23,800	\$33,100	\$26,500	\$300



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

Maintenance \$ are aggregated over a ten-year period. Site 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 Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Steel	100%			LIFE			* *	
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Begin And End Abutment</i>							
	<i>Explanation : Debris On Bridge Seat.</i>							
Backwall Concrete	100%			LIFE			* *	
Brngs,Ancr Blts,Pads Steel	100%			LIFE			* *	
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Begin And End Abutment.</i>							
	<i>Explanation : Debris On Bearings.</i>							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	Now	\$111,700	LIFE			* *	
	<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Begin And End Abutment</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Begin And End Abutment</i>							
	<i>Explanation : Joint Sealer Cracked And Allows Water And Debris On Bridge Seat.</i>							
Pedestals Concrete	100%			LIFE			* *	
Stem (breastwall) Concrete	100%			LIFE			* *	
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Riprap	100%			LIFE			* *	
Piles Not Accessible	100%							
Walls Masonry: Stone	100%			LIFE			* *	
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : All 4 Wingwalls</i>							
	<i>Explanation : Efflorescence Located On The Wingwalls</i>							
Feature Crossed								
Bank Protection Riprap	100%	4+	\$600	LIFE			* *	
	<i>Erosion, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Begin Abut. Left Side Embankment.</i>							
Mat (scour & erosion) Stream Bed	100%			LIFE			* *	

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

DEPARTMENT OF TRANSPORTATION - 841
HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS
Asset # : 13712

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Feature Crossed								
Pier Protection								
Timber	100%	4+	\$400,300	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Pier 1 And Bascule Pier 2</i>								
<i>Rotted, Extent : Light, Area Affected : 20%</i>								
<i>Location : Both Piers</i>								
Approaches								
Pavement								
Concrete	100%			2029		**	4	\$600
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Sidewalks								
Concrete	100%	4+	\$500	LIFE		**		
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
Piers								
Stem,Solid Pier								
Masonry	100%			LIFE		**		
<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
<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
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$9,600
Sidewalks								
Concrete	100%			2025	\$186,100		5	\$6,400

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

DEPARTMENT OF TRANSPORTATION - 841
HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS
Asset # : 13712

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	90%			2029	**	5	\$66,200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 And 4.</i>								
<i>Explanation : Conc. Wearing Surface In Spans 1, 3 And 4.</i>								
Concrete	10%	4+	\$9,500	2029	**	5	\$33,100	
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Spans 1 And 4</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$12,700	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3, And 4</i>								
<i>Explanation : Located In Spans 1, 3, And 4</i>								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$213,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 And 4.</i>								
<i>Explanation : Located In Spans 1, 3 And 4.</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$178,800	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 And 4.</i>								
<i>Explanation : Located In Spans 1, 3 And 4.</i>								
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	**			
Bascule Span Pier								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Piers 2 And 3</i>								
<i>Explanation : Fine Vertical Cracks</i>								

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	\$700	2019	\$35,300			
<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								

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS
Asset # : 13712

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$700	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Indication Lights</i>								
<i>Explanation : The Indication Lights Need Replacement/relamping.</i>								
<hr/>								
Disconnect Switch								
Generic	100%			2040		**		
<hr/>								
Limit Switch								
Generic	100%			2040		**		
<hr/>								
Electrical Power								
Transfer Switch								
Auto	100%	4+	\$1,900	2040		**		
<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>								
<hr/>								
Transformer								
Dry	100%			2040		**		
<hr/>								
Heating								
Generic	100%			2040		**		
<hr/>								
Dist Equip & Motor Control								
Generic	100%			2040		**		
<hr/>								
Raceway								
Submarine Control Cables								
Generic	100%			2024				
<hr/>								
Wiring								
Generic	100%			2025				
<hr/>								
Stand-by Power								
Generator								
Natural Gas	100%	Now	\$35,500	2033		**		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Generator Is Inoperable</i>								
<hr/>								
Traffic System Electrical								
Traffic Signal								
Generic	100%			2019	\$173,300			
<hr/>								
Lighting								
Lighting Devices								
Generic	100%	Now	\$1,900	2025	\$97,400			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Navigation Lighting</i>								
<i>Explanation : Several Navigational Lights Need Relamping.</i>								

Bridge 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	Priority

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Counter Weight								
Generic	100%			2055			* *	
Emergency Drive								
Emergency Power	100%	Now	\$35,900	2035			* *	
		<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	\$35,800	2029			* *	
		<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	\$104,400	2048			* *	
		<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			* *	
Lock Bars								
With Motor	50%	Now	\$25,700	2029			* *	
		<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	\$128,300	2029			* *	
		<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	\$124,300	2055			* *	
		<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			* *	
Structural Bearings								
Generic	50%	Now	\$7,800	2033			* *	
		<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			* *	
		<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			* *	

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

DEPARTMENT OF TRANSPORTATION - 841
HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS
Asset # : 13712

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Traffic Devices								
Barrier Gate	100%	Now	\$77,500	2029				* *
<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	\$253,100			

*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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 24-Feb-2015 Landmark Status : NONE
 Areas Surveyed :
 Block : Lot : BIN : 2075859

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$623,200	\$1,374,300
Bridge Electrical	\$53,000	\$2,577,800
Bridge Mechanical	\$566,500	\$947,700
Total	\$1,242,700	\$4,899,900
Importance Code A	\$477,400	\$598,100
Importance Code B	\$619,500	\$4,155,900
Importance Code C	\$145,800	\$145,800
Total	\$1,242,700	\$4,899,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$16,200	\$24,000	\$114,400	
Bridge Electrical	\$13,100			\$29,600
Bridge Mechanical	\$71,900			
Total	\$101,200	\$24,000	\$114,400	\$29,600
Importance Code A	\$300		\$51,200	
Importance Code B	\$89,100		\$63,200	\$29,600
Importance Code C	\$11,900	\$24,000		
Total	\$101,200	\$24,000	\$114,400	\$29,600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			* *	
Backwall								
Concrete	100%			LIFE			* *	
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE			* *	
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Earth	100%	4+	\$4,000	LIFE			* *	
			<i>Erosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : End Abutment Drainage</i>					
Generic	100%			LIFE			* *	
Pedestals								
Concrete	100%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Brick Veneer	10%	4+	\$500	LIFE			* *	
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Areas Of Wingwalls</i>					
			<i>Explanation : Efflorescence</i>					
Brick Veneer	90%			LIFE			* *	
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Concrete	100%			LIFE			* *	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Piers 4 And 5.</i>					
			<i>Explanation : Granite Block Facade</i>					
Timber	100%			LIFE			* *	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Piers 2 And 3.</i>					
			<i>Explanation : Piers 2 And 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	80%			2030	**	4	\$14,500	
Asphalt	20%	4+	\$5,800	2030	**	4	\$9,700	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Approach</i>								
Concrete	100%			2039	**	4	\$54,800	
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	90%			LIFE	**	2-8	\$5,500	
Steel	10%	Now	\$300	LIFE	**	2-8	\$5,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Side - South (begin) Approach.</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Asphalt	100%			2030	**	4	\$2,400	
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 7.</i>								
<i>Explanation : Sidewalk On West Side Only</i>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$36,600	
Pier,Columns								
Brick Veneer	100%			LIFE	**			
Concrete	100%			LIFE	**			
Granite	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 4, 5, 6.</i>								
<i>Explanation : Granite At Base.</i>								
Steel	100%			LIFE	**	2-8	\$92,200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 2 And 3.</i>								
<i>Explanation : Steel Columns Encased In Concrete.</i>								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 2 And 3.</i>								
<i>Explanation : Solid Concrete Stem.</i>								

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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2052	**			
Steel	100%	4+	\$58,000	LIFE	**	2-8	\$8,200	
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Piers 2 And 3</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$10,100	
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$65,700	
Sidewalks								
Concrete	100%			2034	**	5	\$11,400	
Wearing Surface								
Concrete	100%			2039	**	5	\$291,700	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 2, 4 - 7.</i>								
<i>Explanation : Concrete Wearing Surface.</i>								
Steel Grating	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 3</i>								
<i>Explanation : Bascule Span Steel Grating.</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$53,200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 2, 4 - 7.</i>								
<i>Explanation : Concrete Deck.</i>								
Grating w/ Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2 And 4.</i>								
<i>Explanation : Half The Spans Have Grating With Concrete.</i>								
Steel Grating	100%			LIFE	**	5	\$58,200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 3</i>								
<i>Explanation : Steel Grating Deck.</i>								

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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$868,800	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 2 And 4 - 7.</i>								
<i>Explanation : Structural Steel</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$936,200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1. 2 And 4 - 7.</i>								
<i>Explanation : Structural Steel</i>								
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	**			
Steel	10%	Now	\$376,200	LIFE	**			
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Span 3</i>								
<i>Explanation : Based On Bien. Insp. Flags, Holes In Stringer And Purlins. Not Accessible Maybe Repaired.</i>								
Bascule Span Pier								
Concrete	95%			LIFE	**			
Concrete	5%	4+	\$43,300	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : North Leaf At Pier 3</i>								
<i>Explanation : Cracking Of Concrete At Trunnion Bearing Pedestal.</i>								

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%			2024	\$14,700			
Telephone								
Desk Top	100%			2024				
Control System Electrical								
Control Console								
Generic	100%			2039	**			
Control Devices								
Relay	100%			2031	**			
Disconnect Switch								
Generic	100%			2039	**			
Limit Switch								
Generic	100%	Now	\$2,000	2024	\$97,500			
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Northwest Pier Below Machine Room</i>								
<i>Explanation : Nw And Sw Fully Seated Limit Switches Stick.</i>								

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DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER
Asset # : 4269

Bridge Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Electrical Power								
Transfer Switch								
Auto	100%	2-4	\$11,200	2031			* *	
	<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%			2031			* *	
Heating								
Generic	100%			2031			* *	
Dist Equip & Motor Controll								
Generic	100%			2031			* *	
Navigation Lighting								
Pier Lighting								
Incandescent	100%			2024				
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : North And South Pier.</i>							
	<i>Explanation : North And South Pier Each Have 1 Pier Light Out.</i>							
Span Lighting								
Incandescent	100%			2021				
Raceway								
Conduit								
Metal	90%	4+	\$53,000	2066			* *	
	<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Below Machine Rooms</i>							
	<i>Explanation : Conduits Corroding</i>							
Metal	10%			2041			* *	
Submarine Control Cables								
Generic	100%			2024	\$835,300			
Submarine Power Cable								
Power	100%			2024				
Wiring								
Generic	100%			2027	\$1,539,400			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2021	\$14,800			
Traffic Gate Lighting								
Incandescent	100%			2021	\$14,800			
Traffic Gong								
Not Accessible	100%							
Lighting								
Lighting Devices								
Generic	100%			2024	\$105,600			

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DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER
Asset # : 4269

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Bascule								
Counter Weight								
Not Accessible	100%							
Emergency Drive								
Emergency Power	100%	Now	\$4,900	2041			* *	
	<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : All Machine Rooms</i>							
	<i>Explanation : No Operation Observed. Emergency Drive Was Reported Not To Have Been Run In A Long Time, Should Be Tested.</i>							
Houses								
Access Ways	100%	Now	\$12,100	2029			* *	
	<i>Other Observation, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Access Ways (only North Accessible)</i>							
	<i>Explanation : Some Doors Do Not Close Properly. Open Pier Area Behind Inboard Trunnions.</i>							
Auxiliary	100%	Now	\$14,100	2029			* *	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : South Auxiliary House, Not Accessible</i>							
	<i>Explanation : Leaky Door Reported</i>							
Control House	100%	Now	\$52,200	2041			* *	
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Control House</i>							
	<i>Explanation : Leaky Door. Exhaust Fan Non-functioning Bathroom Locked And Not Functioning. Heat And Ac In Top Of Control House Only</i>							
Machinery Room	100%	Now	\$8,800	2041			* *	
	<i>Other Observation, Extent : Light, Area Affected : 60%</i>							
	<i>Location : Machine Rooms (Only North Accessible)</i>							
	<i>Explanation : Water Observed In Some Rooms. Some Doors Do Not Close Properly.</i>							
Lock Bars								
With Motor	100%	Now	\$221,100	2029			* *	
	<i>Other Observation, Extent : Severe, Area Affected : 60%</i>							
	<i>Location : Lock Bars (Only Observed From Sidewalk, Machinery Not Accessible)</i>							
	<i>Explanation : No Operation Observed. Movement Of Spans Observed From Sidewalk, May Require Adjustments. One Lock Not Working.</i>							
Main Drive System								
Generic	100%	4+	\$100,300	2041			* *	
	<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>							
	<i>Location : North Machine Rooms (South Machine Rooms Not Accessible)</i>							
	<i>Explanation : Operation Not Observed. Some Corrosion, Lubricant Leakage And Possible Contamination. Brake Adjustments May Be Required.</i>							
Rack								
Generic	60%	0-2	\$63,300	2041			* *	
	<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>							
	<i>Location : Racks</i>							
	<i>Explanation : No Operation Observed. Only North Racks Accessible. Corrosion Of Some Surfaces And Bolts.</i>							
Generic	40%			2041			* *	
Structural Bearings								
Not Accessible	100%							

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DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER
Asset # : 4269

Bridge Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Traffic Devices								
Barrier Gate	100%	Now	\$65,600	2022	\$655,900			
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : No Operation Observed. Only Observed From Sidewalk. Broken Or Missing Light Covers, Handles And Locks. Open Areas.</i>								
Signals	100%	Now	\$2,900	2029		* *		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Traffic Signal Missing Visor.</i>								
Warning Gate	100%	Now	\$29,200	2022	\$291,800			
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Warning Gates</i>								
<i>Explanation : No Operation Observed. Only Observed From Sidewalk. Some Broken Or Missing Guy Wires, Light Covers, Handles And Locks.</i>								
Trunnion								
Generic	100%	Now	\$64,000	2041		* *		
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Trunnion Bearings</i>								
<i>Explanation : No Operation Observed. Only Some North Brgs Accessible. Some Debris And Corrosion. Some Catch Troughs Filled Of Debris.</i>								

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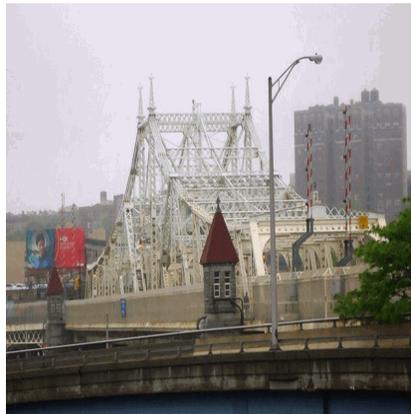
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : **MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**
Address : **E.155 ST. AND 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**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$3,659,500	\$6,435,100
Total	\$3,659,500	\$6,435,100
Importance Code A	\$1,780,000	\$3,142,900
Importance Code B	\$1,879,600	\$3,185,100
Importance Code C		\$107,100
Total	\$3,659,500	\$6,435,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$17,000		\$623,200	
Bridge Electrical	\$17,400	\$7,500	\$7,500	\$35,100
Bridge Mechanical	\$105,100	\$26,900	\$53,900	\$26,900
Total	\$139,500	\$34,500	\$684,600	\$62,100
Importance Code A			\$303,800	
Importance Code B	\$122,500	\$34,500	\$380,800	\$62,100
Importance Code C	\$17,000			
Total	\$139,500	\$34,500	\$684,600	\$62,100



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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Granite	100%			LIFE		**		
Backwall								
Masonry	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	Now	\$52,600	LIFE		**		
			<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Begin Abutment Joint Sealer Damaged</i>					
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Masonry: Granite	100%			LIFE		**		
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
Masonry: Granite	100%	4+	\$17,000	LIFE		**		
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Begin Right Wingwall Has Voids And Displacement 4 inches.</i>					
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE		**		
Riprap	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Concrete	100%	4+	\$134,100	LIFE		**		
			<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	

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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8	\$18,100	
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Steel	100%	4+	\$583,000	LIFE	**	2-8	\$1,633,900	
<i>Corrosion, Extent : Moderate, Area Affected : 6%</i>								
<i>Location : Piers 4, 17, And 25. 25 Is Most Severe.</i>								
Pier,Columns								
Steel	100%	4+	\$1,083,200	LIFE	**	2-8	\$2,821,200	
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Pier 31 Right Side Column Knee Brace.</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Pier 17</i>								
Stem,Solid Pier								
Concrete	100%	4+	\$465,800	LIFE	**			
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Pier 51</i>								
Masonry	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	25%	Now	\$376,500	LIFE	**	2-8	\$49,000	
<i>Joint Freezing, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Piers 2, 6, 10, 18, 22, 25, 27, 29, And 31 Exp. Bridges Frozen.</i>								
Steel	70%			LIFE	**	2-8	\$49,000	
Steel	5%	Now	\$37,700	LIFE	**	2-8	\$49,000	
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Pier 14</i>								
<i>Explanation : Loose Exp. Brg. Plates At 5 Brgs.</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Steel	100%	2-4	\$57,500	LIFE	**			
<i>Corrosion, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Pier 4, 10, 12, 17, 25 And 29.</i>								
Deck Elements								
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Concrete	100%			2042	**			
Steel	100%			LIFE	**			

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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
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%			2052	**	5		
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$136,600	
Sidewalks								
Concrete	100%			2032	**	5	\$107,100	
Wearing Surface								
Concrete	100%			2037	**	5		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$122,600	
Joints								
Steel	100%			LIFE	**			
Generic	100%			LIFE	**			
Primary Member								
Steel	95%			LIFE	**	2-8	\$2,059,400	
Steel	5%	4+	\$782,800	LIFE	**	2-8	\$2,059,400	
<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	
Steel	10%	4+	\$86,400	LIFE	**	2-8	\$1,725,200	
<i>Corrosion, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Spans 23, 26, 30, 37, And 40 Cross Frame Diaphragms.</i>								
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	**			
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Intercom								
Generic	100%			2022	\$16,100			
Telephone								
Wall Mounted	100%			2022				
Jack								
Telephone	100%			2022				
Control System Electrical								
Computer								
PLC	100%	Now	\$8,300	2021	\$27,600			
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	** *			
Control Devices								
Relay	100%			2042	** *			
Disconnect Switch								
Non Fused	100%			2042	** *	1	\$35,900	
Limit Switch								
Rotary	100%			2022				
Local Starter								
Magnetic	100%			2042	** *			
Drive								
Grating Motor								
Generic	100%			2052	** *			
Machinery Brake								
Thruster	100%			2052	** *	1	\$600	
Motor Brake								
Thruster	100%			2052	** *	1	\$1,100	
Electrical Power								
MCC								
Generic	10%	Now	\$1,600	2042	** *			
		<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	** *			
Panelboard								
Circuit Breaker	100%			2042	** *	1	\$6,700	
Transfer Switch								
Auto	100%			2042	** *			
Exterior Lighting								
Lighting Contactor								
Generic	100%			2042	** *	1	\$5,600	
Lighting Fixture								
Generic	100%			2022				
Spot Lighting								
Generic	100%			2022				
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2027				
Ground Rod								
Copper	100%			2022				
Ground Wire								
Green	100%			2027				
Interior Lighting								
Exit Lighting								
Battery Operated	100%			2027				
Lighting Fixture								
Fluorescent	100%			2027	\$3,600	1	\$5,600	

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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2022		1	\$3,400	
Pier Lighting								
Incandescent	100%			2022		1	\$4,500	
Span Lighting								
Incandescent	100%			2022		1	\$2,300	
Raceway								
Box								
Pull Junction	100%			2032	**	1	\$3,900	
Terminal	100%			2032	**	1	\$4,500	
Collector Ring								
Metal	100%			2032	**			
Conduit								
Metal	100%			2062	**			
Submarine Control Cables								
Control	100%			2027				
Submarine Power Cable								
Power	100%			2027				
Trough								
Metal	100%			2062	**	1	\$1,100	
Wires								
Thermoplastic	100%			2042	**			
Span Lock								
Motor								
Squirrel Cage	100%			2037	**			
		<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	**			
Traffic System Electrical								
Barrier Gate Lighting								
Not Accessible	100%							
Traffic Gate Lighting								
Not Accessible	100%							
Traffic Gong								
Not Accessible	100%							
Traffic Sign								
Fixed	100%			2022				
Traffic Signal								
Not Accessible	100%							

Bridge 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	

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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Center Latch Generic	100%			2057	**	2	\$22,500	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : East And West</i>								
<i>Explanation : Could Not Be Tested Due To Electrical Problem.</i>								
Center Pivot Generic	100%			2057	**	2	\$67,400	
<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	
<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	\$22,000	2057	**	2	\$35,900	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : East And 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	**			
Houses								
Access Ways	100%	Now	\$9,600	2057	**			
<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	\$5,200	2057	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Control House</i>								
<i>Explanation : Broken Door Lock</i>								
Machinery Room	100%			2057	**			
Main Drive System								
Generic	100%	0-2	\$29,400	2057	**	2	\$179,600	
<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>								
Structural Bearings Generic	100%			2035	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : East And West Rest Piers</i>								
<i>Explanation : Minor Corrosion And 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Traffic Devices								
Barrier Gate	100%	Now	\$22,300	2035		* *		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : East And 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	\$13,800	2035		* *		
<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	\$2,800	2035		* *		
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$226,600	\$896,500
Bridge Electrical		\$238,200
Bridge Mechanical	\$570,700	
Total	\$797,300	\$1,134,700
Importance Code A		\$350,300
Importance Code B	\$570,700	\$557,700
Importance Code C	\$226,600	\$226,600
Total	\$797,300	\$1,134,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$45,000		\$68,000	\$2,700
Bridge Electrical	\$25,600	\$3,900	\$18,700	\$3,900
Bridge Mechanical	\$53,500		\$71,800	
Total	\$124,100	\$3,900	\$158,500	\$6,600
Importance Code A	\$1,200		\$35,900	
Importance Code B	\$91,000	\$3,900	\$122,600	\$3,900
Importance Code C	\$31,900			\$2,700
Total	\$124,100	\$3,900	\$158,500	\$6,600



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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	90%			LIFE	**			
Generic	10%	0-2	\$1,000	LIFE	**			
<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	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Walls								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Wingwalls</i>								
<i>Explanation : Beginning Wingwall Only. End Approach Has No Wingwall</i>								
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	**			
Riprap	100%			LIFE	**			
Timber	100%			2030	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE	**			
Approaches								
Pavement								
Asphalt	100%			2029	**	4	\$5,400	
Concrete	100%			2038	**	4		
Curbs								
Concrete	100%			LIFE	**			

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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Steel	100%	Now	\$1,200	LIFE	**	2-8	\$11,700	
<i>Damaged Railing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : End Approach Left (north) Side.</i>								
<hr/>								
Sidewalks								
Concrete	100%			LIFE	**			
<hr/>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$252,300	
<hr/>								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$301,600	
<hr/>								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Masonry	99%			LIFE	**			
Masonry	1%	2-4	\$100	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Pier 12</i>								
<i>Explanation : Masonry Stone Displaced.</i>								
<hr/>								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051	**			
Steel	100%			LIFE	**	2-8	\$6,200	
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Not Accessible	100%							
<hr/>								
Pedestals								
Concrete	100%	0-2	\$10,900	LIFE	**			
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Piers 12 And 14.</i>								
<hr/>								
Deck Elements								
Gratings								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 And 14</i>								
<i>Explanation : Spans 13 And 14</i>								
<hr/>								
Guide Railing								
Concrete	100%			2045	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 12 And 15 - 21.</i>								
<i>Explanation : Concrete Guide Railings Both Sides.</i>								
<hr/>								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 And 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$5,600	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 8 - 12 And 15 - 21.</i>								
<i>Explanation : Concrete Median.</i>								
Steel	100%			LIFE	**	4-8	\$27,500	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 And 14</i>								
<i>Explanation : Swing Spans</i>								
Railings/Parapets								
Steel	78%			LIFE	**	2-8	\$40,300	
<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	\$40,300	
<i>Other Observation, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Spans 1 - 7.</i>								
<i>Explanation : Pipe Railing And Chain-link Fence On One Side Only.</i>								
Sidewalks								
Concrete	78%			2033	**	5	\$28,100	
<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	
<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	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 And 14.</i>								
<i>Explanation : Swing Span</i>								
Wearing Surface								
Asphalt	100%			2029	**	5	\$84,700	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 12 (Both Sides) And 15 - 21(Left Side).</i>								
<i>Explanation : Asphalt Wearing Surface.</i>								
Concrete	100%			2038	**	5	\$368,400	
<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	\$23,900	
Grating w/ Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 And 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 12 And 14.</i>								
<i>Explanation : Steel Joint.</i>								
Generic	80%			LIFE	**			
Generic	20%	0-2	\$3,800	LIFE	**			
<i>Leakage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 3, 9, 11 And 18.</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$401,200	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$336,100	
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	**			
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%	Now	\$11,100	2023	\$18,400			
<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	\$12,600			
PLC	50%			2024	\$12,600			
Control Console								
Stainless Steel	50%			LIFE	**			
Stainless Steel	50%			LIFE	**			
Control Devices								
Relay	100%			2042	**			
Disconnect Switch								
Generic	100%			2042	**			
Limit Switch								
Generic	100%	0-2	\$1,500	2038	**			
<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	**			

