Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **3,723**			**Project Type**	: **FERRIES**
Date of Survey	: **30-Oct-2018**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1**				
Block	: **966**	**Lot**	: **50**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$44,500	$44,500
Electrical		$38,900
Total	**$44,500**	**$83,400**
Importance Code A	$44,500	$44,500
Importance Code B		$38,900
Total	**$44,500**	**$83,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$14,900			
Interior Architecture	$9,400		$300	
Electrical	$6,500	$600	$700	$600
Mechanical	$100			
Site Enclosure	$1,800			
Site Pavements	$5,600	$500	$12,900	$500
Total	**$38,400**	**$1,200**	**$14,000**	**$1,200**
Importance Code A	$14,900			
Importance Code B	$15,400	$600	$1,100	$600
Importance Code C	$8,100	$500	$12,900	$500
Total	**$38,400**	**$1,200**	**$14,000**	**$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
EAST 34 ST. FERRY TERMINAL / EAST 35 ST. PIER
Asset # : 14223

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								
Exposed Struc: Steel	45%			LIFE	* *	5	$23,300	
Metal/Glass Curt Wall	17%			LIFE	* *	5	$5,300	
Metal Panel	30%			2050	* *	5-10	$17,100	
Window Wall	2%			2050	* *	5	$600	
Wood	6%	2-4	$500	2043	* *	5	$1,200	
Deteriorated Finish, Extent : Moderate, Area Affected : 100%								
Location : Ticket Booth Facade								
Windows								
Aluminum	100%			2046	* *	5	$100	
Roof								
Single Ply Membrane	92%			2035	* *	10	$13,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Light Weight Fabric Structure								
Not Accessible	8%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Roof Atop Ticket Booth - Inaccessible assume Concrete Deck								
Soffits								
Exposed Struc: Steel	100%			LIFE	* *	5	$89,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Canopy								
Explanation : Steel Structure Covered By Fabric Material								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	* *	5	$12,200	
Vinyl Tile	50%			2035	* *	3	$1,000	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	* *	5	$1,100	
Gypsum Board	50%	Now	$100	LIFE	* *	5	$800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilet								
Ceilings								
Exposed Struc: Steel	50%			LIFE	* *	10	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : Metal Decking								
Gypsum Board	50%			LIFE	* *	5-10	$2,200	
Site Enclosure								

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DEPARTMENT OF TRANSPORTATION - 841
EAST 34 ST. FERRY TERMINAL / EAST 35 ST. PIER
Asset # : 14223

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
Site Enclosure								
Fence/Gates								
Chain Link	100%	2-4	$1,800	2050	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 5%								
Location : Throughout Deck								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chian Link Is Stainless Steel Wire Mesh								
Free Standing Walls								
Cast in Place Concrete	100%			2065	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Under Canopy								
Explanation : Wall In Metal Panel								
Site Pavements								
Public Sidewalk								
Pavers/Stone	100%			2039	* *			
On-Site Walkways								
Metal	10%			2050	* *	1-3	$17,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Dock Area								
Explanation : Material Is Wood Plank								
Metal	15%			2050	* *	1-3	$25,500	
Pavers/Stone	75%	2-4	$5,100	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : At Ferry Gates								
Explanation : Erosion Caused By Gate Swing								

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								
Service Equipment								
Molded Case Bkrs	100%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : The Main Service Switch Rated At 400 Amperes. It Is In Good Condition.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2050	* *	5	$100	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Molded Case Bkrs	100%			2046	* *	5	$100	
Wiring								
Thermoplastic	100%			2050	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							

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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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$1,200	
Generators								
Diesel	100%			2043	* *	1	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : Emergency Generator Is Rated At 77 Kilowatts. It Is In Good Condition.								
Batteries								
Lead/Acid	100%			2025	$1,600	5	$100	
Fuel Storage								
Main Tank	100%			2065	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : No Available Nameplate Rating Capacity.								
Lighting								
Interior Lighting								
Fluorescent	100%			2030	$38,900	10	$3,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	100%			2035	* *	10		
Alarm								
Security System								
Generic	50%			2035	* *	1	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : CCTV Surveillance Cameras Are In Working Condition.								
Generic	50%	Now	$5,900	2040	* *	1	$600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ticket Booth								
Explanation : The Communication System Failed, It Is Not Operational.								
Fire/Smoke Detection								
Generic, Analog	100%			2038	* *	1-3	$2,300	

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	10%			2050	* *	1		
No Component	90%							

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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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Radiant Heater	10%			2030	$6,400	2	$200	
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	10%			2046	* *	1		
No Component	90%							
Conversion Equipment								
Split Unit	