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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Drive								
Machinery Brake Thruster	100%			2045	**	1	\$600	
Motor Brake Thruster	100%			2045	**	1	\$1,100	
Span Lock Motor Generic	100%			2051	**			
Wedge Motor Generic	100%			2051	**	1	\$1,100	
Electrical Power								
MCC								
Generic	100%	Now	\$5,600	2042	**			
<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	
Service Equipment Circuit Breaker	100%			2042	**			
Transfer Switch Auto	100%			2042	**			
Transformer Dry	100%			2042	**			
Exterior Lighting								
Lighting Contactor Generic	100%			2042	**	1	\$5,600	
Lighting Fixture HID	100%			2024			\$25,400	
Pole								
Aluminum	100%			2029	**			
Interior Lighting								
Lighting Fixture Fluorescent	100%	Now	\$200	2029	**	1	\$5,000	
<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	**			
Navigation Lighting								
Fender Lighting Incandescent	100%	Now	\$500	2023	\$9,000	1	\$3,000	
<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	\$6,000	1	\$4,500	

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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Navigation Lighting								
Span Lighting								
Incandescent	100%	Now	\$3,600	2023	\$7,100	1	\$2,000	
<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	
<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	**			
Conduit								
Metal	100%			2060	**			
Submarine Control Cables								
Generic	100%			2029	**			
Submarine Power Cable								
Power	100%			2029	**			
Trough								
Metal	100%			2060	**	1	\$1,100	
Wires								
Thermoplastic	100%			2042	**			
Span Lock								
Motor								
Squirrel Cage	100%			2038	**			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2020	\$14,800	1	\$1,100	
Traffic Gate Lighting								
Incandescent	100%	Now	\$700	2024	\$14,800	1	\$1,000	
<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	\$15,600	1	\$600	
Traffic Signal								
Generic	100%			2024	\$238,200	1	\$600	

Bridge 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	

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Center Latch Generic	100%	Now	\$27,200	2028	**	2	\$18,000	
<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 Generic	100%	0-2	\$177,900	2040	**	2	\$53,900	
<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	\$228,600	2040	**	2	\$35,900	
<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	\$68,200	2040	**			
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Accessways And Fender Decking</i>								
<i>Explanation : Corroded Grating And Supports. Some Nails Are Popping Out Of Boards Around The Pier. Missing Pinion Platform</i>								
Control House	100%	Now	\$17,100	2040	**			
<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	\$52,300	2028	**	2	\$179,600	
<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>								
Structural Bearings Generic	100%	0-2	\$43,700	2028	**			
<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	\$7,300	2028	**			
<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	\$1,900	2028	**			
<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>								

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Address : BSP X-ING MILL BASIN
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0022.090 / 4318 **Yr Built/Renovated** : 1941 /
Area Sq Ft : 73,525 **Project Type** : WATERWAY BRIDGES
Date of Survey : 24-Apr-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2231479

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$41,684,000	\$5,815,500
Bridge Electrical	\$1,882,700	\$273,500
Bridge Mechanical	\$3,179,900	\$4,352,900
Total	\$46,746,700	\$10,441,900
Importance Code A	\$37,652,100	\$1,663,300
Importance Code B	\$8,161,400	\$7,949,500
Importance Code C	\$933,300	\$829,000
Total	\$46,746,700	\$10,441,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$90,300		\$296,600	
Bridge Electrical	\$62,400	\$600	\$600	\$600
Bridge Mechanical	\$39,500		\$11,600	
Total	\$192,200	\$600	\$308,800	\$600
Importance Code A	\$44,900		\$150,600	
Importance Code B	\$144,000	\$600	\$158,200	\$600
Importance Code C	\$3,300			
Total	\$192,200	\$600	\$308,800	\$600



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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%	Now	\$11,700	LIFE			* *	
<i>Erosion, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Both Beginning And End Abutments</i>								
Stem (breastwall)								
Concrete	100%	4+	\$447,600	LIFE			* *	
<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%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%	4+	\$262,600	LIFE			* *	
<i>Erosion, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At All Four Wingwalls</i>								
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$75,700	LIFE			* *	
<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>								
Feature Crossed								
Mat (scour & erosion)								
Earth	100%	Now	\$59,200	LIFE			* *	
<i>Erosion, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Pier 2 South Side</i>								
Stream Bed	100%			LIFE			* *	
Pier Protection								
Timber	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	100%	4+	\$58,000	2025	\$290,000	4	\$9,700	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	Now	\$16,400	LIFE			**	
<i>Broken/Missing Elements, 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	\$1,000	LIFE			**	
<i>Erosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
Guide Railing								
Steel	50%	Now	\$1,500	LIFE		**	2-8	\$5,800
<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
<i>Damaged Railing, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : End Approach South Side</i>								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Asphalt	100%	2-4	\$2,400	2025	\$11,900	4		\$900
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : End Approach South Side</i>								
Piers								
Cap Beam								
Concrete	60%	2-4	\$490,400	LIFE			**	
<i>Delaminations, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Piers 3, 4, 5, 10, 11 And 13</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Piers 3, 4, 5, 10, 11 And 13</i>								
Concrete	40%			LIFE			**	

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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Concrete	44%			LIFE				**
Concrete	33%	4+	\$1,970,500	LIFE				**
Cracks, Extent : Moderate, Area Affected : 20%								
Location : All Piers								
Delaminations, Extent : Light, Area Affected : 20%								
Location : All Piers								
Exposed Reinforcement, Extent : Light, Area Affected : 20%								
Location : All Piers								
Spalling, Extent : Light, Area Affected : 20%								
Location : All Piers								
Concrete	23%	0-2	\$343,300	LIFE				**
Cracks, Extent : Severe, Area Affected : 5%								
Location : Piers 3 And 11								
Delaminations, Extent : Moderate, Area Affected : 5%								
Location : Piers 3 And 11								
Stem,Solid Pier								
Concrete	25%	4+	\$290,800	LIFE				**
Cracks, Extent : Moderate, Area Affected : 25%								
Location : Piers 2 And 12								
Delaminations, Extent : Light, Area Affected : 10%								
Location : Piers 2 And 12								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Piers 2 And 12								
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Piers 2 And 12								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Piers 2 And 12								
Concrete	75%			LIFE				**
Brngs,Ancr Blts,Pads								
Steel	100%	2-4	\$2,267,300	LIFE		2-8	\$40,300	**
Corrosion, Extent : Severe, Area Affected : 30%								
Location : Piers 2, 3, 4, 5, 10, 11 And 12								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%	4+	\$3,200	LIFE				**
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 2 And 12								
Explanation : Solid Stem Pier								
Pedestals								
Concrete	100%	4+	\$25,400	LIFE				**
Cracks, Extent : Light, Area Affected : 10%								
Location : Pier 11								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Piers 2 And 11								

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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete	100%	Now	\$3,861,300	2044	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Spans 9, 10, 11, 12, 13 And 14 North Side</i>								
Steel	100%			LIFE	**			
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 9 - 14 On The South Side</i>								
Median								
Concrete	100%	4+	\$78,700	LIFE	**	5	\$3,300	
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Span 3, 4, 5, 7, 9, 10, 11, 12, 13 And 14</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Span 3, 4, 5, 7, 9, 10, 11, 12, 13 And 14</i>								
Steel	30%	4+	\$17,800	LIFE	**	4-8	\$26,500	
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Spans</i>								
Steel	70%			LIFE	**	4-8	\$26,500	
Railings/Parapets								
Steel	10%	4+	\$5,400	LIFE	**	2-8	\$36,800	
<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	
Sidewalks								
Concrete	40%	4+	\$48,500	2029	**	5	\$10,400	
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Spans</i>								
Concrete	30%	0-2	\$109,000	2032	**	5	\$10,400	
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Spans</i>								
Concrete	30%	Now	\$109,000	2029	**	5	\$10,400	
<i>Broken/Missing Elements, 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		
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Asphalt	50%	0-2	\$91,000	2025	\$227,600	5	\$42,000	
<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	\$68,300	2025	\$227,600	5	\$42,000	
<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>								
Superstructure								
Deck, Structural								
Concrete	90%	4+	\$2,682,700	LIFE	**	5	\$72,800	
<i>Cracks, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Spans 1, 2, 3, 4, 5, 6, 7, 9, 11, 12, 13 And 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	\$59,600	LIFE	**	5	\$72,800	
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Span 10</i>								
<i>Explanation : 6 Feet x 7 Feet Hole In The Deck</i>								
Joints								
Generic	100%	Now	\$111,200	LIFE	**			
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Concrete	100%	4+	\$2,857,900	LIFE	**	5	\$38,600	
<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+	\$13,781,500	LIFE	**	2-8	\$1,358,800	
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Spans 3, 4, 9, 10 And 11</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 3, 4, 9, 10 And 11</i>								
Steel	75%			LIFE	**	2-8	\$1,358,800	
Secondary Member								
Concrete	90%			LIFE	**	5	\$933,900	
Concrete	10%	2-4	\$5,000	LIFE	**	5	\$933,900	
<i>Spalling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Spans 1 And 14</i>								
Steel	90%			LIFE	**	2-8	\$1,138,600	
Steel	10%	4+	\$46,500	LIFE	**	2-8	\$1,138,600	
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Span 7</i>								
Movable Bridges								
Bascule Span								
Steel	100%	4+	\$11,303,100	LIFE	**			
<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+	\$210,400	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bascule Piers 7 And 8</i>								
<i>Explanation : Concrete Deterioration</i>								
Concrete	90%			LIFE	**			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	\$35,300	2024	\$35,300			
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%	Now	\$14,700	2024	\$14,700			
<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	\$7,400	2041				**
<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				**
Disconnect Switch								
Non Fused	100%			2029				**
Limit Switch								
Lever	100%			2019				
Plunger	100%			2019				
Generic	100%			2029				**
Drive								
Machinery Brake								
Thruster	100%			2044				**
Motor Brake								
Thruster	100%	0-2	\$63,100	2044				**
<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				**
Electrical Power								
MCC								
Contactors	100%			2037				**
Panelboard								
Circuit Breaker	100%			2029				**
Service Equipment								
Circuit Breaker	100%			2037				**
Transfer Switch								
Manual	100%			2037				**
Exterior Lighting								
Lighting Contactor								
Generic	100%			2029		**	1	\$5,600
Lighting Fixture								
HID	100%			2022				
Pole								
Aluminum	100%			2025				
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior Lighting								
Lighting Fixture								
Fluorescent	100%	Now	\$1,000	2028			**	
<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			**	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Lighting Fixtures Throughout Bridge Are Broken</i>								
Incandescent	100%	4+	\$700	2024	\$3,300			
<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			**	
Navigation Lighting								
Fender Lighting								
Incandescent	100%	Now	\$18,800	2024	\$18,800			
<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	\$15,100	2023	\$30,100			
<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				
Raceway								
Communications								
Twisted Shielded pair	100%			2019				
Conduit								
Metal	100%	4+	\$518,900	2064			**	
<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				
Submarine Power Cable								
Power	100%			2022				
Trough								
Metal	100%			2039			**	
Wires								
Rubber	100%	0-2	\$181,000	2044			**	
<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>								

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

Maintenance \$ are aggregated over a ten-year period. Site 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 Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Raceway								
Wiring								
Generic	100%	Now	\$1,084,400	2029		**		
<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				
Traffic System Electrical								
Traffic Gate Lighting								
Incandescent	100%			2019				
Traffic Gong								
Generic	100%	Now	\$2,900	2024	\$2,900			
<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	\$238,200			
Bridge 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	
Bascule								
Counter Weight								
Generic	100%	2-4	\$541,700	2052		**		
<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	\$35,400	2039		**		
<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	\$35,400	2039		**		
<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	\$4,000	2029		**		
<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>								

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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
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN

Asset # : 4318

Bridge 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	Priority
Bascule								
Houses								
Access Ways	100%	Now	\$56,700	2027	\$189,100			
<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	\$104,400	2039		* *		
<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	\$45,100	2039		* *		
<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	\$288,100	2033		* *		
<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	\$1,919,000	2039		* *		
<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	\$21,700	2027	\$1,084,600			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Racks</i>								
<i>Explanation : Some Surface Corrosion Observed On Teeth.</i>								
Structural Bearings								
Generic	100%	Now	\$1,200	2020	\$11,600			
<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	\$12,700	2037		* *		
<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	\$154,000	2027	\$3,079,200			
<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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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Electrical	\$53,200	\$35,300
Bridge Mechanical	\$500,400	
Total	\$553,600	\$35,300
Importance Code B	\$553,600	\$35,300
Total	\$553,600	\$35,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$20,200	\$6,800		
Bridge Electrical	\$86,700			
Bridge Mechanical	\$40,800			
Total	\$147,700	\$6,800		
Importance Code A	\$12,600			
Importance Code B	\$127,500			
Importance Code C	\$7,600	\$6,800		
Total	\$147,700	\$6,800		



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

DEPARTMENT OF TRANSPORTATION - 841
NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL

Asset # : 13512

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE			**	
Feature Crossed								
Bank Protection								
Sheet Piling	100%			LIFE			**	
Timber	100%	2-4	\$7,600	2032			**	
<i>Broken/Missing Elements, 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%							
Pier Protection								
Timber	100%			LIFE			**	
<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
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Beginning And End Approaches</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
Sidewalks								
Concrete	100%			LIFE			**	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
Sidewalks								
Concrete	100%			2034			**	5
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 And 3</i>								
<i>Explanation : Sidewalk Is In Good Condition</i>								
Wearing Surface								
Asphalt	100%			2029			**	5
Superstructure								
Primary Member								
Concrete	100%			LIFE			**	5
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 And 3</i>								
<i>Explanation : Concrete Deck</i>								
Movable Bridges								
Vertical Lift Span								
Steel	100%			LIFE			**	

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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
NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL

Asset # : 13512

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Movable Bridges								
Vertical Lift Tower								
Steel	5%	Now	\$12,600	LIFE			* *	
<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			* *	
Vertical Lift Pier								
Concrete	100%			LIFE			* *	
Bridge Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	\$21,200	2022	\$35,300			
<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	\$15,200	2022	\$25,300			
<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	\$9,400	LIFE			* *	
<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			* *	
Limit Switch								
Generic	100%			2044			* *	
Electrical Power								
Transfer Switch								
Auto	100%	Now	\$20,000	2044			* *	
<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			* *	

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DEPARTMENT OF TRANSPORTATION - 841
NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL

Asset # : 13512

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Electrical Power								
Dist Equip & Motor Control								
Generic	1%	Now	\$11,200	2044			* *	
<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			* *	
Navigation Lighting								
Pier Lighting								
Incandescent	100%			2023				
Span Lighting								
Incandescent	100%			2023				
Raceway								
Conduit								
Metal	100%			2064			* *	
Submarine Control Cables								
Not Accessible	100%							
Submarine Power Cable								
Not Accessible	100%							
Wiring								
Generic	100%	Now	\$53,200	2029			* *	
<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			* *	
Lighting								
Lighting Devices								
Generic	100%	Now	\$9,700	2029			* *	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Light Fixtures Throughout Bridge</i>								
<i>Explanation : Light Bulbs Out</i>								

Bridge 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	Priority
Vertical Lift								
Counter Weight Ropes & Gu								
Generic	100%	Now	\$8,600	2059			* *	
<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			* *	

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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Emergency Drive								
Emergency Power	100%			2052			* *	
<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	\$356,900	2052			* *	
<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	\$12,900	2037			* *	
<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	\$13,900	2059			* *	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Control House</i>								
<i>Explanation : Leaking Windows And Roof</i>								
HVAC	100%			2052			* *	
Machinery Room	100%			2059			* *	
Main Drive System								
Generic	100%	Now	\$143,500	2059			* *	
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Machine Rooms</i>								
<i>Explanation : Motors, Brakes And Reducers Making Noise. Brakes Require Cleaning And Possible Adjustment.</i>								
Sheaves								
Generic	1%	Now	\$700	2059			* *	
<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			* *	
Traffic Devices								
Barrier Gate	100%			2033			* *	
Warning Gate	100%	Now	\$4,700	2033			* *	
<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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** Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$8,906,500	\$588,000
Bridge Electrical	\$519,400	\$2,575,500
Bridge Mechanical	\$861,500	
Total	\$10,287,400	\$3,163,500
Importance Code A	\$8,697,900	\$259,900
Importance Code B	\$1,589,600	\$2,575,500
Importance Code C		\$328,100
Total	\$10,287,400	\$3,163,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$50,100		\$18,500	
Bridge Electrical	\$73,700	\$200	\$200	\$200
Bridge Mechanical	\$156,300			
Total	\$280,100	\$200	\$18,600	\$200
Importance Code A	\$14,900		\$8,600	
Importance Code B	\$230,000	\$200	\$200	\$200
Importance Code C	\$35,200		\$9,800	
Total	\$280,100	\$200	\$18,600	\$200



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

DEPARTMENT OF TRANSPORTATION - 841
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER

Asset # : 2469

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
			<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			* *	
			<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			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE			* *	
			<i>Settlement, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Begin Right Wingwall</i>					
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE			* *	
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE			* *	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Piers 3 And 4</i>					
			<i>Explanation : New Pier Protection Installed.</i>					
Approaches								
Pavement								
Asphalt	100%	4+	\$3,200	2026	\$160,900	4	\$5,400	
			<i>Cracks, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Both Approaches</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
Embankment								
Earth	100%			LIFE			* *	
Stone Rough Work	100%			LIFE			* *	
Guide Railing								
Steel	100%			LIFE		2-8	\$5,800	

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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
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER

Asset # : 2469

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Riprap	100%			LIFE			**	
Sidewalks								
Concrete	100%			LIFE			**	
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$98,600	LIFE			**	
			<i>Cracks, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Piers 1, 2, 5 And 6</i>					
			<i>Delaminations, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Piers 1, 2, 5 And 6</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Piers 1, 2, 5 And 6</i>					
Granite	100%	4+	\$110,100	LIFE			**	
			<i>Joints Missing, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Piers 1, 2, 5, 6</i>					
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
Guide Railing								
Concrete	100%	4+	\$2,200	2042			**	
			<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	\$38,100
			<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
Concrete	25%	2-4	\$28,600	2030		**	5	\$9,800
			<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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Asphalt	100%	Now	\$3,300	2026	\$167,100	5	\$15,400	
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Span 7 Exhibits Transverse Cracking Up To 1 Inch 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	\$11,500	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 4</i>								
<i>Explanation : Steel Grating In Bascule Span 4.</i>								
Superstructure								
Primary Member								
Concrete	100%	2-4	\$2,518,600	LIFE	**	5	\$175,500	2
<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+	\$2,170,400	LIFE	**	2-8	\$157,700	
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Exposed Steel Truss In Random Spans.</i>								
Movable Bridges								
Bascule Span								
Steel	100%	2-4	\$2,234,200	LIFE	**			
<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	\$1,774,600	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 3 And 4</i>								
<i>Explanation : Pier Wall Supporting Truss Members Is Cracking And Spalling With Exposed Rebars.</i>								

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	\$35,300	2025	\$35,300			
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$18,700	LIFE			* *	
<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			* *	
Limit Switch								
Generic	100%	Now	\$18,300	2038			* *	
<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			* *	
Dist Equip & Motor Control								
Generic	100%	Now	\$11,700	2023	\$586,500			
<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			* *	
Raceway								
Submarine Control Cables								
Generic	100%			2023	\$835,300			
Wiring								
Generic	100%	Now	\$310,800	2023	\$1,036,000			
<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			* *	
Traffic System Electrical								
Traffic Signal								
Generic	100%			2020	\$173,300	1	\$1,900	
Lighting								
Lighting Devices								
Generic	100%	Now	\$24,700	2023	\$82,400			
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Counter Weight Generic	100%	0-2	\$211,900	2040			* *	
<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	\$9,500	2040			* *	
<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 And Test Generator.</i>								
Fuel Tanks Generic	100%	2-4	\$5,800	2045			* *	
<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	\$27,700	2040			* *	
<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	\$8,400	2028			* *	
<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	\$15,100	2040			* *	
<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	\$9,000	2028			* *	
<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	\$22,600	2028			* *	
<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	\$369,700	2040			* *	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : South And North Machine Rooms</i> <i>Explanation : One Missing Over Speed Switch Chain, Corrosion And Lubricant Leakage. Some Broken Gauges. Misaligned Couplings</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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Bascule								
Rack								
Generic	100%	Now	\$7,000	2040			* *	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Southeast Rack</i>								
<i>Explanation : One Missing Or Broken Mounting Bolt Noted</i>								
Structural Bearings								
Generic	100%	Now	\$28,000	2028			* *	
<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+	\$23,300	2040			* *	
<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	\$204,000	2028			* *	
<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	\$75,900	2028			* *	
<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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Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$4,268,600	\$2,355,800
Bridge Electrical	\$82,900	\$286,600
Bridge Mechanical	\$1,248,800	\$9,162,200
Total	\$5,600,400	\$11,804,700
Importance Code A	\$966,000	\$1,135,600
Importance Code B	\$4,257,000	\$10,669,100
Importance Code C	\$377,300	
Total	\$5,600,400	\$11,804,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$53,700	\$22,800	\$231,100	
Bridge Electrical	\$27,700	\$24,400	\$24,400	\$24,400
Bridge Mechanical	\$32,400		\$116,700	
Total	\$113,800	\$47,300	\$372,300	\$24,400
Importance Code A		\$2,300	\$108,700	
Importance Code B	\$78,500	\$24,400	\$263,500	\$24,400
Importance Code C	\$35,300	\$20,500		
Total	\$113,800	\$47,300	\$372,300	\$24,400



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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK

Asset # : 2476

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Abutments							
Bridge Seat&pedestals Not Accessible	100%						
	<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%						
	<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%						
	<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/>							
Footings							
Not Accessible	100%						
<hr/>							
Joint with Deck							
Composite	50%			LIFE			**
Composite	50%	2-4	\$10,900	LIFE			**
	<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/>							
Mat (scour & erosion)							
Not Accessible	100%						
<hr/>							
Pedestals							
Not Accessible	100%						
	<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/>							
Stem (breastwall)							
Not Accessible	100%						
	<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/>							
Wingwalls							
Footings							
Not Accessible	100%						
<hr/>							
Piles							
Not Accessible	100%						
<hr/>							
Walls							
Concrete	95%			LIFE			**
Concrete	5%	4+	\$189,200	LIFE			**
	<i>Cracks, Extent : Light, Area Affected : 10%</i>						
	<i>Location : End Abutment</i>						

Feature Crossed

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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK

Asset # : 2476

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	**			
		<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	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	5%	Now	\$845,200	LIFE	**			
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>						
		<i>Location : Bascule Piers 25 And 26</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 25%</i>						
		<i>Location : Bascule Piers 25 And 26</i>						
		<i>Explanation : West Side 1 Of 2 Dolphin Clusters At 2 Locations Have Been Hit And Are Leaning.</i>						
Timber	95%	4+	\$1,605,800	LIFE	**			
		<i>Split/Dry/Cracked, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Bascule Piers 26 And 27</i>						
Approaches								
Pavement								
Asphalt	100%	Now	\$34,400	2029	**	4	\$11,500	
		<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		
Guide Railing								
Concrete	100%			2039	**	4	\$6,900	
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Steel	100%			LIFE	**	2-8		
Pier, Columns								
Concrete	50%			LIFE	**			
Concrete	50%	2-4	\$286,000	LIFE	**			
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Piers 18 - 24 And 27 - 30 And 33</i>						
		<i>Delaminations, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Piers 19 - 24 And 27 - 30</i>						
		<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Piers 19 - 24 And 27 - 30</i>						
Steel	100%			LIFE	**	2-8	\$461,600	

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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK

Asset # : 2476

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Stem,Solid Pier								
Concrete	98%			LIFE			**	
Concrete	2%	4+	\$7,500	LIFE			**	
<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
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		**		
Deck Elements								
Guide Railing								
Concrete	100%			2044		**		
Median								
Concrete	100%			LIFE		**	5	\$75,600
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$8,000
Sidewalks								
Concrete	100%			2034		**	5	\$41,100
Wearing Surface								
Concrete	100%	Now	\$900	2039		**	5	\$3,000
<i>Broken,Missing Pave, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Spans 19, 31, 32, And 33 East Side Roadway</i>								
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$728,400	LIFE		**	5	\$5,900
<i>Cracks, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Spans 25 And 27</i>								
Grating w/ Concrete	100%			LIFE		**		
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Composite	85%	4+	\$99,900	LIFE	**	4	\$841,100	
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Piers 8, 12, 15, 18, 19, 20, 27 And 36</i>								
<i>Explanation : Water Leakage Noted Below Joints</i>								
Composite	15%	Now	\$88,200	LIFE	**	4	\$841,100	
<i>Leakage, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Piers 2, 5, 9, 33, 39, 40 And 43</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Piers 2, 5, 9, 33, 39, 40 And 43</i>								
<i>Explanation : Torn And Cracked Sealer</i>								
Primary Member								
Prestressed Concrete	100%			LIFE	**			
Box Beam								
Steel	100%			LIFE	**	2-8	\$1,979,800	
Secondary Member								
Steel	100%	Now	\$188,300	LIFE	**	2-8	\$1,658,400	
<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	**			
Steel	10%	4+	\$163,100	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Piers 25 And 26</i>								
<i>Explanation : Steel Towers Exhibit Corrosion.</i>								
Bascule Span Pier								
Concrete	90%			LIFE	**			
Concrete	10%	0-2	\$74,600	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Bascule Piers 25 And 26</i>								
<i>Explanation : Median Stringers 6 And 7 Pedestal Exhibit Spalls With Exposed Anchor Bolts.</i>								

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%			2022	\$14,700			
Telephone								
Desk Top	100%			2022				
Jack								
Telephone	100%			2022				
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	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$40,700	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Control Desk Span Position Meters Not Functioning</i>								
Control Devices								
Relay	80%			2029	**			
Relay	20%			2037	**			
Disconnect Switch								
Non Fused	100%			2037	**	1	\$49,400	
Limit Switch								
CAM	67%			2018		1	\$13,500	
CAM	33%			2022		1	\$13,500	
Lever	75%			2022		1	\$53,900	
Lever	25%			2019		1	\$53,900	
Drive								
Machinery Brake								
Thruster	100%			2034	**	1	\$2,300	
Motor Brake								
Thruster	100%			2034	**	1	\$2,300	
Span Lock Motor								
Generic	100%			2034	**	1	\$2,300	
Electrical Power								
MCC								
Starter	100%			2022				
Contactors	75%			2022				
Contactors	25%			2037	**			
Motor Circuit Protector	100%			2022	\$18,600	1	\$4,500	
Panelboard								
Circuit Breaker	100%			2029	**	1	\$13,500	
Service Equipment								
Fused Disc Switch	100%			2029	**			
Transfer Switch								
Auto	100%			2029	**			
Exterior Lighting								
Lighting Contactor								
Generic	100%			2037	**	1	\$5,600	
Lighting Fixture								
HID	100%			2022				
Pole								
Aluminum	100%			2025				
Ground/Lightning Protection								
Ground Bus								
Not Accessible	100%							
Ground Rod								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK

Asset # : 2476

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground/Lightning Protection								
Ground Wire								
Green	100%			2025				
Not Accessible	100%							
Interior Lighting								
Lighting Fixture								
Fluorescent	100%			2025	\$3,300	1	\$9,000	
HID	100%	4+	\$1,700	2025	\$3,300			
<i>Broken/Missing Elements, 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+	\$1,700	2022	\$3,300			
<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				
Raceway								
Box								
Pull Junction	100%			2024		1	\$13,500	
Terminal	100%			2024		1	\$4,500	
Conduit								
Metal	50%			2052	**			
Metal	50%			2039	**			
Submarine Control Cables								
Control	100%			2022				
Submarine Power Cable								
Power	100%			2022				
Wires								
Cloth	100%			2023	\$181,000			
Thermoplastic	100%			2037	**			
Span Lock								
Motor								
Squirrel Cage	100%			2027				
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2022		1	\$1,100	
Traffic Gate Lighting								
Incandescent	100%			2022		1	\$1,100	
Traffic Gong								
Generic	100%			2022		1	\$600	
Traffic Sign								
Fixed	100%			2022				
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Lighting

Lighting Devices

Generic

100% Now \$42,200 2025 \$105,600

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

Bascule

Counter Weight

Generic

100% Now \$110,500 2039 * * 2 \$71,800

Other Observation, Extent : Light, Area Affected : 5%

Location : Counterweights

Explanation : Some Open Pockets

Emergency Drive

Emergency Power

100% Now \$116,400 2039 * * 2 \$143,700

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 * *

Other Observation, Extent : Light, Area Affected : 2%

Location : Control House

Explanation : Minor Leaks

Houses

Access Ways

100% Now \$26,000 2027 \$259,900

Other Observation, Extent : Moderate, Area Affected : 5%

Location : Accessways

Explanation : Some Grating, Hatches, Safety Chains And Doors Need Repair.

Control House

100% Now \$101,700 2039 * *

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 \$35,100 2039 * *

Other Observation, Extent : Light, Area Affected : 10%

Location : Machinery Rooms

Explanation : Some Doors And Enclosure Panels Need Repair.

Lock Bars

With Motor

100% Now \$47,300 2027 \$945,300 2 \$35,900

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
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	\$227,600	2027	\$4,552,500	2	\$215,500	
<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	\$91,100	2039			**	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i> <i>Location : Racks</i> <i>Explanation : Supports And Fasteners Have Some Corrosion.</i>								
Structural Bearings								
Generic	100%	Now	\$1,200	2027	\$11,600			
<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	\$315,100	2027	\$3,151,400			
<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	\$5,100	2027	\$253,100			
<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	\$204,000	2039			**	
<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>								

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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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : RAMP TO MADISON AVE. BRIDGE OVER E 138TH STREET
 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 : 24-Aug-2015 Landmark Status : NONE
 Areas Surveyed :
 Block : Lot : BIN : 224007A

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,138,800	\$618,600
Total	\$1,138,800	\$618,600
Importance Code A	\$865,700	\$340,500
Importance Code B	\$214,800	\$214,800
Importance Code C	\$58,300	\$63,300
Total	\$1,138,800	\$618,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$305,500		\$51,400	
Total	\$305,500		\$51,400	
Importance Code A	\$192,600		\$29,800	
Importance Code B	\$44,300		\$21,500	
Importance Code C	\$68,600			
Total	\$305,500		\$51,400	



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DEPARTMENT OF TRANSPORTATION - 841
RAMP TO MADISON AVE. BRIDGE OVER E 138TH STREET

Asset # : 4210

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$519,100	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Spalls With Exposed Rebar At Southwest Wall At Pier</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Fascias</i>								
<i>Explanation : Cellular Abutment Wall</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE			* *	
Concrete	10%	4+	\$58,300	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</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>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								
Pavement								
Concrete	100%			2036			* * 4	
<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>								

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

Maintenance \$ are aggregated over a ten-year period. Site 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 MADISON AVE. BRIDGE OVER E 138TH STREET

Asset # : 4210

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	100%	4+	\$1,600	2036	**	4	\$4,600	
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Steel	100%			LIFE	**	2-8		
	<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%							
Railings/Parapets								
Concrete	100%	4+	\$30,800	2036	**			
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$5,500	LIFE	**			
	<i>Cracks, 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>							
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$301,500	
Pier,Columns								
Concrete Encased Steel	95%			LIFE	**	5	\$400	
	<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	\$200	
	<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	**			
Concrete	5%	4+	\$5,000	LIFE	**			
	<i>Leakage, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Both Ends At Pier 5</i>							
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			

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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
RAMP TO MADISON AVE. BRIDGE OVER E 138TH STREET

Asset # : 4210

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	100%	4+	\$9,600	2040				**
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE				**
Median								
Concrete	100%			LIFE		5	\$7,000	
Railings/Parapets								
Steel	100%			LIFE		2-8	\$21,500	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Railings Are On East Side Of Bridge</i>					
Sidewalks								
Concrete	100%			2032		5	\$5,600	**
Wearing Surface								
Asphalt	100%	4+	\$29,100	2028		5	\$14,600	**
			<i>Cracks, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Random Locations Throughout</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>					
Concrete	100%	4+	\$33,600	2036		5	\$63,300	**
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Near End Abutment End</i>					
Scupper								
Cast Iron	100%			LIFE				**
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 14 Scuppers</i>					
Superstructure								
Deck, Structural								
Concrete	90%			LIFE		5	\$47,800	**
Concrete	10%	4+	\$53,900	LIFE		5	\$23,900	**
			<i>Corrosion, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : Stay In Place Forms Under East And West Fascia Girders</i>					
Joints								
Generic	95%			LIFE				**
Generic	5%	4+	\$500	LIFE				**
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Joint Filler Is Depressed</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
RAMP TO MADISON AVE. BRIDGE OVER E 138TH STREET

Asset # : 4210

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$687,600	
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$589,900	

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.

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK
Address : OVER RICHMOND CREEK
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0154.000 / 13517 **Yr Built/Renovated** : 1931 /
Area Sq Ft : 32,589 **Project Type** : WATERWAY BRIDGES
Date of Survey : 07-Jan-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240350

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$496,400	\$5,885,400
Total	\$496,400	\$5,885,400
Importance Code A	\$271,400	\$393,400
Importance Code B	\$87,900	\$322,600
Importance Code C	\$137,000	\$5,169,400
Total	\$496,400	\$5,885,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$168,900		\$69,200	\$59,600
Total	\$168,900		\$69,200	\$59,600
Importance Code A	\$58,600		\$36,900	
Importance Code B	\$22,100		\$32,300	
Importance Code C	\$88,200			\$59,600
Total	\$168,900		\$69,200	\$59,600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
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		**		
Backwall								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**		
Footings								
Not Accessible	100%							
Joint with Deck								
Composite	100%	2-4	\$22,100	LIFE		**		
		<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		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Both Abutments</i>						
		<i>Explanation : Riprap With Stones</i>						
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%	4+	\$10,500	LIFE		**		
		<i>Erosion, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Begin Abutment West Side</i>						
Walls								
Concrete	7%	4+	\$22,500	LIFE		**		
		<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		**		
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		**		
Mat (scour & erosion)								
Generic	100%			LIFE		**		
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2025	\$5,076,300	4	\$119,200	
Concrete	100%	4+	\$27,800	2033	* *	4	\$32,100	
<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>								
<hr/>								
Curbs								
Concrete w/ Steel Face	100%	2-4	\$271,400	LIFE	* *			
<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>								
<hr/>								
Embankment								
Earth	100%			LIFE	* *			
<hr/>								
Guide Railing								
Steel	100%			LIFE	* *	2-8	\$146,200	
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
<hr/>								
Sidewalks								
Concrete	5%	4+	\$43,700	LIFE	* *			
<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	* *			
<hr/>								
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$87,900	LIFE	* *			
<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>								
<hr/>								
Brngs,Ancr Blts,Pads								
Steel	100%	4+	\$25,600	LIFE	* *	2-8	\$6,400	
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK
Asset # : 13517

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$17,700	LIFE	**			
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Median								
Concrete	100%	4+	\$9,800	LIFE	**	5	\$3,400	
<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+	\$5,400	2033	**	4	\$800	
<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	
<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+	\$27,500	2029	**	5	\$6,700	
<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	\$38,100	2033	**	5	\$93,200	
<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	**			
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$35,900	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Composite	100%	2-4	\$55,200	LIFE	**	4	\$185,500	
<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	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$504,700	
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 02-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240660

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$1,622,200	\$1,078,300
Total	\$1,622,200	\$1,078,300
Importance Code A	\$757,800	\$115,600
Importance Code C	\$864,400	\$962,700
Total	\$1,622,200	\$1,078,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$82,500		\$16,400	
Total	\$82,500		\$16,400	
Importance Code A	\$64,500		\$14,100	
Importance Code C	\$18,000		\$2,300	
Total	\$82,500		\$16,400	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			* *	
Mat (scour & erosion)								
Stream Bed	100%			LIFE			* *	
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	80%			2028		* *	4	\$4,600
Asphalt	20%	2-4	\$14,500	2028		* *	4	\$4,600
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</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		* *		
Concrete w/ Steel Face	5%	4+	\$500	LIFE		* *		
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE		* *		

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	100%			2036	**	4	\$2,500	
Steel	75%			LIFE	**	2-8	\$9,300	
Steel	25%	4+	\$7,700	LIFE	**	2-8	\$5,800	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Pavement Base								
Not Accessible	100%							
<hr/>								
Sidewalks								
Concrete	90%			LIFE	**			
Concrete	10%	4+	\$3,500	LIFE	**			
<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>								
<hr/>								
Piers								
Cap Beam								
Not Accessible	100%							
<hr/>								
Pier,Columns								
Not Accessible	100%							
<hr/>								
Stem,Solid Pier								
Not Accessible	100%							
<hr/>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Not Accessible	100%							
<hr/>								
Pedestals								
Not Accessible	100%							
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
Deck Elements								
Guide Railing								
Steel	80%			LIFE	**			
Steel	20%	4+	\$86,800	LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Railings/Parapets								
Steel	70%			LIFE	**	2-8	\$286,500	
Steel	30%	4+	\$613,300	LIFE	**	2-8	\$175,900	
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	90%			2032	**	5	\$81,200	
Concrete	10%	4+	\$124,600	2032	**	5	\$40,600	
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
Wearing Surface								
Concrete	90%			2036	**	5	\$840,900	
Concrete	10%	4+	\$319,300	2036	**	5	\$420,500	
<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%							
Joints								
Generic	100%			LIFE	**			
Primary Member								
Not Accessible	100%							
<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%							

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER
Address : VAN WYCK EXPY, FLUSHING RIV.
Borough : QUEENS **Agency's Number** : N/A
Program / Asset # : DOT0049.070 / 2573 **Yr Built/Renovated** : 1924 /
Area Sq Ft : 84,425 **Project Type** : WATERWAY BRIDGES
Date of Survey : 19-Dec-2012 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240507

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$6,157,800	\$3,594,300
Total	\$6,157,800	\$3,594,300
Importance Code A	\$673,700	\$1,857,000
Importance Code B	\$3,067,300	\$984,100
Importance Code C	\$2,416,800	\$753,200
Total	\$6,157,800	\$3,594,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$120,100		\$266,800	\$3,900
Total	\$120,100		\$266,800	\$3,900
Importance Code A	\$76,300		\$168,100	\$1,000
Importance Code B	\$16,100		\$98,700	
Importance Code C	\$27,700			\$2,900
Total	\$120,100		\$266,800	\$3,900



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
ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER

Asset # : 2573

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$8,400	LIFE			* *	
<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>								
<hr/>								
Backwall Concrete	100%	4+	\$14,600	LIFE			* *	
<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>								
<hr/>								
Brngs,Ancr Blts,Pads								
Steel	95%			LIFE			* *	
Steel	5%	2-4	\$4,500	LIFE			* *	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Abutment</i>								
<hr/>								
Footings Not Accessible	100%							
<hr/>								
Joint with Deck Generic	100%	4+	\$16,100	LIFE			* *	
<i>Broken/Missing Elements, 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>								
<hr/>								
Mat (scour & erosion) Earth	100%			LIFE			* *	
<hr/>								
Stem (breastwall) Concrete	100%	4+	\$86,200	LIFE			* *	
<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>								
<hr/>								
Wingwalls								
Footings Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Earth	100%			LIFE			* *	
<hr/>								

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$113,600	LIFE			* *	
<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>								
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			* *	
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	50%			2025	\$201,400	4	\$5,800	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Approach</i>								
Asphalt	50%	4+	\$10,100	2025	\$201,400	4	\$5,800	
<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
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : End Approach</i>								
Curbs								
Concrete	100%			LIFE			* *	
Concrete w/ Steel Face	100%	2-4	\$12,300	LIFE			* *	
<i>Settlement, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : End Approach South Side</i>								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2033			* *	\$2,000
<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			* *	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Steel	75%			LIFE		**		
<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+	\$18,000	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 60%</i>								
<i>Location : End Approach, Southeast Side</i>								
Sidewalks								
Concrete	100%	4+	\$42,000	LIFE		**		
<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%							
Pier,Columns								
Steel	100%	4+	\$867,800	LIFE		**	2-8	\$427,400
<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+	\$333,100	LIFE		**		
<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%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	80%			LIFE		**		
Earth	20%	2-4	\$33,200	LIFE		**		
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Concrete	90%			LIFE				**
Concrete	10%	2-4	\$63,800	LIFE				**
<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				**
Railings/Parapets								
Steel	100%			LIFE		2-8	\$14,700	**
<i>Corrosion, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$63,200	2029		5	\$23,500	**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	70%	4+	\$407,800	2033		5	\$175,200	**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations</i>								
Concrete	30%	Now	\$1,747,600	2039		5	\$175,200	**
<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				**
<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	**
Concrete	5%	0-2	\$176,700	LIFE		5	\$92,900	**
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Generic	100%	0-2	\$42,600	LIFE		**		
<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+	\$497,000	LIFE		**	2-8	\$1,560,700
<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
Secondary Member								
Steel	100%	4+	\$1,716,400	LIFE		**	2-8	\$1,307,400
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$43,800	\$883,400
Bridge Mechanical	\$59,800	
Total	\$103,600	\$883,400
Importance Code A		\$387,200
Importance Code B	\$59,800	\$392,900
Importance Code C	\$43,800	\$103,300
Total	\$103,600	\$883,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure			\$80,100	\$11,100
Bridge Electrical	\$400			
Bridge Mechanical	\$152,300			
Total	\$152,700		\$80,100	\$11,100
Importance Code A			\$40,700	
Importance Code B	\$152,700		\$39,400	
Importance Code C				\$11,100
Total	\$152,700		\$80,100	\$11,100



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.

DEPARTMENT OF TRANSPORTATION - 841
ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD
Asset # : 2477

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			* *	
Backwall								
Concrete	100%			LIFE			* *	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : End Abutment Only.</i>					
			<i>Explanation : Backwall Only At End Abutment.</i>					
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Pedestals								
Concrete	100%			LIFE			* *	
Stem (breastwall)								
Concrete	100%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			* *	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : End Approach Only.</i>					
			<i>Explanation : Wingwall Is At The End Approach Only.</i>					
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			* *	
Sheet Piling	100%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	100%			2029			* * 4	\$22,100
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : End Approach</i>					
			<i>Explanation : End Approach Asphalt.</i>					
Concrete	100%			2038			* * 4	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Begin Approach.</i>					
			<i>Explanation : Concrete Approach Pavement.</i>					
Curbs								
Steel	100%			LIFE			* *	
Guide Railing								
Concrete	100%			2038			* * 4	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE			**	
Piers								
Cap Beam								
Concrete	100%			LIFE			**	
	<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	\$59,000	
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 6 And 7 Only.</i>							
	<i>Explanation : Steel Capbeam At Piers 6 And 7 Only.</i>							
Pier,Columns								
Concrete								
	100%			LIFE			**	
	<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	\$89,800	
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 6 And 7 Only.</i>							
	<i>Explanation : Steel Columns.</i>							
Stem,Solid Pier								
Concrete	100%			LIFE			**	
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		2-8	\$9,600	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete								
	100%			LIFE			**	
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 1, 2, 3, 4 And 5.</i>							
	<i>Explanation : Concrete Pedestal</i>							
Steel	100%			LIFE			**	
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 6 And 7.</i>							
	<i>Explanation : Steel Pedestal.</i>							
Deck Elements								
Curbs								
Steel	100%			LIFE			**	
Gratings								
Steel	100%			LIFE			**	
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Spans 2, 3 And 4.</i>							
	<i>Explanation : Steel Grating On Sidewalk.</i>							

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DEPARTMENT OF TRANSPORTATION - 841
ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD
Asset # : 2477

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Guide Railing								
Steel	100%			LIFE	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$39,800	
Sidewalks								
Concrete	100%			2033	**	5		
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1, 2, 4 Through 8.</i>						
		<i>Explanation : Concrete Sidewalk.</i>						
Steel	100%			2051	**	2-8		
		<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		
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1, 5 Through 8.</i>						
		<i>Explanation : Asphalt Wearing Surface.</i>						
Concrete	100%			2038	**	5	\$87,600	
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 2 And 4.</i>						
		<i>Explanation : Asphalt Wearing Surface.</i>						
Steel Grating	100%			LIFE	**	5	\$59,600	
		<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	\$16,500	
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1, 2, 4 Through 8.</i>						
		<i>Explanation : Concrete Deck.</i>						
Steel Grating	100%			LIFE	**	5		
		<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	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Pier 3.</i>						
		<i>Explanation : Steel Finger Joint.</i>						
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$675,600	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$565,900	

Movable Bridges

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
ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD
Asset # : 2477

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Movable Bridges								
Vertical Lift Span								
Steel	100%			LIFE		**		
Vertical Lift Tower								
Steel	100%			LIFE		**		
Vertical Lift Pier								
Concrete	100%			LIFE		**		
Bridge Electrical								
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%			2025	\$33,600			
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE		**		
Disconnect Switch								
Non Fused	100%			2045		**		
Limit Switch								
Lever	100%	Now	\$400	2025	\$17,700			
		<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		**		
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2030		**		
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2030		**		
Lightning Terminals								
Not Accessible	100%							
Raceway								
Wiring								
Generic	100%			2030		**		
Stand-by Power								
Generator								
Diesel	100%			2045		**		
Transfer Switch								
Auto	100%			2045		**		
Traffic System Electrical								
Traffic Signal								
Generic	100%			2025				
Lighting								

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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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Lighting								
Lighting Devices								
Generic	100%			2030			* *	
<hr/>								
Bridge 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	
Vertical Lift								
Buffers								
Generic	100%			2040			* *	
<hr/>								
Counter Weight Ropes & Gu								
Generic	100%	Now	\$17,000	2065			* *	
<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>								
<hr/>								
Counter Weight								
Auxiliary CTRWT	100%			2065			* *	
Main CTRWT	100%	0-2	\$59,800	2065			* *	
<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>								
<hr/>								
Elevators								
Generic	100%	Now	\$28,800	2040			* *	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : East And West Towers</i>								
<i>Explanation : No Operation Was Observed. Elevator Operation Was Reported To Be Problematic. Need To Test</i>								
<hr/>								
Emergency Drive								
Emergency Power	100%			2065			* *	
<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>								
<hr/>								
End Locks								
With Motor	100%	Now	\$18,200	2065			* *	
<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>								
<hr/>								
Fuel Tanks								
Generic	100%	Now	\$300	2045			* *	
<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>								

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** 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 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	
Vertical Lift								
Houses								
Access Ways	20%	Now	\$6,800	2040			* *	
<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	\$27,200	2040			* *	
<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			* *	
Main Drive System								
Generic	30%	Now	\$18,200	2065			* *	
<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			* *	
Sheaves								
Generic	100%			2065			* *	
<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>								
Structural Bearings								
Generic	100%			2040			* *	
Traffic Devices								
Barrier Gate	100%	Now	\$33,200	2040			* *	
<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	\$2,600	2040			* *	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Warning Gates</i>								
<i>Explanation : Adjustment Required To Arm Buffer Stand</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.

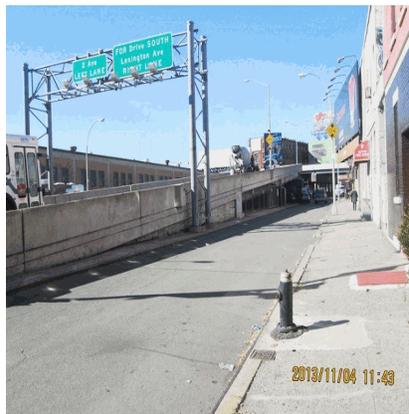
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : **THIRD AVE. BRIDGE RAMP TO BRUCKNER BLVD/RELIEF**
Address : **HARLEM RIVER, HARLEM RIV DR.**
Borough : **MANHATTAN:BX.** **Agency's Number** : **N/A**
Program / Asset # : **DOT0041.0A0 / 4320** **Yr Built/Renovated** : **2006 /**
Area Sq Ft : **11,100** **Project Type** : **WATERWAY BRIDGES**
Date of Survey : **04-Nov-2013** **Landmark Status** : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **224006A**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$501,400	\$671,600
Total	\$501,400	\$671,600
Importance Code A	\$49,500	\$109,900
Importance Code B		\$109,900
Importance Code C	\$451,900	\$451,900
Total	\$501,400	\$671,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$9,600		\$22,000	
Total	\$9,600		\$22,000	
Importance Code A			\$11,000	
Importance Code B			\$11,000	
Importance Code C	\$9,600			
Total	\$9,600		\$22,000	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2055		**		
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	100%			2026			4	
<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+	\$9,600	2038		**	4	\$21,300
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : End Approach Slab</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Railings/Parapets								
Concrete	100%			2034		**		
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
Pier,Columns								
Concrete	100%			LIFE		**		
Stem,Solid Pier								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2055		**		
Footings								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		**		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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
THIRD AVE. BRIDGE RAMP TO BRUCKNER BLVD/RELIEF

Asset # : 4320

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Piers							
Piles							
Not Accessible	100%						
Deck Elements							
Mono Deck Surface							
Concrete	100%			2055	* *	5	\$903,800
Railings/Parapets							
Concrete	100%			2040	* *	4	
Superstructure							
Deck, Structural							
Concrete	100%	4+	\$49,500	LIFE	* *	5	\$14,100
			<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	* *		
Primary Member							
Steel	100%			LIFE	* *	2-8	\$205,200
Secondary Member							
Steel	100%			LIFE	* *	2-8	\$171,900

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.

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : **THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**
Address : **HARLEM RIVER, HARLEM RIV DR.**
Borough : **MANHATTAN:BX.** **Agency's Number** : **N/A**
Program / Asset # : **DOT0041.090 / 4319** **Yr Built/Renovated** : **2005 /**
Area Sq Ft : **79,900** **Project Type** : **WATERWAY BRIDGES**
Date of Survey : **18-May-2011** **Landmark Status** : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2240069**

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure		\$2,331,600
Bridge Electrical		\$275,800
Total		\$2,607,300
Importance Code A		\$941,700
Importance Code B		\$1,066,600
Importance Code C		\$599,000
Total		\$2,607,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure			\$166,800	\$26,500
Bridge Electrical	\$3,300	\$1,200	\$1,200	\$1,200
Bridge Mechanical	\$51,200			
Total	\$54,500	\$1,200	\$168,000	\$27,700
Importance Code A			\$87,500	\$3,400
Importance Code B	\$54,500	\$1,200	\$80,500	\$1,200
Importance Code C				\$23,100
Total	\$54,500	\$1,200	\$168,000	\$27,700



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

Maintenance \$ are aggregated over a ten-year period. Site 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
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	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2052	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Walls								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2037	**	4	\$46,100	
Embankment								
Earth	100%			LIFE	**			
Generic	100%			LIFE	**			
Guide Railing								
Concrete	100%			2037	**	4	\$6,900	
Steel	100%			LIFE	**	2-8	\$18,700	
Mat (scour & erosion)								
Earth	100%			LIFE	**			

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Pier,Columns								
Concrete	100%			LIFE	**			
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Deck Elements								
Guide Railing								
Concrete	100%			2042	**			
Steel	100%			LIFE	**			
Mono Deck Surface								
Concrete	100%			2052	**	5	\$336,300	
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$215,400	
Wearing Surface								
Concrete	100%			2037	**	5	\$262,700	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$80,100	
Joints								
Steel	100%			LIFE	**			
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,477,100	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,237,400	
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	**			
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%			2022	\$14,700			
Telephone								
Desk Top	100%			2022				

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Jack								
Telephone	100%			2022				
Control System Electrical								
Computer								
PLC	10%	Now	\$1,500	2022	\$2,500			
<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	\$22,700			
Control Console								
Stainless Steel	100%			LIFE	**			
Control Devices								
Relay	100%			2042	**			
Disconnect Switch								
Non Fused	100%			2042	**			
Limit Switch								
Lever	100%			2022	\$3,500			
Rotary	100%			2022				
Local Starter								
Magnetic	100%			2042	**			
Drive								
Grating Motor								
Generic	100%			2052	**			
<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	**			
Motor Brake								
Thruster	100%			2052	**			
Span Lock Motor								
Generic	90%			2052	**			
<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	\$600	2052	**			
<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	**			
Electrical Power								
MCC								
Generic	100%			2042	**			
Panelboard								
Circuit Breaker	100%			2042	**	1	\$6,700	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
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	**			
Transformer								
Dry	100%			2042	**			
Exterior Lighting								
Lighting Contactor								
Generic	100%			2042	**	1	\$5,600	
Lighting Fixture								
HID	100%			2022	\$6,400			
Spot Lighting								
Generic	100%			2022				
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2027				
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2027				
Interior Lighting								
Exit Lighting								
Battery Operated	100%			2027				
Lighting Fixture								
Incandescent	100%			2022	\$3,300			
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2022	\$8,900			
Pier Lighting								
Incandescent	100%			2022	\$2,900			
Span Lighting								
Incandescent	100%			2022	\$7,200			
Raceway								
Box								
Pull Junction	100%			2032	**			
Terminal	100%			2032	**			
Conduit								
Metal	100%			2062	**			
Submarine Control Cables								
Control	100%			2027				
Submarine Power Cable								
Power	100%			2027	\$37,600			
Trough								
Metal	100%			2062	**			
Wires								
Thermoplastic	100%			2042	**			
Span Lock								
Motor								
Squirrel Cage	100%			2037	**			

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER

Asset # : 4319

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing								
Houses								
Access Ways	100%	Now	\$4,700	2062			* *	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : East And West Rest Piers</i>								
<i>Explanation : Hatches At Rest Pier End Lift Need To Be Repaired</i>								
Control House	100%			2062			* *	
Machinery Room	100%			2062			* *	
Main Drive System								
Generic	100%			2062			* *	
<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>								
Structural Bearings								
Generic	100%			2037			* *	
Traffic Devices								
Barrier Gate	100%	Now	\$1,400	2037			* *	
<i>Other Observation, Extent : Severe, Area Affected : 1%</i>								
<i>Location : East And West Barrier Gates</i>								
<i>Explanation : Loose Crash Gate Wire Anchor Base Nuts</i>								
Warning Gate	75%			2037			* *	
Warning Gate	25%	Now	\$300	2037			* *	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North East Gate</i>								
<i>Explanation : Broken Guy Wire</i>								

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$3,249,600	\$272,900
Bridge Electrical	\$1,704,700	\$255,900
Bridge Mechanical	\$1,446,800	
Total	\$6,401,100	\$528,800
Importance Code A	\$2,934,400	\$51,400
Importance Code B	\$3,466,700	\$255,900
Importance Code C		\$221,500
Total	\$6,401,100	\$528,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$76,200		\$19,000	\$3,000
Bridge Mechanical	\$96,000			
Total	\$172,200		\$19,000	\$3,000
Importance Code A	\$6,900		\$800	
Importance Code B	\$136,500			
Importance Code C	\$28,900		\$18,200	\$3,000
Total	\$172,200		\$19,000	\$3,000



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

Maintenance \$ are aggregated over a ten-year period. Site 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 Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	0-2	\$22,300	LIFE			* *	
<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			* *	
Stem (breastwall)								
Concrete	100%	4+	\$139,900	LIFE			* *	
<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			* *	
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%	Now	\$92,800	LIFE			* *	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Piers 8 And 9.</i>								
<i>Rotted, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Piers 8 And 9.</i>								
Approaches								
Pavement								
Asphalt	100%			2026	\$221,500	4	\$11,100	
<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			* *	
Concrete w/ Steel Face	100%			LIFE			* *	
<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			* *	
Guide Railing								
Steel	100%			LIFE			* *	2-8 \$5,800

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

Maintenance \$ are aggregated over a ten-year period. Site 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 Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Sidewalks								
Concrete	100%			LIFE			* *	
Piers								
Cap Beam								
Concrete	65%			LIFE			* *	
Concrete	35%	0-2	\$147,800	LIFE			* *	
								<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>
Pier,Columns								
Concrete	70%			LIFE			* *	
Concrete	30%	0-2	\$82,500	LIFE			* *	
								<i>Cracks, Extent : Moderate, Area Affected : 20%</i>
								<i>Location : Piers 1, 3, 7, 13, 14, And 16</i>
								<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>
								<i>Location : Piers 1, 3, 7, 13, 14, And 16</i>
								<i>Spalling, Extent : Moderate, Area Affected : 20%</i>
								<i>Location : Piers 1, 3, 7, 13, 14, And 16</i>
Stem,Solid Pier								
Concrete	100%			LIFE			* *	
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		2-8	\$8,000	
								<i>Other Observation, Extent : Light, Area Affected : 1%</i>
								<i>Location : Spans 7, 8, 9, 10 And 15.</i>
								<i>Explanation : Spans 7, 8, 9, 10 And 15.</i>
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%	0-2	\$5,700	LIFE			* *	
								<i>Erosion, Extent : Severe, Area Affected : 10%</i>
								<i>Location : Under Spans 10, 11, 12 And 14</i>
Pedestals								
Concrete	100%	0-2	\$18,200	LIFE			* *	
								<i>Other Observation, Extent : Light, Area Affected : 1%</i>
								<i>Location : Pier 9</i>
								<i>Explanation : Pier 8 And 9</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
UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD

Asset # : 4244

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete	100%			2045	**			
Concrete w/ Steel Face	100%	Now	\$800	LIFE	**			
<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	\$400	
Mono Deck Surface								
Concrete	90%			2035	**	5	\$26,600	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 6 - 8 And 10 - 12.</i>								
<i>Explanation : Spans 6 - 8 And 10 - 12.</i>								
Concrete	10%	2-4	\$1,400	2035	**	5	\$13,300	
<i>Cracks, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Spans 6, 7, 8, 10 Through 12</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 6, 7, 8, 10 Through 12</i>								
<i>Explanation : Numerous Patched Potholes,</i>								
Railings/Parapets								
Concrete	100%			2040	**	4		
Steel	95%			LIFE	**	2-8	\$4,300	
Steel	5%	4+	\$300	LIFE	**	2-8	\$4,300	
<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Spans 8 And 10</i>								
Sidewalks								
Asphalt	100%	Now	\$900	2020		4	\$2,200	
<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	
Concrete	10%	4+	\$200	2030	**	5	\$300	
<i>Cracks, Extent : Light, Area Affected : 40%</i>								
<i>Location : Spans 8, 13, 14, And 16.</i>								
Wearing Surface								
Asphalt	90%			2026		5	\$6,000	
Asphalt	10%	0-2	\$300	2030	**	5	\$3,000	
<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+	\$185,700	LIFE	**	5	\$5,500	
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Spans 8, 10,</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 Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Steel	60%			LIFE				**
Steel	40%	Now	\$22,300	LIFE				**
<i>Broken/Missing Elements, 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				**
Concrete	30%	2-4	\$366,800	LIFE		5	\$25,700	**
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Spans 1 Through 7 And 11 Through 17</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 1 Through 7 And 11 Through 17</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 1 Through 7 And 11 Through 17</i>								
Secondary Member								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Spans 8 And 10.</i>								
Movable Bridges								
Bascule Span								
Steel	50%			LIFE				**
Steel	50%	2-4	\$1,762,100	LIFE				**
<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	\$472,000	LIFE				**
<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	\$35,300	2025	\$35,300			
<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

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$56,200	LIFE			* *	
<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+	\$38,400	2045			* *	
<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	\$38,900	2045			* *	
<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/>								
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%	0-2	\$457,400	2045			* *	
<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/>								
Raceway								
Submarine Control Cables								
Not Accessible	100%							
<hr/>								
Wiring								
Generic	100%	0-2	\$987,500	2030			* *	
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Various</i>								
<i>Explanation : Conduit Is Corroded. Wiring Is Damaged.</i>								
<hr/>								
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$41,400	2025	\$138,200			
<i>Broken/Missing Elements, 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/>								
Lighting								
Lighting Devices								
Generic	100%	Now	\$49,400	2023	\$82,400			
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Various</i>								
<i>Explanation : Various Service Lighting Fixtures Are Broken/ Missing</i>								

Bridge 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	

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DEPARTMENT OF TRANSPORTATION - 841
UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD

Asset # : 4244

Bridge 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	Priority
Bascule								
Counter Weight Generic	100%	Now	\$26,200	2040			* *	
<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>								
<hr/>								
Emergency Drive Emergency Power	100%	Now	\$5,200	2028			* *	
<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	\$28,700	2028			* *	
<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>								
<hr/>								
Fuel Tanks Generic	100%	Now	\$600	2030			* *	
<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>								
<hr/>								
Houses								
Access Ways	80%	4+	\$28,900	2028			* *	
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Span Drive Machinery</i>								
<i>Explanation : Mild Corrosion.</i>								
Access Ways	20%	Now	\$18,000	2028			* *	
<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	\$27,700	2040			* *	
<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	\$7,500	2040			* *	
<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>								
<hr/>								
Lock Bars With Motor	100%	Now	\$231,200	2028			* *	
<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>								

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DEPARTMENT OF TRANSPORTATION - 841
UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD

Asset # : 4244

Bridge 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	
Bascule								
Main Drive System Generic	100%	Now	\$345,900	2028			* *	
<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	\$47,200	2040			* *	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Racks</i>								
<i>Explanation : Some Corrosion</i>								
Structural Bearings								
Not Accessible	100%							
Traffic Devices								
Barrier Gate	100%	Now	\$163,200	2028			* *	
<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	\$50,600	2028			* *	
<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	\$561,800	2040			* *	
<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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Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : W 207 ST / UNIVERSITY HEIGHTS BR
Address : W 207 ST/W FORDHAM ROAD
Borough : MANHATTAN:BX. **Agency's Number** : N/A
Program / Asset # : DOT0139.000 / 4243 **Yr Built/Renovated** :
Area Sq Ft : 19,700 **Project Type** : WATERWAY BRIDGES
Date of Survey : 04-May-2010 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240120

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$37,100	\$467,700
Bridge Electrical	\$1,803,900	\$580,700
Bridge Mechanical	\$137,600	
Total	\$1,978,600	\$1,048,400
Importance Code A		\$183,200
Importance Code B	\$1,941,600	\$735,700
Importance Code C	\$37,100	\$129,500
Total	\$1,978,600	\$1,048,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$38,400	\$3,000	\$36,200	
Bridge Electrical	\$64,800			
Bridge Mechanical	\$62,600			
Total	\$165,800	\$3,000	\$36,200	
Importance Code A	\$7,700		\$18,700	
Importance Code B	\$146,200		\$16,500	
Importance Code C	\$11,900	\$3,000	\$900	
Total	\$165,800	\$3,000	\$36,200	



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DEPARTMENT OF TRANSPORTATION - 841
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Masonry	100%			LIFE	**			
Backwall								
Masonry	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Masonry: Granite	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE	**			
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	**			
Riprap	100%			LIFE	**			
Timber	100%			2029	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	85%			LIFE	**			
Timber	15%	0-2	\$18,800	LIFE	**			
<i>Broken/Missing Elements, 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>								
Approaches								
Pavement								
Concrete	100%			2034	**	4	\$35,500	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Guide Railing								
Steel	95%			LIFE	**	2-8	\$5,800	
Steel	5%	0-2	\$300	LIFE	**	2-8	\$5,800	
<i>Damaged Railing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Right Approach</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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	95%			LIFE				**
Concrete	5%	4+	\$100	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Underside Of Sidewalk. Overhang And At Top.</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Underside Of Sidewalk. Overhang.</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE				**
Steel	100%			LIFE				** 2-8
Pier,Columns								
Steel	100%			LIFE			\$28,500	** 2-8
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Pier 1</i>								
Stem,Solid Pier								
Concrete	100%			LIFE				**
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047				**
Steel	100%			LIFE			\$65,200	** 2-8
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE				**
Steel	100%			LIFE				**
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE				**
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 1, 2, And 5.</i>								
<i>Explanation : Spans 1, 2, And 5.</i>								
Steel	100%			LIFE				**
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 2 And 3</i>								
<i>Explanation : Spans 2 And 3</i>								
Guide Railing								
Steel	95%			LIFE				**
Steel	5%	4+	\$2,100	LIFE				**
<i>Damaged Railing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Span 4 Left Side</i>								
Mono Deck Surface								
Concrete	100%			2047			\$67,500	** 5

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DEPARTMENT OF TRANSPORTATION - 841
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Cast Iron	90%			LIFE	**			
Cast Iron	5%	4+	\$3,800	LIFE	**			
<i>Corrosion, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Right Pedestrian Railing Spans 1- 5.</i>								
Cast Iron	5%	Now	\$1,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Spans 2 And 5.</i>								
Sidewalks								
Concrete	100%			2029	**	5	\$6,000	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 1 And 5</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 1 And 5.</i>								
Grating w/ Concrete	100%			2047	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 3 And 4.</i>								
<i>Explanation : Spans 3 And 4.</i>								
Wearing Surface								
Asphalt	100%			2025	\$92,400	5	\$1,900	
Concrete	100%			2034	**	5	\$74,100	
<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 3 And 4.</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$2,200	
Grating w/ Concrete	100%			LIFE	**			
Joints								
Steel	100%			LIFE	**			
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$289,500	
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Spans 1, 2 And 5</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$242,500	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Spans 1, 2 And 5.</i>								
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Spans 3 And 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Movable Bridges								
Swing Span Pivot Pier								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pier 3</i>								
<i>Explanation : Has Masonry Facade.</i>								

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

Communication Electrical								
Communications								
Generic	100%	Now	\$10,600	2021	\$35,300			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entire System</i>								
<i>Explanation : Not Functional.</i>								

Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE			**	
Disconnect Switch								
Generic	100%			2034			**	
Limit Switch								
Generic	100%			2034			**	

Electrical Power								
Dist Equip & Motor Controll								
Generic	100%	Now	\$29,000	2026	\$580,700			
<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>								

Raceway								
Collector Ring								
Metal	100%	2-4	\$16,300	2029			**	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Rim Bearing Lower Level</i>								
<i>Explanation : Colletor Shoes Are Slightly Corroded</i>								

Submarine Control Cables								
Control	100%			2019				
Wiring								
Generic	100%			2019	\$1,529,700			

Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$6,800	2020	\$136,200			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : All Gongs</i>								
<i>Explanation : Gongs Are Not Operational.</i>								

Lighting

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DEPARTMENT OF TRANSPORTATION - 841
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

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

Lighting

Lighting Devices

Generic

100% Now \$2,100 2019 \$102,700

Other Observation, Extent : Light, Area Affected : 50%

Location : Entire System.

Explanation : Several Lamps Missing Or Inoperative.

Bridge 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	Priority

Swing

Center Latch

Generic

100% Now \$65,700 2049 * *

Other Observation, Extent : Moderate, Area Affected : 100%

Location : East Latch

Explanation : East Latch Is Not Driven. Latch Is Failed.

Center Pivot

Generic

100% 2049 * *

Emergency Drive

Emergency Power

100% 2049 * *

Other Observation, Extent : Light, Area Affected : 100%

Location : Emergency Power

Explanation : No Operation Observed.

End Lift

Generic

100% 4+ \$72,000 2049 * *

Other Observation, Extent : Moderate, Area Affected : 20%

Location : End Lift Machinery

Explanation : Machinery Exhibits Corrosion

Houses

Access Ways

90% 2049 * *

Access Ways

10% Now \$4,400 2049 * *

Other Observation, Extent : Light, Area Affected : 100%

Location : Hatch To Center Machinery

Explanation : Hatch Exhibits Moderate Corrosion

Machinery Room

100% 2049 * *

Main Drive System

Generic

100% 4+ \$26,600 2049 * *

Other Observation, Extent : Light, Area Affected : 10%

Location : Span Drive

Explanation : Accumulted Pigeon Debris On Secondary Reducer Machinery

Structural Bearings

Generic

100% 2030 * *

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DEPARTMENT OF TRANSPORTATION - 841
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Traffic Devices								
Barrier Gate	50%			2030			* *	
Barrier Gate	50%	Now	\$18,900	2030			* *	
<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	\$12,700	2030			* *	
<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			* *	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 06-Feb-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2240620

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$2,859,800	\$124,700
Bridge Mechanical	\$80,900	
Total	\$2,940,600	\$124,700
Importance Code A		\$124,700
Importance Code B	\$2,940,600	
Total	\$2,940,600	\$124,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$400	\$1,500	\$13,000	
Bridge Mechanical	\$22,100			
Total	\$22,500	\$1,500	\$13,000	
Importance Code A	\$400	\$1,500	\$13,000	
Importance Code B	\$22,100			
Total	\$22,500	\$1,500	\$13,000	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : End Abutment</i>								
<i>Explanation : Concrete Directly In Contact With The Deck Is In Good Condition.</i>								
Mat (scour & erosion) Earth	100%			LIFE		**		
Stem (breastwall) Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : End Abutment</i>								
<i>Explanation : Concrete Stem.</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Begin Abutment.</i>								
<i>Explanation : Steel Column Stem.</i>								
Wingwalls								
Mat (scour & erosion) Earth	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : End Abutment</i>								
<i>Explanation : Wingwalls At End Abutment.</i>								
Walls Concrete	100%			LIFE		**		
Feature Crossed								
Bank Protection Masonry	100%			LIFE		**		
Pier Protection Timber	50%			LIFE		**		
Timber	50%	Now	\$2,859,800	LIFE		**		
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Pier 6</i>								
<i>Explanation : Fire Damaged Fender System Is Under Repair Now.</i>								
Approaches								
Pavement Asphalt	100%			2030		**	4	
Piers								
Cap Beam Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Pier 8</i>								
<i>Explanation : Concrete Capbeam.</i>								
Steel	100%			LIFE		**	2-8	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1, 3, 4, And 6 Through 8.</i>								
<i>Explanation : Steel Capbeam</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 Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Pier 8</i>								
<i>Explanation : Concrete Columns.</i>								
Steel	100%			LIFE	**	2-8		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1, 3 And 6 Through 8.</i>								
<i>Explanation : Steel Columns.</i>								
Stem,Solid Pier Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 5 And 9.</i>								
<i>Explanation : Concrete Stem</i>								
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$5,300	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1, 3 Through 8.</i>								
<i>Explanation : Steel Bearings.</i>								
Mat (scour & erosion) Earth	97%			LIFE	**			
Earth	3%	0-2	\$400	LIFE	**			
<i>Erosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Span 10.</i>								
Pedestals Concrete	100%			LIFE	**			
Steel	100%			LIFE	**			
Piles								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Piers 1, 3 And 5</i>								
<i>Explanation : Piles Inaccessible.</i>								
Deck Elements								
Railings/Parapets Concrete	100%			2035	**	4	\$4,500	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 10 Only.</i>								
<i>Explanation : Concrete Parapets</i>								
Steel	100%			LIFE	**	2-8	\$8,200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 Through 9.</i>								
<i>Explanation : Steel Rail And Fencing.</i>								
Wearing Surface Concrete	100%			2039	**	5		
Superstructure								
Deck,Structural Concrete	100%			LIFE	**	5	\$13,900	

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
WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER

Asset # : 13872

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

Superstructure

Joints								
Steel	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$232,900	
Movable Bridges								
Vertical Lift Span								
Steel	100%			LIFE	**			
Vertical Lift Tower								
Steel	100%			LIFE	**			
Vertical Lift Pier								
Concrete	100%			LIFE	**			

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

Communication Electrical

Communications								
Not Accessible	100%							
Control System Electrical								
Control Console								
Metal	100%			2046	**			
Disconnect Switch								
Not Accessible	100%							
Limit Switch								
Generic	100%			2046	**			
Electrical Power								
Dist Equip & Motor Controll								
Not Accessible	100%							
Raceway								
Submarine Power Cable								
Not Accessible	100%							
Wiring								
Generic	100%			2031	**			
Lighting								
Lighting Devices								
Generic	100%			2031	**			

Bridge 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	Priority

Vertical Lift

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER
Asset # : 13872

Bridge 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	
Vertical Lift								
Counter Weight Ropes & Gu								
Generic	20%	Now	\$80,900	2029			* *	
<i>Other Observation, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Observed From Span, West Lower Level, No Operation Observed</i>								
<i>Explanation : Rope Assemblies And Guides Have Some Areas Of Light Or Old Lubricant And Corrosion. Some Splay Shims And Cap Nut Missing.</i>								
Generic	80%			2029			* *	
Counter Weight								
Main CTRWT	100%			2054			* *	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Counterweights</i>								
<i>Explanation : No Operations. Observed Only From Span.</i>								
Houses								
Access Ways	100%			2029			* *	
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : Access Ways</i>								
<i>Explanation : Most Of The Accessways Were Not Accessible For Observations.</i>								
Control House	100%	Now	\$13,900	2041			* *	
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Bridge Houses</i>								
<i>Explanation : The Abo House Roof Leaks. Electric And Heat Has Been Shut Off.</i>								
Main Drive System								
Not Accessible	100%							
Sheaves								
Not Accessible	100%							
Traffic Devices								
Barrier Gate	100%	Now	\$8,200	2029			* *	
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Gates</i>								
<i>Explanation : Gate Latches Do Not Fully Engage Without Manual Assistance.</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER
Address : W. 181ST,X-ING HARLEM RIVER
Borough : MANHATTAN:BX. **Agency's Number** : N/A
Program / Asset # : DOT0006.090 / 2441 **Yr Built/Renovated** : 1888 /
Area Sq Ft : 133,600 **Project Type** : WATERWAY BRIDGES
Date of Survey : 07-Nov-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** : 2066919

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$5,858,900	\$9,198,300
Total	\$5,858,900	\$9,198,300
Importance Code A	\$2,390,800	\$2,733,300
Importance Code B	\$854,300	\$2,644,700
Importance Code C	\$2,613,800	\$3,820,400
Total	\$5,858,900	\$9,198,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$55,500		\$532,500	
Total	\$55,500		\$532,500	
Importance Code A	\$10,400		\$267,300	
Importance Code B			\$265,200	
Importance Code C	\$45,100			
Total	\$55,500		\$532,500	



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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
WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER

Asset # : 2441

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Stem (breastwall)								
Granite	75%			LIFE			* *	
Granite	25%	4+	\$326,300	LIFE			* *	
			<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%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Granite	70%			LIFE			* *	
Granite	30%	4+	\$154,200	LIFE			* *	
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Leakage, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
Feature Crossed								
Bank Protection								
Masonry	100%			LIFE			* *	
Riprap	100%			LIFE			* *	
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	60%	4+	\$17,200	2026	\$860,800	4	\$18,100	
			<i>Cracks, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Asphalt	40%	2-4	\$172,200	2026	\$573,800	4	\$18,100	
			<i>Settlement, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : At End Approach</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
			<i>Rust Stains, Extent : Light, Area Affected : 70%</i>					
			<i>Location : Throughout</i>					
Embankment								
Earth	100%			LIFE			* *	
			<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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	100%	4+	\$5,600	2034	**	4	\$4,600	
	<i>Spalling, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
Steel	100%			LIFE	**	2-8	\$5,800	
	<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>							
Median								
Concrete	100%	4+	\$4,800	LIFE	**			
	<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>							
Railings/Parapets								
Steel	100%			LIFE	**			
	<i>Rust Stains, Extent : Light, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
Sidewalks								
Concrete	90%			LIFE	**			
Concrete	10%	4+	\$2,600	LIFE	**			
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At End Approach</i>							
Piers								
Cap Beam								
Masonry	100%			LIFE	**			
Stem,Solid Pier								
Granite	90%			LIFE	**			
Granite	10%	4+	\$170,800	LIFE	**			
	<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>							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$5,500	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Steel	100%			LIFE	**			
	<i>Corrosion, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Piles								
Not Accessible	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.

DEPARTMENT OF TRANSPORTATION - 841
WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER

Asset # : 2441

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Guide Railing								
Concrete	100%	4+	\$143,400	2038		**		
<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+	\$100,700	LIFE		**	5	\$9,500
<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+	\$147,100	2034		**	5	\$11,800
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Spalling</i>								
Steel	100%	4+	\$36,200	LIFE		**	2-8	\$46,700
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$16,000	2030		**	5	\$5,200
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%			2026	\$1,487,200		5	\$103,900
Concrete	10%	0-2	\$321,500	2021	\$1,607,500		5	\$423,300
<i>Spalling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	90%	Now	\$289,300	2034		**	5	\$423,300
<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		**		
<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	\$88,600

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Steel	70%			LIFE			**	
Steel	30%	0-2	\$26,500	LIFE			**	
<i>Broken/Missing Elements, 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			**	
Steel	2%	4+	\$1,035,000	LIFE		2-8	\$2,469,800	**
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Stone	70%			LIFE			**	
Masonry: Stone	30%	4+	\$928,300	LIFE			**	
<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	\$2,069,000	**
Steel	25%	2-4	\$357,200	LIFE		2-8	\$2,069,000	**
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : WILLIS AVE BRIDGE RAMP TO BRUCKNER BLVD.
Address : E 125TH STREET OVER HARLEM RIVER TO BRUCKNER BLVD
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0040.0B0 / 14727 **Yr Built/Renovated** :
Area Sq Ft : 18,778 **Project Type** : WATERWAY BRIDGES
Date of Survey : 24-Aug-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 224005B

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure			\$800	
Total			\$800	
Importance Code C			\$800	
Total			\$800	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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 RAMP TO BRUCKNER BLVD.

Asset # : 14727

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	** *			
Backwall								
Concrete	100%			LIFE	** *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	** *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	** *			
Mat (scour & erosion)								
Generic	100%			LIFE	** *			
Pedestals								
Concrete	100%			LIFE	** *			
Stem (breastwall)								
Concrete	100%			LIFE	** *			
Walls								
Concrete	100%			LIFE	** *			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Masonry: Schist / Gneiss</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	** *			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%			LIFE	** *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	** *			
Approaches								
Pavement								
Asphalt	100%			2028	** *	4	\$1,500	
Mat (scour & erosion)								
Earth	100%			LIFE	** *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	** *			
Piers								
Cap Beam								
Concrete	100%			LIFE	** *			
Pier,Columns								
Concrete	100%			LIFE	** *			

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

Maintenance \$ are aggregated over a ten-year period. Site 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 RAMP TO BRUCKNER BLVD.

Asset # : 14727

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE		* *		
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047		* *		
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Concrete	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2036		* *	4	
Wearing Surface								
Concrete	100%			2036		* *	5	
Scupper								
Cast Iron	100%			LIFE		* *		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE		* *	5	
Joints								
Generic	100%			LIFE		* *		
Primary Member								
Steel	100%			LIFE		* *	2-8	
Secondary Member								
Steel	100%			LIFE		* *	2-8	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure		\$622,200
Total		\$622,200
Importance Code A		\$345,700
Importance Code B		\$276,400
Total		\$622,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$14,200		\$69,800	
Total	\$14,200		\$69,800	
Importance Code A	\$14,200		\$34,700	
Importance Code B			\$27,700	
Importance Code C			\$7,400	
Total	\$14,200		\$69,800	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
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	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2045	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Concrete	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2034	**	4		
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Railings/Parapets								
Concrete	100%			2034	**			
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$160,200	
Pier,Columns								
Concrete	100%			LIFE	**			
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2045	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Mono Deck Surface								
Concrete	100%			2045	**	5	\$14,800	
Railings/Parapets								
Concrete	100%			2034	**	4	\$42,500	
Scupper								
Cast Iron	100%			LIFE	**			
<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	\$30,700	
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$516,300	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$432,500	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : WILLIS AVE. BRIDGE MOVABLE SPAN 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** : 2008 /
Area Sq Ft : 89,289 **Project Type** : WATERWAY BRIDGES
Date of Survey : 23-Feb-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : Lot : BIN : 2240059

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bridge Structure	\$180,500	\$2,239,700
Bridge Electrical		\$1,246,200
Total	\$180,500	\$3,485,900
Importance Code A		\$1,175,500
Importance Code B		\$2,129,900
Importance Code C	\$180,500	\$180,500
Total	\$180,500	\$3,485,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bridge Structure	\$18,700		\$192,100	\$65,300
Bridge Electrical				
Bridge Mechanical	\$86,200		\$86,200	
Total	\$104,900		\$278,300	\$65,300
Importance Code A			\$103,500	\$38,500
Importance Code B	\$86,200		\$174,800	
Importance Code C	\$18,700			\$26,800
Total	\$104,900		\$278,300	\$65,300



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

Maintenance \$ are aggregated over a ten-year period. Site 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 MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			2056	**			
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE	**			
Mat (scour & erosion) Not Accessible	100%							
Stem (breastwall) Concrete	100%			LIFE	**			
Granite	100%			LIFE	**			
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE	**			
Granite	100%			LIFE	**			
Feature Crossed								
Bank Protection Concrete	100%			LIFE	**			
Riprap	100%			LIFE	**			
Mat (scour & erosion) Not Accessible	100%							
Pier Protection Concrete	100%			LIFE	**			
Approaches								
Pavement Concrete	100%			2041	**	4	\$53,600	
Curbs Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Both Approaches.</i>								
<i>Explanation : Curbs Are Incorporated Into The Barrier.</i>								
Embankment Not Accessible	100%							

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

DEPARTMENT OF TRANSPORTATION - 841
WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	100%			2041	**	4	\$13,200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Both Approaches.</i>								
<i>Explanation : Guide Railing Is Located On Both Sides Of The Roadway.</i>								
Steel	100%			LIFE	**	2-8	\$13,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Both Approaches.</i>								
<i>Explanation : Guide Railing Is Located On Both Sides Of The Roadway.</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Both Approaches.</i>								
<i>Explanation : Pedestrian Railing Along North Side.</i>								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Both Approaches.</i>								
<i>Explanation : Pedestrian Railing Along North Side.</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Both Approaches.</i>								
<i>Explanation : Sidewalk On North Side Only.</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1 - 5, 7 - 12.</i>								
<i>Explanation : Concrete Capbeams</i>								
Steel	100%			LIFE	**	2-8	\$261,800	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 6, 13, 14.</i>								
<i>Explanation : Steel Capbeams</i>								
Pier,Columns								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 2, 3, 12 - 14.</i>								
<i>Explanation : Concrete Pier Columns.</i>								
Granite	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1, 4 - 12.</i>								
<i>Explanation : Granite Pier Columns.</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
WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier Granite	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Pier 6</i>								
<i>Explanation : Granite Solid Stem.</i>								
Brngs,Ancr Blts,Pads Under Construction	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 9 - 13.</i>								
<i>Explanation : Earth Mat.</i>								
Pedestals Concrete	100%			LIFE		**		
Deck Elements								
Curbs Concrete	100%			2056		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 15.</i>								
<i>Explanation : Curb Is Integral With Traffic Barrier.</i>								
Guide Railing Concrete	100%			2046		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 15.</i>								
<i>Explanation : Guide Railing Is Located On Both Side Of The Roadway.</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 15.</i>								
<i>Explanation : Guide Railing Is Located On Both Sides Of The Roadway.</i>								
Railings/Parapets Concrete	100%			2041		**	4	\$63,800
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 15.</i>								
<i>Explanation : Pedestrian Railing Along North Side Only.</i>								
Steel	100%			LIFE		**	2-8	\$87,600
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 15.</i>								
<i>Explanation : Pedestrian Railing On North Side Only.</i>								
Sidewalks Concrete	100%	4+	\$18,700	2036		**	5	\$34,200
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Spans 8 - 11.</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 15.</i>								
<i>Explanation : Sidewalk On North Side Only.</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
WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	100%			2041	**	5	\$361,000	
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1 - 5, And 8 - 15.</i>						
		<i>Explanation : Concrete Wearing Surface.</i>						
Steel Grating	100%			LIFE	**	5		
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 6 And 7.</i>						
		<i>Explanation : Steel Grating Wearing Surface.</i>						
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$83,400	
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1 - 5, And 8 - 15.</i>						
		<i>Explanation : Concrete Deck.</i>						
Steel Grating	100%			LIFE	**	5	\$66,400	
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 6 And 7.</i>						
		<i>Explanation : Steel Grating In Swing Spans</i>						
Joints								
Generic	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Piers 2, 4, 5, 7, 8, 10, 11, 13 And 14.</i>						
		<i>Explanation : Joints.</i>						
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,650,700	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,382,800	
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	**			
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Communications								
Generic	100%			2026	\$75,000			
Control System Electrical								
Computer								
PLC	100%			2026	\$956,200			
Control Console								
Stainless Steel	100%			LIFE	**			

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

Maintenance \$ are aggregated over a ten-year period. Site 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 MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge Electrical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Disconnect Switch								
Non Fused	100%			2046		* *		
Limit Switch								
Rotary	100%			2026	\$72,200			
Electrical Power								
Transfer Switch								
Auto	100%			2046		* *		
Transformer								
Dry	100%			2046		* *		
Dist Equip & Motor Controll								
Generic	100%			2046		* *		
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2031		* *		
Ground Rod								
Copper	100%			2026	\$42,300			
Ground Wire								
Green	100%			2031		* *		
Copper Down Contactor	100%			2031		* *		
Lightning Terminals								
Copper	100%			2026	\$100,500			
Power Over 600V								
Service Equipment								
Fused Switch	100%			2046		* *		
Transformer								
Dry	100%			2046		* *		
Raceway								
Conduit								
Metal	100%			2066		* *		
Submarine Control Cables								
Control	100%			2031		* *		
Wires								
Thermoplastic	100%			2046		* *		
Span Lock								
Motor								
Squirrel Cage	100%			2041		* *		
Stand-by Power								
Transfer Switch								
Auto	100%			2046		* *		
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2026	\$30,000			
Traffic Gate Lighting								
Incandescent	100%			2026	\$30,000			
Lighting								
Lighting Devices								
Generic	100%			2031		* *		

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

Maintenance \$ are aggregated over a ten-year period. Site 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 MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge 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	
Swing								
Center Latch Generic	100%			2066	**	2	\$22,500	
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Center Latches</i> <i>Explanation : No Operation Observed. Minor Leakage And Bar Dry. Contractor To Address.</i>								
Center Lift Generic	100%			2066	**	2	\$26,900	
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Center Lift</i> <i>Explanation : No Operation Observed.</i>								
Center Pivot Generic	100%			2066	**	2	\$67,400	
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Center Pivot</i> <i>Explanation : No Operation Observed. Minor Leakage And Breather Saturated. Contractor To Address.</i>								
Emergency Drive Emergency Power	100%			2066	**	2	\$44,900	
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Emergency Drive Hpu</i> <i>Explanation : No Operation Observed. Small Crack In Hpu Engine Belt Cover. Exhaust May Need To Be Sealed. Contractor To Address.</i>								
End Lift Generic	100%			2066	**	2	\$44,900	
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : End Lifts</i> <i>Explanation : No Operation Observed.</i>								
Fuel Tanks Generic	100%			2046	**			
Houses								
Access Ways	100%			2066	**			
Control House	100%			2066	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Control House And Abo House</i> <i>Explanation : Control Room Door Knob Loose. No Hot Water Observed In Abo House. Contractor To Address.</i>								
HVAC	100%			2066	**			
Machinery Room	100%			2066	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Machinery Room</i> <i>Explanation : Small Leak In Ceiling Of Machinery Room. Fire Extinguisher Missing 1 Out Of 4 Doors. Contractor To Address.</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
WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER
Asset # : 4239

Bridge 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	
Swing								
Main Drive System								
Generic	100%			2066	**	2	\$224,500	
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Operating Machinery</i>								
<i>Explanation : No Operation Observed. Minor Maintenance And Paint Repair Required, Some Covers Removed. Contractor To Address.</i>								
Rack								
Generic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Rack</i>								
<i>Explanation : No Operation Observed. Some Spots Dry Of Lubricant. Contractor To Address</i>								
Traffic Devices								
Barrier Gate	100%			2041	**			
<i>Other Observation, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Barrier Gates, Observed From North Sidewalk Only</i>								
<i>Explanation : No Operation Observed. Some Guy Wire Need Repair And Or Adjustment. Contractor To Address.</i>								
Signals	100%			2041	**			
Warning Gate	100%			2041	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Warning Gates, Observed From North Sidewalk Only</i>								
<i>Explanation : No Operation Observed. Some Adjustments May Be Required. Contractor To Address.</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 7,760 **Project Type** : FERRIES
Date of Survey : 02-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 5649 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$382,100	
Total	\$382,100	
Importance Code A	\$202,500	
Importance Code B	\$179,600	
Total	\$382,100	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$3,300			
Total	\$3,300			
Importance Code A				
Importance Code B	\$3,300			
Total	\$3,300			



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Deck								
Concrete	50%			LIFE	**	5	\$7,200	
		<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	20%	4+	\$90,900	LIFE	**	5	\$2,900	
		<i>Spalling, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : At Loading Ramp And At Northwest Corner</i>						
		<i>Surface Wearing/Scaling, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : At Construction Joints On North Side Of Pier</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 80%</i>						
		<i>Location : At Shoreline Abutment</i>						
		<i>Explanation : Undermining</i>						
Not Accessible	30%							
Pile Caps								
Timber	55%			LIFE	**	4	\$33,500	
		<i>Rotting/Splitting, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Throughout</i>						
Not Accessible	45%							
Piles and Bracing								
Timber	30%	4+	\$111,600	LIFE	**	4-5	\$10,400	
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 60%</i>						
		<i>Location : Trestle And Pier Head</i>						
Timber	20%			LIFE	**	4-5	\$7,000	
		<i>Rotting/Splitting, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
Not Accessible	50%							
Fender								
Wales and Chocks								
Timber	65%	Now	\$63,500	2041	**	4	\$19,400	
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
No Component	35%							
Piles								
Timber	30%	Now	\$116,100	2041	**	4	\$4,100	
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Offshore End</i>						
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 75%</i>						
		<i>Location : Offshore End</i>						
No Component	20%							
Not Accessible	50%							

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Pile Cluster								
Timber	85%			2024		4-10		
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : In Tidal Zone</i>						
Not Accessible	15%							
Deck Elements								
Coping/Curb								
Timber	10%	Now	\$3,300	LIFE				* *
		<i>Missing Part, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Several Sections Throughout Pier</i>						
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Several Sections Throughout Pier</i>						
Timber	90%			LIFE				* *

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : EAST 34TH STREET FERRY 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** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers		\$49,600
Total		\$49,600
Importance Code A		\$49,600
Total		\$49,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers		\$11,500		
Total		\$11,500		
Importance Code A				
Importance Code B		\$7,600		
Importance Code C		\$3,900		
Total		\$11,500		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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 FERRY PIER
Asset # : 14638

Piers System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Structural							
Deck							
Concrete	50%			LIFE	**	5	\$6,000
Not Accessible	50%						
Deck Surface							
Asphalt Pavers	60%			2039	**		
Timber	30%			2039	**	5	\$7,800
Not Accessible	10%						
Pile Caps							
Concrete	100%			LIFE	**	5	\$400
Piles and Bracing							
Steel	50%			LIFE	**	5	\$49,600
		<i>Corrosion, Extent : Light, Area Affected : 40%</i>					
		<i>Location : Throughout Tidal Zone On H-piles</i>					
Not Accessible	50%						
Fender							
Wales and Chocks							
Timber	60%			2039	**	4	\$18,500
No Component	40%						
Piles							
Timber	30%			2039	**	4	\$4,300
No Component	40%						
Not Accessible	30%						
Pile Cluster							
Timber	70%			2028	**	4-10	
Not Accessible	30%						
Deck Elements							
Railing							
Steel	100%			2024			

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

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

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

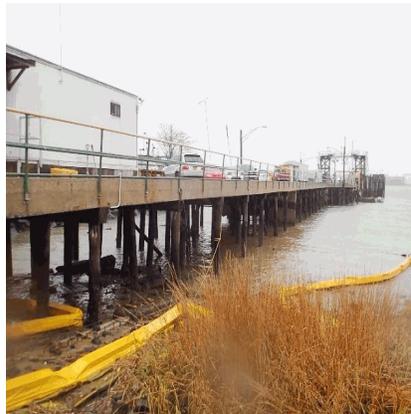
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 09-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 5643 **Lot** : 260 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$338,700	
Total	\$338,700	
Importance Code A	\$338,700	
Total	\$338,700	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers				
Total				
Importance Code 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
FERRY DOCKS CONCRETE PIER
Asset # : 1815

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck								
Concrete	25%	4+	\$147,800	LIFE	**	5	\$4,700	
<i>Corrosion of Reinforcement, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout Underside Of Deck</i>								
<i>Spalling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout Underside Of Deck</i>								
Concrete	75%			LIFE	**	5	\$14,100	
<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	\$26,900	LIFE	**	5	\$600	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Bottom Half Of Firewall At Bents 10 And 19</i>								
Concrete	50%	4+	\$16,100	LIFE	**	5	\$600	
<i>Cracking, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Top Half Of Firewall At Bents 10 And 19</i>								
Pile Caps								
Timber	10%	4+	\$51,200	LIFE	**	4	\$7,900	
<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	
<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Piles and Bracing								
Timber	40%			LIFE	**	4-5	\$18,100	
<i>Rotting/Splitting, Extent : Light, Area Affected : 100%</i>								
<i>Location : Piles Throughout</i>								
Timber	30%	4+	\$96,700	LIFE	**	4-5	\$13,600	
<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%							
Deck Elements								

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
FERRY DOCKS CONCRETE PIER
Asset # : 1815

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

Deck Elements

Railing

Steel

100%

2024

*Corrosion, Extent : Light, Area Affected : 10%**Location : Throughout**Displaced Elements, Extent : Light, Area Affected : 50%**Location : East Rail At Inshore Half Of The Pier*

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : FERRY MAINTENANCE FACILITY PIER 1
Address : FORMER U. S. C. G. BASE SOUTHERN END OF MAINT BUILDING
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0146.000 / 4523 **Yr Built/Renovated** :
Area Sq Ft : 49,870 **Project Type** : FERRIES
Date of Survey : 04-Mar-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : 1 **Lot** : 70 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$323,800	\$419,800
Total	\$323,800	\$419,800
Importance Code A	\$172,000	\$92,000
Importance Code C	\$151,800	\$327,800
Total	\$323,800	\$419,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$47,800			\$5,600
Total	\$47,800			\$5,600
Importance Code A	\$46,700			
Importance Code B	\$1,100			
Importance Code C				\$5,600
Total	\$47,800			\$5,600



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Deck								
Concrete	2%	Now	\$23,400	LIFE	**	5	\$1,900	
			<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	
Not Accessible	1%							
			<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+	\$172,000	LIFE	**	5	\$800	
			<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	
Piles and Bracing								
Caissons	5%	4+	\$23,300	LIFE	**	5	\$3,100	
			<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	
			<i>Rotting/Splitting, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Isolated Throughout Tidal Zone</i>					
Not Accessible	75%							
			<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	\$151,800	2028	**	4	\$11,200	
			<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	\$253,000	4-10	\$86,100	
Not Accessible	60%							
Deck Elements								
Railing								
Steel	100%			2023				
Coping/Curb								
Timber	99%			LIFE	**			
Timber	1%	Now	\$1,100	LIFE	**			
			<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : FERRY MAINTENANCE FACILITY PIER B1
Address : FORMER U. S. C. G. BASE NORTH SIDE OF MAINT BLDG
Borough : STATEN ISLAND Agency's Number : N/A
Program / Asset # : DOT0144.000 / 4521 Yr Built/Renovated :
Area Sq Ft : 24,350 Project Type : FERRIES
Date of Survey : 04-Mar-2013 Landmark Status : NONE
Areas Surveyed :
Block : 1 Lot : 70 BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$89,500	\$75,900
Total	\$89,500	\$75,900
Importance Code A	\$38,900	
Importance Code C	\$50,600	\$75,900
Total	\$89,500	\$75,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$117,100			\$33,100
Total	\$117,100			\$33,100
Importance Code A	\$53,300			
Importance Code B	\$62,100			\$33,100
Importance Code C	\$1,700			
Total	\$117,100			\$33,100



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.

DEPARTMENT OF TRANSPORTATION - 841
FERRY MAINTENANCE FACILITY PIER B1
Asset # : 4521

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Deck								
Concrete	2%	4+	\$28,500	LIFE	**	5	\$900	
			<i>Cracking, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Center Pier, 150 Feet 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	
Not Accessible	25%							
Firewalls								
Concrete	100%			LIFE	**	5	\$2,700	
Pile Caps								
Timber	98%			LIFE	**	4	\$187,500	
Timber	2%	2-4	\$24,700	LIFE	**	4	\$3,800	
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Ends Of Offshore Pile Caps</i>					
Piles and Bracing								
Timber	2%	Now	\$38,900	LIFE	**	4-5	\$2,200	
			<i>Broken, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
Timber	28%			LIFE	**	4-5	\$30,500	
Not Accessible	70%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location :</i>					
			<i>Explanation : 15% Encased</i>					
Fender								
Buffer								
Rubber	100%			2033	**	4-5	\$26,800	
Wales and Chocks								
Timber	90%			2033	**	4	\$50,000	
Timber	10%	4+	\$22,700	2033	**	4	\$5,600	
			<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	\$14,400	2039	**	4	\$500	
			<i>Broken, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Timber	33%			2033	**	4	\$8,500	
Not Accessible	65%							

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
FERRY MAINTENANCE FACILITY PIER B1
Asset # : 4521

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Pile Cluster								
Timber	30%			2022	\$75,900	4-10	\$27,500	
		<i>Worn, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Tidal Zone</i>						
Timber	20%	Now	\$50,600	2029	**	4	\$2,200	
		<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%							
Deck Elements								
Coping/Curb								
Concrete	8%			LIFE	**			
Concrete	2%	2-4	\$10,200	LIFE	**			
		<i>Broken, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : North End</i>						
Timber	89%			LIFE	**			
Timber	1%	Now	\$5,200	LIFE	**			
		<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : FERRY MAINTENANCE FACILITY PIER B2
Address : FORMER U. S. C. G. BASE LARGEST PIER INFRONT MAINT BLDG
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0145.000 / 4522 **Yr Built/Renovated** :
Area Sq Ft : 61,238 **Project Type** : FERRIES
Date of Survey : 04-Mar-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : 1 **Lot** : 70 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$308,400	\$121,400
Total	\$308,400	\$121,400
Importance Code A	\$188,900	\$121,400
Importance Code B	\$119,500	
Total	\$308,400	\$121,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$38,500			\$33,500
Total	\$38,500			\$33,500
Importance Code A				
Importance Code B	\$38,500			\$33,500
Total	\$38,500			\$33,500



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Deck								
Concrete	75%			LIFE	**	5	\$85,600	
			<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%							
Firewalls								
Concrete	70%			LIFE	**	5	\$4,800	
Not Accessible	30%							
Pile Caps								
Concrete	2%			LIFE	**	5	\$100	
Timber	98%			LIFE	**	4	\$471,600	
Piles and Bracing								
Steel	2%	4+	\$91,100	LIFE	**	5	\$18,800	
			<i>Corrosion, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Above Mean Low Water Elevation</i>					
Timber	2%	4+	\$97,800	LIFE	**	4-5	\$5,500	
			<i>Rotting/Splitting, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Timber	16%			LIFE	**	4-5	\$43,900	
Not Accessible	80%							
			<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	\$44,500	
Wales and Chocks								
Timber	45%			2033	**	4	\$41,500	
Timber	5%	4+	\$22,600	2033	**	4	\$4,600	
			<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%							
Piles								
Timber	8%	4+	\$95,600	2039	**	4	\$3,400	
			<i>Worn, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Above Mean Low Water Elevation</i>					
Timber	2%	Now	\$23,900	2039	**	4	\$900	
			<i>Broken, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : At One Location</i>					
Timber	30%			2033	**	4	\$12,800	
Not Accessible	60%							

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

Maintenance \$ are aggregated over a ten-year period. Site 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Coping/Curb								
Concrete	5%			LIFE		**		
Timber	95%			LIFE		**		
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 14-Oct-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 36 **Lot** : 18 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers		\$1,204,300
Total		\$1,204,300
Importance Code B		\$1,204,300
Total		\$1,204,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$13,100	\$32,000	\$10,900	
Total	\$13,100	\$32,000	\$10,900	
Importance Code A				
Importance Code B	\$6,000	\$32,000		
Importance Code C	\$7,100		\$10,900	
Total	\$13,100	\$32,000	\$10,900	



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
PIER 11/WALL ST. FERRY PIER
Asset # : 4340

Piers		Current Repair		Future Replacement		Maintenance		Priority
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	
Not Accessible	95%							
Deck Surface								
Concrete	100%			2035	**	5	\$21,800	
			<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		
			<i>Spalling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Offshore Structure South Face</i>					
Not Accessible	98%							
Piles and Bracing								
Concrete	5%			LIFE	**	5	\$5,000	
Not Accessible	95%							
Fender								
Wales and Chocks								
Timber	75%			2035	**	4	\$76,900	
No Component	25%							
Piles								
Timber	40%			2039	**	4	\$19,000	
			<i>Recent Repair Evident, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Offshore Face</i>					
No Component	25%							
Not Accessible	35%							
Pile Cluster								
Timber	35%	4+	\$7,100	2027	\$17,700	4	\$800	
			<i>Broken, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Spacer Piece On One 3 Pile Cluster</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 15%</i>					
			<i>Location : Southeast Cluster</i>					
			<i>Explanation : Loose Cable</i>					
Not Accessible	65%							
Deck Elements								
Railing								
Steel	95%			2025	\$1,144,100			
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Steel	5%	4+	\$6,000	2024	\$60,200			
			<i>Displaced Elements, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Mid Point On North Side 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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 10-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers		\$254,600
Total		\$254,600
Importance Code A		\$152,900
Importance Code B		\$101,700
Total		\$254,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$1,800			
Total	\$1,800			
Importance Code A				
Importance Code B	\$1,800			
Total	\$1,800			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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
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	
<i>Discolor & Bleeding, Extent : Light, Area Affected : 25%</i>								
<i>Location : Deck Surface Stringers</i>								
Steel	40%			2027	\$152,900	5	\$28,000	
Not Accessible	30%							
Pile Caps								
Concrete	70%			LIFE	**	5	\$400	
Not Accessible	30%							
Piles and Bracing								
Concrete	35%			LIFE	**	5	\$9,300	
Not Accessible	65%							
Fender								
Piles								
Timber	10%			2022	\$101,700	4	\$5,400	
<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Piles Along West Face Only</i>								
No Component	85%							
Not Accessible	5%							
Deck Elements								
Railing								
Steel	10%			2025				
Fiberglass	70%			2030	**			
No Component	20%							

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 10-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$38,700	\$159,100
Total	\$38,700	\$159,100
Importance Code A		\$159,100
Importance Code B	\$38,700	
Total	\$38,700	\$159,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers				\$700
Total				\$700
Importance Code A				
Importance Code B				\$700
Total				\$700



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck								
Concrete	50%			LIFE	**	5	\$32,100	
		<i>Cracking, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Isolated Throughout</i>						
Not Accessible	50%							
Piles and Bracing								
Steel	30%			LIFE	**	5	\$159,100	
		<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Above Mlw</i>						
Not Accessible	70%							
Coping/Curb								
Concrete	20%			LIFE	**			
		<i>Cracking, Extent : Light, Area Affected : 10%</i>						
		<i>Location : North End</i>						
No Component	80%							
Fender Facing								
Timber	10%	0-2	\$38,700	2041	**	3	\$2,200	
		<i>Displaced Elements, Extent : Severe, Area Affected : 30%</i>						
		<i>Location : Wharf Face</i>						
No Component	90%							
Deck Elements								
Railing								
Fencing	90%			2030	**	3		
No Component	10%							

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 09-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 1 **Lot** : 68 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Piers	\$284,400	\$352,800
Total	\$284,400	\$352,800
Importance Code A	\$284,400	\$352,800
Total	\$284,400	\$352,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Piers	\$31,300	\$23,800	\$8,500	
Total	\$31,300	\$23,800	\$8,500	
Importance Code A				
Importance Code B	\$31,300	\$17,900		
Importance Code C		\$5,800	\$8,500	
Total	\$31,300	\$23,800	\$8,500	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural Deck								
Concrete	50%			LIFE	**	5	\$32,900	
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Not Accessible	50%							
Deck Surface								
Asphalt	30%			2029	**	5	\$11,700	
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Isolated Throughout</i>					
Concrete	70%			2035	**	5	\$16,900	
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Isolated Throughout</i>					
Pile Caps								
Concrete	90%			LIFE	**	5	\$2,100	
			<i>Spalling, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Isolated Offshore Corners</i>					
Timber	10%			LIFE	**	4	\$27,700	
Piles and Bracing								
Steel	65%	4+	\$284,400	LIFE	**	5	\$352,800	
			<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Throughout Tidal Zone</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 25%</i>					
			<i>Location : Throughout Braced Pipe Piles</i>					
			<i>Explanation : Numerous Broken Pipe Braces</i>					
Timber	10%			LIFE	**	4-5	\$15,800	
Not Accessible	25%							
Fender								
Wales and Chocks								
Timber	65%			2035	**	4	\$47,100	
No Component	35%							
Piles								
Timber	5%	0-2	\$31,300	2041	**	4	\$1,100	
			<i>Broken, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Isolated Throughout South Wharf</i>					
Timber	20%			2035	**	4	\$6,700	
No Component	35%							
Not Accessible	40%							
Deck Elements								
Coping/Curb								
Timber	90%			LIFE	**			
No Component	10%							

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : **BULKHEAD, PIER 26**
 Address : **HUDSON RIVER N OF HUBERT TO S OF N MOORE ST**
 Borough : **MANHATTAN** Agency's Number : **N/A**
 Program / Asset # : **DOT0127.030 / 1809** Yr Built/Renovated :
 Linear Ft : **580** Project Type : **FERRIES**
 Date of Survey : **13-Oct-2014** Landmark Status : **NONE**
 Areas Surveyed :
 Block : **184** Lot : **8** BIN :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads		\$138,600
Total		\$138,600
Importance Code B		\$138,600
Total		\$138,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads				
Total				
Importance Code 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
BULKHEAD, PIER 26
Asset # : 1809

Bulkheads	Current Repair		Future Replacement		Maintenance		Priority
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	\$12,300
		<i>Cracking, Extent : Light, Area Affected : 10%</i>					
		<i>Location : In Concrete Cap Element</i>					
		<i>Missing Block Seal, Extent : Light, Area Affected : 35%</i>					
		<i>Location : Throughout</i>					
Not Accessible	75%						
Backfill							
Fill							
Not Accessible	100%						
Surface							
Stone	65%			2039	**	10	
Under Construction	35%						
Deck Elements							
Railing							
Steel	25%			2025			\$138,600
No Component	75%						

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : BULKHEAD, WHITEHALL FERRY TERM.
Address : UPPER NEW YORK BAY SOUTH ST AND WHITEHALL ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0127.020 / 1808 **Yr Built/Renovated** :
Linear Ft : 390 **Project Type** : FERRIES
Date of Survey : 14-Oct-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 3 **Lot** : 1 **BIN** :

CAPITAL

Total
 Importance Code
Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads		\$1,800	\$400	
Total		\$1,800	\$400	
Importance Code B		\$1,800	\$400	
Importance Code C				
Total		\$1,800	\$400	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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, WHITEHALL FERRY TERM.
Asset # : 1808

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Gravity Wall								
Not Accessible	100%							
Revetment								
Stone	10%			LIFE	**	5	\$200	
No Component	90%							
Backfill								
Fill								
Not Accessible	100%							
Surface								
Asphalt	60%			2039	**	5	\$2,700	
			<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Isolated</i>					
Asphalt Pavers	20%			2039	**	5	\$900	
Concrete	20%			2035	**	5	\$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.

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : DOT HARPER ST. FLEET FACILITY 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 : 10-Oct-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 1790 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$1,178,600	
Total	\$1,178,600	
Importance Code A	\$877,400	
Importance Code B	\$301,200	
Total	\$1,178,600	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$4,900	\$800		
Total	\$4,900	\$800		
Importance Code A				
Importance Code B	\$4,900	\$800		
Total	\$4,900	\$800		



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

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

Asset # : 1792

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Relieving Platform Top								
Concrete	15%	2-4	\$165,800	LIFE	**	5	\$400	
	<i>Erosion, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : At Vertical Joints And In Tidal Zone</i>							
Concrete	45%			LIFE	**	5	\$1,100	
Timber	35%	Now	\$386,800	LIFE	**	4-5	\$7,500	
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Western 250 Feet</i>							
	<i>Explanation : Collapsed Or Collapsing</i>							
Timber	5%	4+	\$55,300	LIFE	**	4-5	\$1,100	
	<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Between Collapsed Section And Concrete Platform</i>							
<hr/>								
Piles and Bracing								
Timber	35%	Now	\$269,500	2041	**	4	\$34,300	
	<i>Broken, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Western 200 Feet Beneath Collapsed Platform</i>							
Not Accessible	65%							
<hr/>								
Backfill								
Fill								
Stone	35%	Now	\$62,100	LIFE	**	5	\$200	
	<i>Loss of Backfill, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Western 200 Feet</i>							
Not Accessible	65%							
<hr/>								
Surface								
Asphalt	10%			2029	**	5	\$700	
Topsoil	35%	Now	\$4,900	2026	\$12,300	5	\$500	
	<i>Missing Part, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Western 200 Feet</i>							
Topsoil	30%			2024	\$10,600	5	\$900	
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Eastern 400 Feet</i>							
	<i>Explanation : Vegetation</i>							
Not Accessible	25%							
<hr/>								
Fender								
Piles								
Timber	100%	Now	\$123,000	2041	**	4	\$15,700	1
	<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>							
<hr/>								
Wales and Chocks								
Timber	100%	Now	\$116,200	2041	**	4	\$35,500	
	<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : FERRY DOCKS GRAVITY WALL AND REVETMENT
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 : 09-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 5643 **Lot** : 260 **BIN** :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads			\$300	
Total			\$300	
Importance Code A				
Importance Code B			\$300	
Importance Code C				
Total			\$300	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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 GRAVITY WALL AND REVETMENT

Asset # : 1816

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Gravity Wall								
Stone	75%			LIFE	**	5	\$3,500	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Grout Loss</i>						
No Component	25%							
Revetment								
Stone	25%			LIFE	**	5	\$100	
No Component	75%							
Backfill								
Fill								
Not Accessible	100%							
Surface								
Asphalt	100%			2035	**	5	\$600	
		<i>Surface Wearing/Scaling, 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.

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 02-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 5649 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$579,900	
Total	\$579,900	
Importance Code A	\$533,700	
Importance Code B	\$46,200	
Total	\$579,900	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$25,500	\$200		\$6,900
Total	\$25,500	\$200		\$6,900
Importance Code A	\$13,900			\$6,900
Importance Code B	\$11,600	\$200		
Importance Code C				
Total	\$25,500	\$200		\$6,900



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
FERRY DOCKS TIMBER BULKHEAD
Asset # : 1817

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Piles and Bracing								
Timber	30%			2029	**	4	\$13,800	
		<i>Rotting/Splitting, Extent : Light, Area Affected : 20%</i>						
		<i>Location : In Tidal Zone</i>						
Timber	40%	4+	\$36,100	2041	**	4	\$18,400	
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Between Mlw And The Top Of The Piles</i>						
Timber	30%	Now	\$27,100	2041	**	4	\$13,800	
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Split/ Broken Piles Throughout</i>						
Revetment								
Stone	70%			LIFE	**	5	\$1,300	
No Component	30%							
Sheet Piles								
Timber	90%	4+	\$423,400	LIFE	**	4	\$5,200	
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Tidal Zone</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Loss Of Fill Through Gaps In Sheets</i>						
Timber	10%	Now	\$47,000	LIFE	**	4	\$600	
		<i>Interlock Damage, Extent : Severe, Area Affected : 15%</i>						
		<i>Location : Openings Between Sheets At South End Of Bulkhead</i>						
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Tidal Zone</i>						
Wales								
Timber	70%			LIFE	**	4	\$3,200	
		<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i>						
		<i>Location :</i>						
Timber	30%	2-4	\$13,900	LIFE	**	4	\$1,400	
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 75%</i>						
		<i>Location : In Tidal Zone At Southeast</i>						
Backfill								
Fill								
Topsoil	70%	Now	\$46,200	2066	**			
		<i>Sinkhole, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Up To 5 Feet From Bulkhead At Northern 25 Feet And Southern 175 Feet</i>						
No Component	5%							
Not Accessible	25%							
Surface								
Topsoil	70%	Now	\$11,600	2026	\$11,600	5	\$500	
		<i>Settlement, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Behind Bulkhead Up To 5 Feet Wide At Northern 25 Feet And Southern 175 Feet</i>						
Topsoil	25%			2024	\$4,100	5	\$400	
No Component	5%							

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

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

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

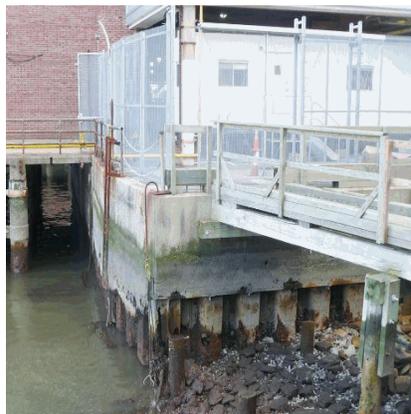
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 11-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$1,632,300	\$49,800
Total	\$1,632,300	\$49,800
Importance Code A	\$1,524,800	\$49,800
Importance Code B	\$107,500	
Total	\$1,632,300	\$49,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$34,200		\$9,200	
Total	\$34,200		\$9,200	
Importance Code A				
Importance Code B	\$25,900		\$9,200	
Importance Code C	\$8,300			
Total	\$34,200		\$9,200	



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Coping/Curb								
Timber	5%	4+	\$8,300	LIFE	**	5	\$100	
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : Between South Wharf And 69th Street Slip</i>					
No Component	95%							
Gravity Wall								
Concrete	35%			LIFE	**	5	\$4,200	
			<i>Cracking, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Throughout</i>					
Stone	15%			LIFE	**	5	\$37,400	
			<i>Missing Block Seal, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
Stone	5%	0-2	\$1,472,300	LIFE	**	5	\$12,500	
			<i>Displaced Elements, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Near Slip B-2 At Ferry Maintenance Facility</i>					
Not Accessible	45%							
Revetment								
Stone	8%			LIFE	**	5	\$1,400	
No Component	92%							
Sheet Piles								
Steel	3%	Now	\$52,500	LIFE	**			
			<i>Corrosion, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Between Slips 3 And 4</i>					
No Component	97%							
Backfill								
Fill								
Topsoil	5%	Now	\$12,600	2066	**			
			<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Near Slip B-2 In Ferry Maintenance Area And Between Slips 3 And 4</i>					
Not Accessible	95%							
Surface								
Asphalt	35%			2035	**	5	\$11,700	
Asphalt	5%	Now	\$13,300	2041	**	5	\$800	
			<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Near Slip B-2 In Ferry Maintenance Area And Between Slips 3 And 4</i>					
Concrete	20%			2035	**	5	\$6,700	
Not Accessible	40%							
Fender								
Piles								
Timber	10%	Now	\$55,300	2041	**	4	\$7,000	
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Between South Wharf And 69th Street Slip</i>					
No Component	85%							
Not Accessible	5%							

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL CONCRETE BULKHEAD

Asset # : 1798

Bulkheads	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender								
Wales and Chocks								
Timber	10%	Now	\$52,200	2041	* *	4	\$16,000	
			<i>Rotting/Splitting, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Between South Wharf And 69th Street Slip</i>					
No Component	90%							

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 28-Dec-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 1483 **Lot** : 60 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$750,100	\$1,589,200
Total	\$750,100	\$1,589,200
Importance Code A	\$750,100	\$121,100
Importance Code B		\$1,468,100
Total	\$750,100	\$1,589,200

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$20,100			\$8,200
Total	\$20,100			\$8,200
Importance Code A	\$400			
Importance Code B	\$19,700			\$8,200
Total	\$20,100			\$8,200



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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

System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Gravity Wall								
Conc w/Stone Face	10%	Now	\$646,200	LIFE	**	5	\$17,300	
	<i>Erosion, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : At And Below The Water Line, North Of E 76 St</i>							
	<i>Missing Part, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Missing Blocks North Of E 76th St</i>							
Conc w/Stone Face	60%			LIFE	**	5	\$207,600	
	<i>Cracking, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Throughout</i>							
Concrete	5%			LIFE	**	5-10	\$800	
	<i>Erosion, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Not Accessible	25%							
Backfill								
Fill								
Not Accessible	100%							
Surface								
Asphalt Pavers	45%			2036	**	5	\$9,900	
Asphalt Pavers	5%	4+	\$19,700	2042	**	5	\$500	
	<i>Settlement, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
Concrete	30%			2036	**	5	\$6,600	
	<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%							
Deck Elements								
Railing								
Steel	80%			2025			\$1,468,100	
	<i>Missing Coating, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
No Component	20%							

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$1,500			
Total	\$1,500			
Importance Code B	\$1,500			
Total	\$1,500			



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

DEPARTMENT OF TRANSPORTATION - 841
BULKHEAD @ PIER 79
Asset # : 4339

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Relieving Platform Top								
No Component	33%							
Not Accessible	67%							
<hr/>								
Sheet Piles								
Steel	33%			LIFE		**		
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Northern End Undergoing Replacement</i>								
No Component	67%							
<hr/>								
Backfill								
Fill								
Not Accessible	100%							
<hr/>								
Surface								
Asphalt	33%			2033	**	5	\$2,900	
Concrete	34%			2037	**	5	\$3,000	
Under Construction	33%							
<hr/>								
Deck Elements								
Railing								
No Component	67%							
Under Construction	33%							
<hr/>								

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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** : HIGHWAYS
Date of Survey : 28-Feb-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$2,005,600	
Total	\$2,005,600	
Importance Code A	\$1,815,400	
Importance Code B	\$190,200	
Total	\$2,005,600	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$71,200	\$900		
Total	\$71,200	\$900		
Importance Code A				
Importance Code B	\$41,900	\$900		
Importance Code C	\$29,300			
Total	\$71,200	\$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
BULKHEAD NORTH OF UNIVERSITY HEIGHTS BRIDGE

Asset # : 14496

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Coping/Curb Timber	100%	Now	\$29,300	LIFE	**	5	\$300	
<i>Displaced Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Piles and Bracing								
No Component	55%							
Not Accessible	45%							
<hr/>								
Sheet Piles								
Steel	55%	Now	\$1,701,400	LIFE	**			
<i>Corrosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Tidal Zone. Multiple Holes Through Sheeting</i>								
No Component	45%							
<hr/>								
Pile Caps								
Concrete	100%	4+	\$114,000	LIFE	**	5	\$1,600	
<i>Cracking, Extent : Light, Area Affected : 15%</i>								
<i>Location : Horizontal Crack 90 Feet From South, Approximately 20 Feet Long, General Outboard Face Map Cracking</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : 65 Feet From South, Approximately 10 Feet 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/>								
Backfill								
Fill								
Topsoil	30%	Now	\$33,500	2065	**			
<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%							
<hr/>								
Surface								
Topsoil	70%			2024	\$19,600	5	\$1,700	
Topsoil	30%	Now	\$8,400	2025	\$8,400	5	\$400	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 310-450 Feet From South</i>								
<i>Explanation : Fill Loss</i>								
<hr/>								
Fender								
Piles								
Timber	100%	Now	\$97,800	2040	**	4	\$12,500	1
<i>Displaced Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Wales and Chocks								
Timber	100%	Now	\$92,400	2040	**	4	\$28,200	
<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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 497 **Project Type** : HIGHWAYS
Date of Survey : 12-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 5256 **Lot** : 200 **BIN** :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads				\$8,400
Total				\$8,400
Importance Code A				\$6,400
Importance Code B				\$2,000
Total				\$8,400



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

**DEPARTMENT OF TRANSPORTATION - 841
BULKHEAD, CONNER ST. YARD CONCRETE GRAVITY WALL**

Asset # : 1791

Bulkheads		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Pile Supported Wall								
Concrete	65%			2041	* *	5	\$12,900	
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : At Southern End Of Asset</i>						
Not Accessible	5%							
Under Construction	30%							
Backfill								
Fill								
Not Accessible	70%							
Under Construction	30%							
Surface								
Asphalt	70%			2041	* *	5	\$4,000	
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : At Southern End Of Asset</i>						
Under Construction	30%							
Deck Elements								
Railing								
Guard Rail	70%			LIFE	* *			
		<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>						
		<i>Location : At Southern End Of Asset</i>						
Under Construction	30%							

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : CONNER STREET DOT YARD REVETMENT
Address : 3200 CONNER STREET
Borough : BRONX **Agency's Number** : N/A
Program / Asset # : DOT0128.030 / 14768 **Yr Built/Renovated** :
Linear Ft : 495 **Project Type** : HIGHWAYS
Date of Survey : 12-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 5256 **Lot** : 200 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$345,500	
Total	\$345,500	
Importance Code C	\$345,500	
Total	\$345,500	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads		\$1,400		
Total		\$1,400		
Importance Code B		\$1,400		
Importance Code C				
Total		\$1,400		



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841
CONNER STREET DOT YARD REVETMENT
Asset # : 14768**

Bulkheads		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Revetment								
Stone	95%	4+	\$345,500	LIFE	* *	5	\$2,800	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Non-engineered, Very Steep, Slope With Areas Of Scour</i>								
<i>Explanation : Inadequate Stone Protection</i>								
Stone	5%			LIFE	* *	5	\$100	
<i>Recent Replace Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Adjacent To Outfall</i>								
<hr/>								
Backfill								
Fill								
Not Accessible	100%							
<hr/>								
Surface								
Asphalt	50%			2029	* *	5	\$2,800	
<i>Erosion, Extent : Light, Area Affected : 100%</i>								
<i>Location : Raveling Throughout Surface</i>								
Not Accessible	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Inshore Of Revetment</i>								
<i>Explanation : Under Stacked Concrete Block Wall And Dot Trucks</i>								
<hr/>								

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : DOT ASPHALT PLANT RELIEVING PLATFORM
Address : 488 HAMILTON AVE. GOWANUS CANAL S OF BRIDGE
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0130.011 / 1793 **Yr Built/Renovated** :
Linear Ft : 520 **Project Type** : HIGHWAYS
Date of Survey : 16-Oct-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 625 **Lot** : 2 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$87,900	
Total	\$87,900	
Importance Code A	\$87,900	
Total	\$87,900	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$42,800		\$10,000	\$400
Total	\$42,800		\$10,000	\$400
Importance Code A	\$25,700			
Importance Code B	\$16,800		\$10,000	\$400
Importance Code C	\$300			
Total	\$42,800		\$10,000	\$400



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

DEPARTMENT OF TRANSPORTATION - 841
DOT ASPHALT PLANT RELIEVING PLATFORM

Asset # : 1793

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Relieving Platform Top								
Concrete	10%	4+	\$87,900	LIFE	**	5	\$200	
<i>Erosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Low Level Platform In Tidal Zone</i>								
<i>Spalling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Concrete	90%			LIFE	**	5-10	\$3,500	
Coping/Curb								
Timber	100%			LIFE	**	5	\$600	
Piles and Bracing								
Concrete	15%			LIFE	**	5	\$900	
Steel	15%			LIFE	**	5	\$24,100	
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Splash Zone</i>								
Not Accessible	70%							
Pile Caps								
Concrete	5%			LIFE	**	5	\$200	
Concrete	5%	0-2	\$11,400	LIFE	**	5	\$100	
<i>Spalling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Portions Under High Level Platform</i>								
Not Accessible	90%							
Backfill								
Surface								
Asphalt	15%			2036	**	5	\$900	
Gravel	85%			2040	**	2-5	\$1,400	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Gravel And Drain On Top Of Concrete Deck</i>								
Fender								
Piles								
Timber	45%			2036	**	4	\$5,600	
<i>Worn, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Timber	10%	2-4	\$9,800	2042	**	4	\$1,200	
<i>Worn, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Not Accessible	45%							
Wales and Chocks								
Timber	47%			2036	**	4	\$13,300	
<i>Worn, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Timber	3%	2-4	\$6,900	2042	**	4	\$800	
<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Not Accessible	50%							

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

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

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

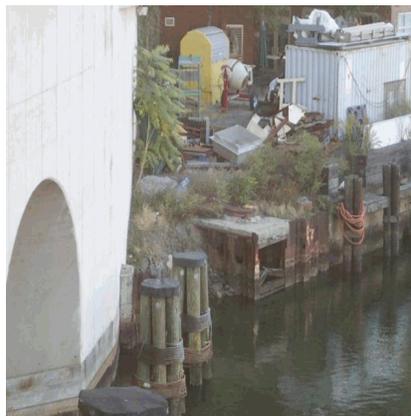
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : DOT ASPHALT PLANT STEEL SHEET PILE BULKHEAD
Address : 488 HAMILTON AVE. GOWANUS CANAL N END OF PLANT
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0130.012 / 1794 **Yr Built/Renovated** :
Linear Ft : 31 **Project Type** : HIGHWAYS
Date of Survey : 16-Oct-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 625 **Lot** : 2 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$158,600	
Total	\$158,600	
Importance Code A	\$158,600	
Total	\$158,600	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$5,200			\$100
Total	\$5,200			\$100
Importance Code B	\$5,200			\$100
Total	\$5,200			\$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.

DEPARTMENT OF TRANSPORTATION - 841
DOT ASPHALT PLANT STEEL SHEET PILE BULKHEAD

Asset # : 1794

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Sheet Piles								
Steel	65%	Now	\$119,900	LIFE		* *		
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : North End Adjacent To Bridge Abutment</i>								
Steel	35%	4+	\$38,700	LIFE		* *		
<i>Corrosion, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Splash Zone</i>								
<hr/>								
Backfill								
Fill								
Topsoil	65%	Now	\$4,300	2067		* *		
<i>Erosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Active Sloughing</i>								
Not Accessible	35%							
<hr/>								
Surface								
Concrete	50%			2036		* *	5	\$200
Topsoil	50%	0-2	\$800	2027	\$800		5	
<i>Erosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Active Sloughing</i>								
<hr/>								

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : DOT FACILITY REVETMENT
Address : 6080 FLATLANDS AVE.
Borough : BROOKLYN **Agency's Number** : N/A
Program / Asset # : DOT0130.020 / 1795 **Yr Built/Renovated** :
Linear Ft : 750 **Project Type** : HIGHWAYS
Date of Survey : 19-Sep-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 8012 **Lot** : 400 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$440,800	\$40,400
Total	\$440,800	\$40,400
Importance Code B		\$40,400
Importance Code C	\$440,800	
Total	\$440,800	\$40,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads		\$1,800		
Total		\$1,800		
Importance Code B		\$1,800		
Importance Code C				
Total		\$1,800		



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

Maintenance \$ are aggregated over a ten-year period. Site 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 REVETMENT
Asset # : 1795

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Revetment								
Asphalt Remnants	20%			LIFE	**	5	\$100	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Insufficient Armor Stone, Steep Sloping Natural Shoreline</i>								
Stone	80%	0-2	\$440,800	LIFE	**	5	\$3,600	
<i>Other Observation, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Insufficient Armor Stone, Steep Sloping Natural Shoreline</i>								
Backfill								
Fill								
Not Accessible	100%							
Surface								
Topsoil	100%			2024	\$40,400	5	\$3,500	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Heavy Vegetation And Debris</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : DOT FACILITY/STEEL BULKHEAD UNDER WILLIAMSBURG BRIDGE
Address : 352-372 KENT AVE. EAST RIVER, S 5TH TO S 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 : 15-Oct-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 2453 **Lot** : 1 **BIN** :

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$21,800		\$7,600	
Total	\$21,800		\$7,600	
Importance Code A	\$7,100			
Importance Code B	\$14,700		\$7,600	
Total	\$21,800		\$7,600	



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

DEPARTMENT OF TRANSPORTATION - 841
DOT FACILITY/STEEL BULKHEAD UNDER WILLIAMSBURG BRIDGE
Asset # : 1796

Bulkheads System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Sheet Piles								
Steel	20%			LIFE	**	10		
	<i>Corrosion, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Throughout Above Mhw Elevation</i>							
Not Accessible	80%							
Wales								
Steel	100%			LIFE	**	5	\$12,600	
	<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Pile Caps								
Concrete	100%			LIFE	**	5	\$1,600	
Backfill								
Fill								
Topsoil	5%	Now	\$2,900	2067	**			
	<i>Erosion, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : At Southern End Of Facility</i>							
Not Accessible	95%							
Surface								
Concrete	95%			2040	**	5	\$2,900	
Concrete	5%	0-2	\$4,800	2042	**	5	\$100	
	<i>Settlement, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Slab At Southern End Of Facility Beneath Masonry Wall</i>							
Fender								
Wales and Chocks								
Timber	15%	Now	\$7,100	2042	**	4	\$2,200	
	<i>Broken, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Sections Between Abutments And North Of Abutments</i>							
Timber	85%			2036	**	4	\$12,300	
Deck Elements								
Railing								
Fencing	100%			2028	**	3	\$100	
	<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : At Base Of Posts On 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.

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 22-Sep-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 499 **Lot** : 51 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$51,900	\$188,100
Total	\$51,900	\$188,100
Importance Code A	\$51,900	
Importance Code B		\$188,100
Total	\$51,900	\$188,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$1,600		\$500	\$1,800
Total	\$1,600		\$500	\$1,800
Importance Code A	\$1,600			
Importance Code B			\$500	\$1,800
Total	\$1,600		\$500	\$1,800



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

DEPARTMENT OF TRANSPORTATION - 841
GRAVITY WALL AT HALLETS COVE
Asset # : 14022

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Gravity Wall								
Concrete	75%			LIFE	**	5-10	\$3,100	
		<i>Cracking, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : At Sta. 4+95 From North End</i>						
		<i>Explanation : Void</i>						
Concrete	25%	4+	\$51,900	LIFE	**	5	\$500	
		<i>Cracking, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : At Expansion Joint Sta. 3+96</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : From Sta. 0+75 To Sta. 3+32</i>						
Backfill								
Fill								
Not Accessible	100%							
Surface								
Concrete	60%			2036	**	5	\$3,500	
Topsoil	40%			2025	\$11,100	5	\$1,000	
Deck Elements								
Railing								
Aluminum	100%			2026	\$188,100			
Parapet								
Concrete	100%			2028	**			

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : RELIEVING PLATFORM
Address : E. RIVER, 59TH TO 63RD ST.
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0025.053 / 4341 **Yr Built/Renovated** :
Linear Ft : 1,223 **Project Type** : HIGHWAYS
Date of Survey : 15-Apr-2013 **Landmark Status** : NONE
Areas Surveyed :
Block : 1474 **Lot** : 60 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$794,400	\$187,300
Total	\$794,400	\$187,300
Importance Code A	\$794,400	\$98,000
Importance Code B		\$89,300
Total	\$794,400	\$187,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$26,300			
Total	\$26,300			
Importance Code A	\$20,700			
Importance Code B	\$5,600			
Total	\$26,300			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Relieving Platform Top								
Concrete	80%			LIFE	**	5	\$3,700	
	<i>Cracking, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Concrete	20%	2-4	\$20,700	LIFE	**	5	\$900	
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Along Top Edge</i>							
Pile Supported Wall								
Conc w/Stone Face	25%	2-4	\$218,200	LIFE	**	5	\$24,500	
	<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	\$349,200	LIFE	**	5	\$9,800	
	<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+	\$227,000	LIFE	**	5	\$63,700	
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout Above Granite Fascia Panels</i>							
	<i>Explanation : Erosion</i>							
Piles and Bracing								
Not Accessible	100%							
Backfill								
Fill								
Not Accessible	100%							
Surface								
Asphalt	80%			2033	**	5	\$11,200	
Asphalt Pavers	20%			2037	**	5	\$2,800	
Deck Elements								
Railing								
Aluminum	20%			2023	\$89,300			
Fencing	20%			2025	\$13,300	3	\$100	
No Component	60%							

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : RELIEVING PLATFORM
Address : EAST RIVER, 34TH ST TO 36TH ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0025.064 / 4342 **Yr Built/Renovated** :
Linear Ft : 582 **Project Type** : HIGHWAYS
Date of Survey : 27-Jan-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : 966 **Lot** : 50 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads		\$556,300
Total		\$556,300
Importance Code B		\$556,300
Total		\$556,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$65,000		\$5,100	
Total	\$65,000		\$5,100	
Importance Code A	\$37,000			
Importance Code B	\$27,500		\$5,100	
Importance Code C	\$500			
Total	\$65,000		\$5,100	



*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.*

DEPARTMENT OF TRANSPORTATION - 841
RELIEVING PLATFORM
Asset # : 4342

Bulkheads		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Relieving Platform Top Concrete/Stone	5%	4+	\$24,100	LIFE		**		
			<i>Broken, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Broken Stone Facing 430 Ft From North</i>					
			<i>Erosion, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Isolated At Top Of Bulkhead Throughout</i>					
			<i>Missing Block Seal, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Isolated At Top Of Bulkhead Throughout</i>					
Concrete/Stone	95%			LIFE		**	10	
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
Coping/Curb Concrete	100%			LIFE		**	5-10	\$1,100
			<i>Cracking, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Located Within Southern 230 Ft Of Asset</i>					
Piles and Bracing Not Accessible	100%							
Lowlevel Pile Caps Timber	5%	Now	\$12,900	LIFE		**		
			<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Along Bulkhead Face Throughout</i>					
Not Accessible	95%							
Backfill								
Fill Not Accessible	100%							
Surface Asphalt	17%			2040		**	5	\$1,100
			<i>Cracking, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Isolated Throughout</i>					
Asphalt Pavers	83%			2040		**	5	\$5,500
Fender								
Piles Timber	20%	Now	\$21,900	2042		**	4	\$2,800
			<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%			2036		**	4	\$3,500
No Component	10%							
Not Accessible	45%							
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
RELIEVING PLATFORM
Asset # : 4342

Bulkheads		Current Repair		Future Replacement		Maintenance			
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements									
Railing									
	Steel	95%			2025	\$528,400			
<i>Missing Coating, Extent : Light, Area Affected : 5%</i>									
<i>Location : Throughout</i>									
	Steel	5%	4+	\$5,600	2026	\$27,800			
<i>Broken, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Broken And Deflected From Impact At 430 Ft From North</i>									
<i>Impact Damage, Extent : Moderate, Area Affected : 25%</i>									
<i>Location : Located 420 Ft To 441 Ft From 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.

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : **REVTMENT - RIPRAP BULKHEAD**
Address : **W 205TH TO W 206TH ST HARLEM RIVER,SUB 2 OF ASSET TYPE**
Borough : **MANHATTAN** **Agency's Number** : **N/A**
Program / Asset # : **DOT0187.000 / 13798** **Yr Built/Renovated** :
Linear Ft : **296** **Project Type** : **HIGHWAYS**
Date of Survey : **20-Nov-2012** **Landmark Status** : **NONE**
Areas Surveyed :
Block : **2186** **Lot** : **9** **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Bulkheads	\$70,700	
Total	\$70,700	
Importance Code C	\$70,700	
Total	\$70,700	

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Bulkheads	\$1,000			
Total	\$1,000			
Importance Code B	\$1,000			
Importance Code C				
Total	\$1,000			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Revetment								
Stone	65%	4+	\$70,700	LIFE	**	5	\$1,200	
<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	
<i>Recent Repair Evident, Extent : Light, Area Affected : 100%</i>								
<i>Location : Southern 100 Feet Of Asset</i>								
Backfill								
Fill								
Topsoil	10%	4+	\$600	2052	**			
<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%							
Surface								
Topsoil	10%	4+	\$300	2022	\$1,600	5	\$100	
<i>Erosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North End Of Park</i>								
Topsoil	90%			2022	\$14,300	5	\$1,200	

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 3,350 **Project Type** : FERRIES
Date of Survey : 08-Sep-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$113,800	\$41,000
Total	\$113,800	\$41,000
Importance Code A	\$113,800	\$41,000
Total	\$113,800	\$41,000

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$60,200	\$19,300	\$900	\$4,000
Total	\$60,200	\$19,300	\$900	\$4,000
Importance Code A	\$46,500	\$9,500		
Importance Code B	\$13,100	\$9,300	\$500	\$3,500
Importance Code C	\$600	\$500	\$400	\$500
Total	\$60,200	\$19,300	\$900	\$4,000



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Gangways								
Aluminum	75%			2052	**	1-3	\$30,300	
Aluminum	25%	Now	\$12,700	2052	**	1-3	\$10,000	
<i>Cracked Weld, Extent : Light, Area Affected : 10%</i>								
<i>Location : Northeast Side Of South Gangway Near Bearing Pad</i>								
<i>Handrail Damage, Extent : Severe, Area Affected : 33%</i>								
<i>Location : Security Gate Dislodged At Top Of South Gangway</i>								
<i>Loose Connections, Extent : Severe, Area Affected : 33%</i>								
<i>Location : Bottom Of South Gangway Plate Pin Dislodged, Wearing On Rail</i>								
<i>Roller Malfunction, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At The Northeast Connection Of The North Gangway</i>								
Piles and Bracing								
Steel	100%			2046	**	5-10		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Support Beams</i>								
Floating Docks								
Anchor Piles								
Steel	75%			2046	**	3-5		
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : In Tidal Zone</i>								
<i>Missing Coating, Extent : Light, Area Affected : 25%</i>								
<i>Location : In Tidal Zone</i>								
Not Accessible	25%							
Fenders								
Rubber	95%			2025	\$5,600	1-2	\$4,100	
<i>Worn, Extent : Light, Area Affected : 20%</i>								
<i>Location : Above Waterline Throughout</i>								
Rubber	5%	Now	\$300	2026	\$300	1-2	\$200	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At South Pile Guide On South Barge</i>								
Floats/Frames								
Steel	5%	Now	\$13,700	2036	**	5	\$300	
<i>Damaged/Missing Pile Guide, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Rub Pad On South Pile On South Barge</i>								
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : At Center Connection On Large Space Truss</i>								
<i>Explanation : Loose Frame Connection</i>								
Steel	95%			2034	**	5-10	\$23,400	

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Floating Docks								
Barge								
Steel	65%			2039	* *	5	\$7,600	
<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>								
Steel	5%	4+	\$28,500	2039	* *	5	\$300	
<i>Not Plumb, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Barge Is Listing To The West</i>								
Not Accessible	30%							
Deck Elements								
Railing								
Steel	100%			2025				
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout Both Barges</i>								
Electrical								
Conduit								
PVC	95%			2023	\$39,000			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Moving Connections Between Barges</i>								
<i>Explanation : Abrasion</i>								
PVC	5%	Now	\$2,100	2024	\$2,100			
<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	\$2,300	2021	\$22,800			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : On South Barge And At All Gangways</i>								
<i>Explanation : Broken/ Missing</i>								
Incandescent	80%			2021	\$91,000			
Movable Ramps								
Deck and Railing								
Steel	100%			2039	* *			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Aluminum Ramp</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 1,620 **Project Type** : FERRIES
Date of Survey : 09-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$1,332,300	\$515,600
Total	\$1,332,300	\$515,600
Importance Code A	\$1,332,300	\$515,600
Total	\$1,332,300	\$515,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$81,700	\$1,200		\$100
Total	\$81,700	\$1,200		\$100
Importance Code A	\$80,800	\$700		
Importance Code B	\$800	\$500		\$100
Total	\$81,700	\$1,200		\$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.

DEPARTMENT OF TRANSPORTATION - 841
CITY ISLAND FERRY DOCK
Asset # : 13923

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	50%			2024	\$46,900	5	\$1,400	
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 50%</i>								
<i>Location : Isolated At Top Of Deck</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Middle Section Of Movable Ramp</i>								
<i>Explanation : Recent Repair Evident</i>								
Not Accessible	50%							
Gangways								
Aluminum	10%	4+	\$800	2046	**	1-3	\$200	
<i>Loose Connections, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Half Of Hinge Plate Is Bent</i>								
Aluminum	90%			2046	**	1-3	\$1,700	
Pile Caps								
Timber	40%			2036	**	4		
<i>Splitting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated Throughout</i>								
Not Accessible	60%							
Piles and Bracing								
Timber	20%	4+	\$25,500	2052	**	4-5	\$1,400	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Above Mhw</i>								
Not Accessible	80%							
Floating Docks								
Anchor Piles								
Timber	60%	4+	\$4,500	2031	**	4-5	\$300	
<i>Abrasion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : In Tidal Zone</i>								
Not Accessible	40%							
Floats/Frames								
Timber	50%			2031	**			
<i>Wearing, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Not Accessible	50%							
Fender								
Facing								
Timber	50%			2021	\$1,061,800			
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Tidal Zone Of The South Rack</i>								
<i>Explanation : Abrasion</i>								
No Component	50%							

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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender								
Piles								
Timber	35%	2-4	\$115,300	2031				**
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Rotting, Splitting</i>								
Timber	15%	Now	\$49,400	2031				**
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Broken</i>								
Timber	20%			2024	\$219,600			
Not Accessible	30%							
Wales and Chocks								
Timber	35%	Now	\$43,600	2027	\$87,200			
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Rotting, Splitting</i>								
Timber	50%	2-4	\$62,300	2027	\$124,500			
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Rotting, Splitting</i>								
Timber	15%			2027	\$37,400			
Gallows Frames								
Tower Frames								
Steel	5%	4+	\$17,300	2035				**
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Connection Hardware</i>								
<i>Explanation : Corrosion</i>								
Timber	10%	4+	\$33,500	2039				**
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Gallows Frames Foundation Piles</i>								
<i>Explanation : Rotting</i>								
Timber	85%			2035				**
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Splitting</i>								
Movable Ramps								
Bearings								
Steel	25%			2029				**
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At All Steel Bearing Surfaces</i>								
<i>Explanation : Moderate Corrosion</i>								
Timber	25%			2029				**
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Timber Bearing Surfaces</i>								
<i>Explanation : Abrasion/wearing</i>								
Not Accessible	50%							

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
CITY ISLAND FERRY DOCK
Asset # : 13923

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

Movable Ramps

Deck and Railing

Timber Deck on Steel

100%

2035

* *

*Other Observation, Extent : Light, Area Affected : 50%**Location : Throughout Steel Deck Framing And Isolated On Rail**Explanation : Corrosion*

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

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

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

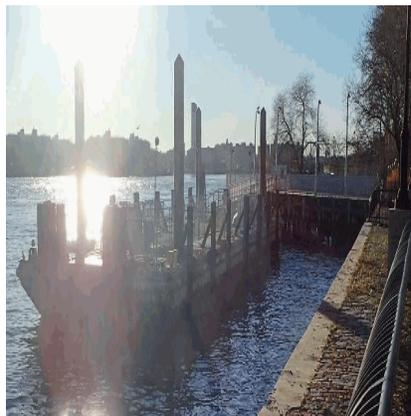
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : E. 90TH 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 : 15-Dec-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 1592 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$40,100	\$710,300
Total	\$40,100	\$710,300
Importance Code A	\$40,100	\$710,300
Total	\$40,100	\$710,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$8,900	\$1,300	\$6,100	\$24,200
Total	\$8,900	\$1,300	\$6,100	\$24,200
Importance Code A	\$7,600	\$1,000	\$3,400	\$23,900
Importance Code B	\$100	\$100	\$2,600	\$100
Importance Code C	\$1,200	\$200	\$200	\$200
Total	\$8,900	\$1,300	\$6,100	\$24,200



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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. 90TH ST FERRY LANDING
Asset # : 14118

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Timber	55%			2025	\$226,600	5	\$6,700	
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Not Accessible	45%							
Gangways								
Aluminum	100%			2047	**	1-3	\$8,500	
Pile Caps								
Timber	40%			2047	**	4	\$600	
Not Accessible	60%							
Piles and Bracing								
Timber	60%			2047	**	4-5	\$22,300	
Not Accessible	40%							
Floating Docks								
Anchor Piles								
Steel	60%	4+	\$7,600	2047	**	3-5	\$7,700	
<i>Corrosion, Extent : Light, Area Affected : 60%</i>								
<i>Location : Tidal And Splash Zones</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Tidal And Splash Zones</i>								
Not Accessible	40%							
Fenders								
Rubber	35%	Now	\$1,100	2027	\$1,100	1-2	\$700	
<i>Missing Components, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Five Missing Fenders On West Side Of Barge</i>								
Rubber	65%			2025	\$2,000	1-2	\$1,500	
Barge								
Steel	45%	4+	\$40,100	2036	**	5	\$2,500	
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Around Perimeter</i>								
Not Accessible	55%							
Deck Elements								
Railing								
Steel	100%			2025	\$448,300			
Electrical								
Conduit								
PVC	100%			2023	\$35,500			
Lighting Fixture								
Incandescent	100%			2021	\$21,300			
Fender								
Piles								
Timber	60%			2028	**			
Not Accessible	40%							
Wales and Chocks								
Timber	100%			2028	**			

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : EAST 34TH ST FERRY LANDING BARGES
Address : EAST RIVER, E 34TH STREET
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 : 27-Jan-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : 967 **Lot** : 50 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$34,100	\$996,400
Total	\$34,100	\$996,400
Importance Code A	\$34,100	\$996,400
Total	\$34,100	\$996,400

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$8,400	\$200	\$5,800	\$5,900
Total	\$8,400	\$200	\$5,800	\$5,900
Importance Code A	\$8,100			\$5,600
Importance Code B	\$200	\$200	\$5,800	\$200
Total	\$8,400	\$200	\$5,800	\$5,900



*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
EAST 34TH ST FERRY LANDING BARGES
Asset # : 14193

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Gangways								
Aluminum	100%			2053	* *	1-3	\$19,000	
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Connection At South Barge Toe Plate Bolt</i>							
	<i>Explanation : Bent Connection Damage</i>							
Floating Docks								
Anchor Piles								
Steel	50%			2047	* *	3-5		
	<i>Missing Coating, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Along Guides</i>							
Not Accessible	50%							
Fenders								
Rubber	100%			2025		1-2		
	<i>Worn, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Slips S.1, S.2 And All Slips On North Barge; Worn Moderate On Fender Panels At Berths N.1 And S.3</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Bent Steel Bracket At Slip S.2</i>							
	<i>Explanation : Impact Damage</i>							
Barge								
Steel	30%			2036	* *	5	\$11,300	
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Located At Weld And Rivet Connections</i>							
Not Accessible	70%							
Deck Elements								
Railing								
Steel	95%			2025			\$864,400	
	<i>Handrail Damage, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Impact Damage At The South Barge, Berth S.2</i>							
Steel	5%	4+	\$4,500	2025			\$45,500	
	<i>Corrosion, Extent : Light, Area Affected : 100%</i>							
	<i>Location : North Barge West Slip</i>							
	<i>Missing Coating, Extent : Light, Area Affected : 100%</i>							
	<i>Location : North Barge West Slip</i>							
Electrical								
Conduit								
Steel	50%			2025			\$68,900	
Steel	10%	Now	\$2,800	2027			\$13,800	
	<i>Other Observation, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : At South End Of North Barge, East And West Sides Of Access Gangway</i>							
	<i>Explanation : Abrasion Damage/ Broken Fitting</i>							
PVC	40%			2023			\$32,000	

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

Maintenance \$ are aggregated over a ten-year period. Site 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 BARGES
Asset # : 14193

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Electrical								
Lighting Fixture								
Incandescent	90%			2021	\$34,100			
Incandescent	10%	Now	\$200	2022	\$3,800			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Located At Northwest Corner Of The South Barge</i>								
<i>Explanation : Broken Light Bulb</i>								
Movable Ramps								
Deck and Railing								
Steel	90%			2036			**	
Steel	10%	4+	\$600	2036			**	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bent Toe Plates At Slips S.3 And N.3</i>								
<i>Explanation : Damaged Toe Plates</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 1,600 **Project Type** : FERRIES
Date of Survey : 02-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$147,500	\$518,800
Total	\$147,500	\$518,800
Importance Code A	\$147,500	\$518,800
Total	\$147,500	\$518,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$40,800	\$1,800		\$7,600
Total	\$40,800	\$1,800		\$7,600
Importance Code A	\$40,800	\$1,800		\$7,600
Total	\$40,800	\$1,800		\$7,600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Timber	100%			2024	\$121,900	5	\$3,600	
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout Top Of Deck</i>								
Pile Caps								
Timber	100%			2046	* *	4	\$3,500	
<i>Splitting, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Throughout</i>								
Piles and Bracing								
Timber	5%	4+	\$4,100	2046	* *	4-5	\$500	
<i>Missing Connections, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Fishplate On South Side</i>								
<i>Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Northwest Corner</i>								
Timber	95%			2046	* *	4-5	\$17,000	
<i>Splitting, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Fender								
Facing								
Timber	10%	2-4	\$41,600	2026	\$41,600			
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Missing, Broken</i>								
Timber	40%			2025	\$166,600			
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Abrasion</i>								
Under Construction	50%							
Piles								
Timber	10%			2027	\$133,700			
Not Accessible	40%							
Under Construction	50%							
Wales and Chocks								
Timber	25%			2027	\$54,900			
Not Accessible	25%							
Under Construction	50%							
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
HART ISLAND FERRY DOCK
Asset # : 13892

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Gallows Frames								
Tower Frames								
Steel	25%			2035		**		
	<i>Other Observation, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Throughout Steel Framework</i>							
	<i>Explanation : Corrosion And Coating Loss</i>							
Steel	25%	4+	\$57,700	2039		**		
	<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Mudline To Mhw</i>							
	<i>Explanation : Corrosion</i>							
Timber	50%			2035		**		
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Cracking, Splitting</i>							
Movable Ramps								
Bearings								
Steel	50%	2-4	\$48,100	2041		**		
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : At All Bearing Locations</i>							
	<i>Explanation : Corrosion</i>							
Timber	50%	2-4	\$28,600	2041		**		
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Along All Timber Bearing Elements</i>							
	<i>Explanation : Abrasion And Leaning</i>							
Deck and Railing								
Timber Deck on Steel	70%			2035		**		
	<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	5%	4+	\$6,300	2035		**		
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Steel Hardware At Timber Beams Beneath Timber Deck</i>							
	<i>Explanation : Corrosion</i>							
Not Accessible	25%							

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

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

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

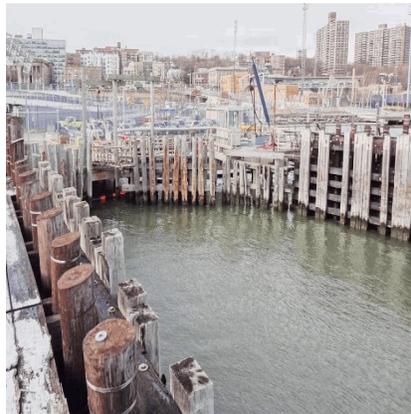
Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 200 **Project Type** : FERRIES
Date of Survey : 10-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$1,405,300	\$702,600
Total	\$1,405,300	\$702,600
Importance Code A	\$1,405,300	\$702,600
Total	\$1,405,300	\$702,600

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$100	\$12,800	\$100	\$100
Total	\$100	\$12,800	\$100	\$100
Importance Code B	\$100	\$12,800	\$100	\$100
Total	\$100	\$12,800	\$100	\$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.

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL FERRY SLIP 1

Asset # : 13894

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Gangways								
Timber	100%			2019	\$12,400	1-3	\$1,700	
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Entire Gangway</i>								
<i>Explanation : Aging</i>								
Fender								
Facing								
Timber	50%			2021	\$702,600			
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout Splash Zone</i>								
<i>Explanation : Abrasion</i>								
Timber	50%	Now	\$702,600	2026	\$702,600			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Missing Parts</i>								
Piles								
Timber	70%			2030			* *	
Not Accessible	30%							
Wales and Chocks								
Timber	100%			2030			* *	
Gallows Frames								
Tower Frames								
Timber	100%			2035			* *	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Vertical Supports</i>								
<i>Explanation : Splitting, Rotting</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 8,600 **Project Type** : FERRIES
Date of Survey : 11-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$5,099,800	\$29,065,300
Total	\$5,099,800	\$29,065,300
Importance Code A	\$5,099,800	\$29,065,300
Total	\$5,099,800	\$29,065,300

EXPENSE

Total
 Importance Code
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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender								
Facing								
Timber	85%			2021	\$4,317,900			
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Abrasion</i>								
Timber	5%	Now	\$254,000	2026	\$254,000			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated Throughout And At North Side Of Slip 6</i>								
<i>Explanation : Missing, Broken</i>								
Under Construction	10%							
Piles								
Timber	10%	0-2	\$527,900	2031		**		
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Offshore Clusters, Especially Between Slips 4 And 5 And North Side Of Slip 3</i>								
<i>Explanation : Broken</i>								
Timber	50%			2027	\$26,394,500			
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Top Of Piles</i>								
<i>Explanation : Splitting</i>								
Not Accessible	30%							
Under Construction	10%							
Wales and Chocks								
Timber	55%			2027	\$2,416,900			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Rotting, Splitting</i>								
Not Accessible	35%							
Under Construction	10%							
Gallows Frames								
Tower Frames								
Steel	100%			2035		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Throughout</i>								
<i>Explanation : Coating Loss and Corrosion</i>								
Movable Ramps								
Bearings								
Not Accessible	100%							
Deck and Railing								
Steel	70%			2035		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Throughout Ramp Surfaces Which Are 50/50 Asphalt/steel</i>								
<i>Explanation : Coating Loss</i>								
Not Accessible	30%							

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : ST. GEORGE FERRY TERMINAL SLIP 7
Address : 1 BAY STREET
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0192.040 / 13897 **Yr Built/Renovated** :
Area Sq Ft : 4,500 **Project Type** : FERRIES
Date of Survey : 11-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks		\$947,300
Total		\$947,300
Importance Code A		\$790,000
Importance Code C		\$157,300
Total		\$947,300

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$18,200	\$6,100	\$9,500	\$1,200
Total	\$18,200	\$6,100	\$9,500	\$1,200
Importance Code A		\$3,400	\$9,500	\$1,200
Importance Code C	\$18,200	\$2,700		
Total	\$18,200	\$6,100	\$9,500	\$1,200



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
Asset # : 13897

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Concrete	40%			2029	* *	5	\$6,800	
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Isolated On Bottom Edge</i>								
Not Accessible	60%							
Pile Caps								
Concrete	10%			2046	* *	5	\$2,300	
Not Accessible	90%							
Piles and Bracing								
Concrete Encased	10%			2046	* *			
Timber								
Not Accessible	90%							
Protective Structure								
Pile Cluster								
Timber	20%	Now	\$18,200	2031	* *	4	\$2,700	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Single Cluster</i>								
Timber	40%			2027	\$121,400	4-10	\$44,000	
Not Accessible	40%							
Deck Elements								
Railing								
Steel	100%			2024	\$454,900			
Electrical								
Lighting Fixture								
Incandescent	100%			2020	\$9,500			
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Base Of Light Pole On South Access Walkway</i>								
<i>Explanation : Corrosion</i>								
Fender								
Piles								
Timber	10%			2027	\$335,000			
No Component	85%							
Not Accessible	5%							

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : ST. GEORGE FERRY TERMINAL SLIP 8 AND 69TH STREET SLIP
Address : 1 BAY STREET
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0192.050 / 13898 **Yr Built/Renovated** :
Area Sq Ft : 850 **Project Type** : FERRIES
Date of Survey : 09-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 2 **Lot** : 1 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$658,300	\$9,682,900
Total	\$658,300	\$9,682,900
Importance Code A	\$658,300	\$9,289,600
Importance Code C		\$393,400
Total	\$658,300	\$9,682,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$57,500	\$3,000	\$22,100	\$2,200
Total	\$57,500	\$3,000	\$22,100	\$2,200
Importance Code A	\$39,200	\$1,200	\$15,300	\$2,100
Importance Code B	\$100	\$1,800	\$100	\$100
Importance Code C	\$18,200		\$6,700	
Total	\$57,500	\$3,000	\$22,100	\$2,200



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

Maintenance \$ are aggregated over a ten-year period. Site 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 AND 69TH STREET SLIP
Asset # : 13898

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Timber	100%			2024	\$81,600	5	\$2,400	
Gangways								
Aluminum	100%			2046	* *	1-3	\$5,900	
Piles and Bracing								
Timber	40%			2046	* *	4-5	\$4,800	
Timber	10%	Now	\$5,500	2046	* *	4-5	\$600	
<i>Displaced Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Broken Timber Braces At 69th St Slip</i>								
Not Accessible	50%							
Protective Structure								
Pile Cluster								
Timber	50%			2024	\$303,600	4-10	\$103,300	
Timber	10%	2-4	\$18,200	2031	* *	4	\$2,700	
<i>Not Plumb, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 69th Street Slip</i>								
Not Accessible	40%							
Deck Elements								
Railing								
Timber	100%			2020	\$15,300			
Fender								
Piles								
Timber	20%	Now	\$563,100	2031	* *			
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout Both Slips</i>								
<i>Explanation : Broken Or Missing</i>								
Timber	60%			2027	\$8,446,200			
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Abrasion</i>								
Not Accessible	20%							
Wales and Chocks								
Timber	20%	Now	\$95,200	2031	* *			
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : In Areas With Damaged Or Missing Piles</i>								
<i>Explanation : Broken Or Missing</i>								
Timber	80%			2024	\$761,700			
Gallows Frames								
Tower Frames								
Timber	50%	2-4	\$33,500	2041	* *			
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : 69th Street Slip</i>								
<i>Explanation : Splitting/ Rotting</i>								
Timber	50%			2029	* *			

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, AND PHANTOM
Address : 1 BAY STREET
Borough : STATEN ISLAND **Agency's Number** : N/A
Program / Asset # : DOT0192.060 / 13899 **Yr Built/Renovated** :
Area Sq Ft : 1,200 **Project Type** : FERRIES
Date of Survey : 09-Dec-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : 1 **Lot** : 70 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$339,000	\$1,025,900
Total	\$339,000	\$1,025,900
Importance Code A	\$339,000	\$868,500
Importance Code C		\$157,300
Total	\$339,000	\$1,025,900

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$15,600	\$2,800	\$13,800	\$5,700
Total	\$15,600	\$2,800	\$13,800	\$5,700
Importance Code A	\$3,800		\$13,700	\$4,200
Importance Code B	\$11,800	\$100	\$100	\$1,400
Importance Code C		\$2,700		
Total	\$15,600	\$2,800	\$13,800	\$5,700



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

Maintenance \$ are aggregated over a ten-year period. Site 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, AND PHANTOM
Asset # : 13899

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Concrete	100%			2035	**	5	\$4,500	
<i>Cracking, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Phantom Slip</i>								
Gangways								
Aluminum	100%	4+	\$11,800	2052	**	1-3	\$4,600	
<i>Missing Connections, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Phantom Slip</i>								
Piles and Bracing								
Steel	50%			2036	**	5-10	\$13,800	
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : In Tidal Zone And Splash Zone At All Slips</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : In Tidal Zone And Splash Zone At All Slips</i>								
Not Accessible	50%							
Protective Structure								
Pile Cluster								
Timber	60%			2027		4-10	\$44,000	
Not Accessible	40%							
Deck Elements								
Railing								
Timber	25%	Now	\$3,800	2021			\$3,800	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Phantom Slip</i>								
Timber	75%			2020			\$11,500	
Fender								
Facing								
Timber	80%			2021			\$199,900	
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Abrasion</i>								
Timber	15%	Now	\$37,500	2026			\$37,500	
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Timber Facing At Both Racks Of Phantom Slip</i>								
<i>Explanation : Broken</i>								
Not Accessible	5%							

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

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

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

DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, AND PHANTOM
Asset # : 13899

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Piles								
Steel	10%	2-4	\$29,000	2027	\$72,600			
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Corrosion Holes At Some Hardware Connections In Tidal Zone</i>								
<i>Explanation : Corrosion</i>								
Steel	50%	4+	\$72,600	2027	\$363,000			
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout In Tidal And Splash Zones</i>								
<i>Explanation : Missing Coating</i>								
Not Accessible	40%							
Wales and Chocks								
Timber	100%			2027	\$395,500			
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Splitting</i>								
Gallows Frames								
Tower Frames								
Steel	100%			2035	**			
<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								
Bearings								
Steel	100%			2035	**			
Deck and Railing								
Steel	100%			2035	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated At Slips B-1 And B-2</i>								
<i>Explanation : Coating Loss And 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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : WALL STREET FERRY PIER SLIPS A, C, E NORTH SIDE PIER 11
Address : PIER 11, GOUVERNEUR LANE EAST RIVER
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0200.000 / 14194 **Yr Built/Renovated** :
Area Sq Ft : 11,300 **Project Type** : FERRIES
Date of Survey : 04-Dec-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 36 **Lot** : 18 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$64,000	\$776,100
Total	\$64,000	\$776,100
Importance Code A	\$64,000	\$776,100
Total	\$64,000	\$776,100

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$3,500	\$800	\$10,000	\$8,800
Total	\$3,500	\$800	\$10,000	\$8,800
Importance Code A			\$3,800	\$8,000
Importance Code B	\$200	\$200	\$5,300	\$200
Importance Code C	\$3,300	\$600	\$900	\$600
Total	\$3,500	\$800	\$10,000	\$8,800



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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 NORTH SIDE PIER 11
Asset # : 14194

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Steel	100%			2053	* *			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Bottom Of Gangways</i>								
Gangways								
Aluminum	100%			2053	* *	1-3	\$17,600	
Floating Docks								
Anchor Piles								
Steel	45%			2047	* *	3-5	\$11,900	
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Above Mlw Elevation And At Slip E Piles</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Above Mlw Elevation</i>								
Not Accessible	55%							
Fenders								
Rubber	75%			2022	\$7,700	1-2	\$5,700	
<i>Worn, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Rubber	25%	2-4	\$2,600	2027	\$2,600	1-2	\$1,700	
<i>Worn, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Isolated At Fenders All Slips At North Side</i>								
Barge								
Steel	40%			2036	* *	5	\$15,900	
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : Isolated On All Barge Surfaces And Sides, But Concentrated On Slip E Barge</i>								
Not Accessible	60%							
Protective Structure								
Donut Fender								
Steel/Rubber	60%			2026				
No Component	40%							
Deck Elements								
Railing								
Steel	100%			2025	\$776,100			
Electrical								
Conduit								
PVC	100%			2023	\$24,000			
Lighting Fixture								
Incandescent	100%			2021	\$64,000			
Movable Ramps								
Deck and Railing								
Steel	100%			2036	* *			
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : On Mechanical Elements</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : WALL STREET FERRY PIER SLIPS B, D SOUTH SIDE PIER 11
Address : PIER 11, GOUVERNEUR LANE EAST RIVER
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0200.010 / 14265 **Yr Built/Renovated** :
Area Sq Ft : 7,560 **Project Type** : FERRIES
Date of Survey : 04-Dec-2015 **Landmark Status** : NONE
Areas Surveyed :
Block : 36 **Lot** : 18 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$37,900	\$611,700
Total	\$37,900	\$611,700
Importance Code A	\$37,900	\$611,700
Total	\$37,900	\$611,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$1,200	\$400	\$5,800	\$5,800
Total	\$1,200	\$400	\$5,800	\$5,800
Importance Code A	\$100		\$1,900	\$5,400
Importance Code B	\$200	\$200	\$3,600	\$200
Importance Code C	\$900	\$200	\$400	\$200
Total	\$1,200	\$400	\$5,800	\$5,800



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

Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Steel	100%			2053	**			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : On Gangway Supports And At Bottom Of Gangways</i>								
Gangways								
Aluminum	100%			2053	**	1-3	\$11,700	
Floating Docks								
Anchor Piles								
Steel	45%			2053	**	3-5	\$5,900	
<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%							
Fenders								
Rubber	15%	0-2	\$600	2027	\$600	1-2	\$400	
<i>Worn, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Fenders On East Side Of Slip D</i>								
Rubber	85%			2022	\$3,500	1-2	\$2,500	
<i>Worn, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Barge								
Steel	40%			2036	**	5	\$10,800	
<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%							
Deck Elements								
Railing								
Steel	100%			2025	\$611,700			
Electrical								
Conduit								
PVC	100%			2023	\$14,100			
Lighting Fixture								
Incandescent	100%			2021	\$37,900			
Movable Ramps								
Deck and Railing								
Steel	100%			2036	**			
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : On Mechanical Elements</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 : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER
Address : WEST 39TH ST AND 12TH AVEE @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 : 02-Feb-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : 665 **Lot** : 14 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$294,000	\$932,800
Total	\$294,000	\$932,800
Importance Code A	\$294,000	\$932,800
Total	\$294,000	\$932,800

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$36,200	\$2,400	\$16,400	\$37,600
Total	\$36,200	\$2,400	\$16,400	\$37,600
Importance Code A	\$24,700			\$34,500
Importance Code B	\$1,700	\$700	\$14,800	\$1,400
Importance Code C	\$9,900	\$1,700	\$1,600	\$1,700
Total	\$36,200	\$2,400	\$16,400	\$37,600



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.
 Estimates are rounded to the nearest hundred dollars.
 Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Steel	15%			2047	**			
No Component	85%							
Gangways								
Aluminum	95%			2047	**	1-3	\$48,500	
Aluminum	5%	4+	\$1,100	2047	**	1-3	\$2,500	
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Beneath Base Plates At North And South Gangways, East Ends</i>								
<i>Explanation : Deteriorated Grout Pads</i>								
Piles and Bracing								
Steel	50%			2047	**	5-10	\$1,100	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Above Mlw</i>								
<i>Missing Coating, Extent : Light, Area Affected : 20%</i>								
<i>Location : Above Mlw</i>								
Not Accessible	50%							
Floating Docks								
Anchor Piles								
Steel	50%			2047	**	3-5		
<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%							
Fenders								
Rubber	60%			2025	\$13,600	1-2	\$10,000	
Rubber	40%	2-4	\$9,100	2027	\$9,100	1-2	\$5,900	
<i>Worn, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Contact Point With Ferries</i>								
Railing								
Steel	100%			2025	\$860,200			
<i>Broken, Extent : Light, Area Affected : 10%</i>								
<i>Location : Mid Rail At Slip 2</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
WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER

Asset # : 14195

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Floating Docks								
Barge								
Steel	48%			2036	* *	5	\$69,000	
<i>Corrosion, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Isolated Throughout Top And Sides Of Barges And At Access Hatches</i>								
<i>Displaced Component, Extent : Light, Area Affected : 10%</i>								
<i>Location : Up To 2 Inches At Connections Between Center Barge And North And South Barges</i>								
<i>Worn, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : On Vertical Faces Of Barges At Barge Pin Connections, West Side</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>								
Steel	2%	4+	\$23,200	2036	* *	5	\$1,400	
<i>Corrosion, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Hole In Access Hatch, East Side Of North Barge</i>								
Not Accessible	50%							
Electrical								
Conduit								
Steel	98%			2025			\$71,100	
Steel	2%	Now	\$1,500	2027			\$1,500	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At East Side Of South Barge, South Of Gangway</i>								
<i>Explanation : Detached Grounding Cable</i>								
Lighting Fixture								
Incandescent	100%			2021			\$256,000	
Fender								
Piles								
Timber	50%	Now	\$25,300	2032	* *			
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At North Dolphin</i>								
<i>Explanation : Broken Piles</i>								
Timber	25%	2-4	\$12,700	2032	* *			
<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	25%							
Movable Ramps								
Deck and Railing								
Steel	100%			2036	* *			

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

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

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

Asset Name : WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3
Address : UPPER NEW YORK BAY SOUTH ST AND WHITEHALL ST
Borough : MANHATTAN **Agency's Number** : N/A
Program / Asset # : DOT0190.000 / 13889 **Yr Built/Renovated** :
Area Sq Ft : 6,510 **Project Type** : FERRIES
Date of Survey : 08-Sep-2014 **Landmark Status** : NONE
Areas Surveyed :
Block : **Lot** : **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks	\$2,513,500	\$12,672,700
Total	\$2,513,500	\$12,672,700
Importance Code A	\$2,513,500	\$12,672,700
Total	\$2,513,500	\$12,672,700

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$17,000			
Total	\$17,000			
Importance Code A	\$17,000			
Total	\$17,000			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site 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
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Concrete	45%			2035	* *	5		
<i>Cracking, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Throughout</i>								
Timber	5%			2024		5		
Not Accessible	50%							
Piles and Bracing								
Steel	10%			2046	* *	5-10		
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Above Mlw</i>								
Not Accessible	90%							
Fender								
Facing								
Timber	15%	2-4	\$327,900	2024	\$327,900			
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Abrasion</i>								
Timber	85%			2021	\$1,858,100			
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Abrasion</i>								
Piles								
Timber	5%	Now	\$39,600	2031	* *			
<i>Other Observation, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Offshore Clusters</i>								
<i>Explanation : Broken</i>								
Timber	10%	4+	\$79,200	2031	* *			
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Impact Damage</i>								
Timber	45%			2027	\$7,126,500			
Not Accessible	40%							
Wales and Chocks								
Timber	10%	2-4	\$208,700	2031	* *			
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Isolated Throughout</i>								
<i>Explanation : Impact Damage</i>								
Timber	50%			2027	\$5,218,300			
Not Accessible	40%							
Gallows Frames								
Tower Frames								
Steel	100%			2035	* *			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Isolated Throughout</i>								
<i>Explanation : Coating Damage</i>								
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
WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3
Asset # : 13889

Marinas/Docks		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Movable Ramps								
Bearings								
Not Accessible	100%							
Deck and Railing								
Steel	65%			2035			* *	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Coating Loss On Railing</i>								
Steel	5%	0-2	\$17,000	2035			* *	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Slip Two Bottom Ramp</i>								
<i>Explanation : Asphalt Deck Surface Delaminating</i>								
Not Accessible	30%							

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

Print Date : 14-Dec-2016

DEPARTMENT OF TRANSPORTATION - FY 2017

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 : 11-Feb-2016 **Landmark Status** : NONE
Areas Surveyed :
Block : 2539 **Lot** : 4 **BIN** :

CAPITAL	FY 2018 - 2021	FY 2022 - 2027
Marinas/Docks		\$291,500
Total		\$291,500
Importance Code A		\$291,500
Total		\$291,500

EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Marinas/Docks	\$27,900	\$400	\$500	\$14,100
Total	\$27,900	\$400	\$500	\$14,100
Importance Code A	\$2,600		\$400	\$12,000
Importance Code B	\$25,200	\$100	\$100	\$2,000
Importance Code C	\$100	\$300	\$100	\$100
Total	\$27,900	\$400	\$500	\$14,100



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DEPARTMENT OF TRANSPORTATION - 841
YANKEE STADIUM FERRY LANDING
Asset # : 14196

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Gangways								
Steel	100%	Now	\$25,200	2057	* *	1-3	\$6,600	
<i>Corrosion, Extent : Light, Area Affected : 15%</i>								
<i>Location : At Underside And Along Surface Of East And West Gangways</i>								
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Both North And South Support Beams Sheared At West End</i>								
<i>Explanation : Broken</i>								
Floating Docks								
Anchor Piles								
Steel	25%			2047	* *	3-5	\$1,100	
<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>								
Steel	25%	0-2	\$2,600	2057	* *	3-5	\$1,100	
<i>Not Plumb, Extent : Severe, Area Affected : 50%</i>								
<i>Location : North Anchor Pile</i>								
Not Accessible	50%							
Deck								
Steel	100%			2025			\$2,700	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Surface And Underside Of Elevated Platform</i>								
Fenders								
Rubber	25%			2025	\$500	1-2	\$400	
<i>Worn, Extent : Light, Area Affected : 2%</i>								
<i>Location : Rubber Tires At West Side</i>								
Rubber	25%			2025	\$500	1-2	\$400	
<i>Worn, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Face Of Barge</i>								
Timber	25%			2025	\$300	3	\$800	
<i>Worn, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Face Of Barge</i>								
No Component	25%							
Barge								
Steel	60%			2036	* *	5	\$5,700	
<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%							
Deck Elements								

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DEPARTMENT OF TRANSPORTATION - 841
YANKEE STADIUM FERRY LANDING
Asset # : 14196

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railing								
Steel	100%			2025	\$291,500			
		<i>Corrosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Isolated Throughout</i>						
Electrical								
Conduit								
Steel	100%			2025	\$14,900			
Lighting Fixture								
Sodium	100%			2021	\$8,800			

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DEPARTMENT OF TRANSPORTATION - 841

Project : HIGHWAYS

CAPITAL		FY 2018 - 2021		FY 2022 - 2027	
Miscellaneous Buildings		142,700		64,900	
EXPENSE		FY 2018	FY 2019	FY 2020	FY 2021
Miscellaneous Buildings		216,000	27,300	29,200	21,800

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
545	ARTERIAL AND FLEET SERVICES SHED 2	1,000	0	20,500
546	ARTERIAL AND FLEET SERVICES SHED 3	1,000	0	20,500
547	ARTERIAL AND FLEET SERVICES SHED 4	1,000	0	20,500
548	ARTERIAL AND FLEET SERVICES GUARD HOUSE 1	96	0	2,000
553	KENT AVENUE BRIDGE COMPLEX GARAGE 6, 7 AND BOILER ROOM	2,248	57,300	6,600
565	ARTERIAL AND FLEET SERVICES STORAGE 2	1,073	0	22,000
566	ARTERIAL AND FLEET SERVICES TRAILER 1	300	0	6,100
567	ARTERIAL AND FLEET SERVICES TRAILER 2	224	0	4,600
568	ARTERIAL AND FLEET SERVICES TRAILER 3	480	0	9,800
569	ARTERIAL AND FLEET SERVICES TRAILER 4	480	0	9,800
570	ARTERIAL AND FLEET SERVICES SHED 1	600	0	12,300
1014	GLENDALE YARD BLDG. 6	831	0	17,000
1015	GLENDALE YARD BLDG. 5	913	0	18,700
1016	GLENDALE YARD BLDG. 8	600	0	12,300
1017	GLENDALE YARD BLDG. 9	288	0	5,900
1025	HAMILTON AVE. ASPHALT PLANT STORAGE	1,472	37,500	4,300
1026	HAMILTON AVE. ASPHALT PLANT STORAGE	96	0	2,000
1027	FLATLANDS AVENUE YARD GARAGE 7	105	0	2,100
1037	FLATLANDS AVENUE YARD GARAGE 3	480	0	9,800
1038	FLATLANDS AVENUE YARD GARAGE 4	1,000	0	20,500
1039	FLATLANDS AVENUE YARD GARAGE 5	1,000	0	20,500
1040	FLATLANDS AVENUE YARD GARAGE 6	576	0	11,800
14124	BROOKLYN ARTERIAL HWYS GARAGE	4,425	112,800	13,000
14853	BROOKLYN ARTERIAL HIGHWAY GARAGE STORAGE SHED	1,062	0	21,700

Project : WATERWAY BRIDGES

CAPITAL		FY 2018 - 2021		FY 2022 - 2027	
Special Systems		460,000,000		0	
EXPENSE		FY 2018	FY 2019	FY 2020	FY 2021
Special Systems		12,267,000	13,531,000	13,819,000	14,123,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2462	MANHATTAN BRIDGE MANHATTAN BRIDGE/EAST RIVER	1,203,814	85,000,000	12,234,000

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DEPARTMENT OF TRANSPORTATION - 841

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2463	WILLIAMSBURG BRIDGE WILLIAMSBURG BR/EAST RIVER	741,020	0	14,020,000
2464	QUEENSBORO BRIDGE QUEENSBORO BR/EAST RIVER	1,287,107	125,000,000	15,255,000
2815	BROOKLYN BRIDGE BROOKLYN BRIDGE/I-278 BQE	633,015	250,000,000	12,231,000

Project: FERRIES

CAPITAL	FY 2018 - 2021		FY 2022 - 2027	
Special Systems	29,100,000		0	
EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Special Systems	8,065,000	8,065,000	8,065,000	8,065,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
1018	FERRY-JOHN F. KENNEDY		4,000,000	10,332,000
1021	FERRY-ANDREW J. BARBIERI		3,200,000	332,000
1022	FERRY-SAMUEL I. NEWHOUSE		6,400,000	332,000
4307	FERRY-ALICE AUSTEN		2,000,000	300,000
4308	FERRY-JOHN A. NOBLE		1,000,000	300,000
4538	FERRY-MOLINARI		5,000,000	10,000,000
4539	FERRY-MARCHI		2,500,000	10,332,000
4540	FERRY-SPIRIT		5,000,000	332,000

Project: ELECTRIC CONTROL

CAPITAL	FY 2018 - 2021		FY 2022 - 2027	
Special Systems	36,237,000		0	
EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Special Systems	23,400,000	23,400,000	23,400,000	23,400,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2829	STREET LIGHTING SYSTEM		36,237,000	93,600,000

Project: HIGHWAYS

CAPITAL	FY 2018 - 2021		FY 2022 - 2027	
Special Systems	2,394,780,000		0	
EXPENSE	FY 2018	FY 2019	FY 2020	FY 2021
Special Systems	0	0	0	0

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2841	STREETS AND HIGHWAYS PRIMARY		381,480,000	0
2842	STREETS AND HIGHWAYS SECONDARY		552,440,000	0
2843	STREETS AND HIGHWAYS LOCAL		1,379,780,000	0
2844	STREETS AND HIGHWAYS ARTERIAL		40,000,000	0
2845	STREETS AND HIGHWAYS STEP		41,080,000	0

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DEPARTMENT OF TRANSPORTATION - 841

Project: TRAFFIC

CAPITAL		FY 2018 - 2021		FY 2022 - 2027	
Special Systems		12,899,000		0	
EXPENSE		FY 2018	FY 2019	FY 2020	FY 2021
Special Systems		42,322,000	42,322,000	42,322,000	42,322,000
ASSET #	NAME	SQFT		CAPITAL	EXPENSE
2830	TRAFFIC LIGHT SYSTEM			12,899,000	169,288,000

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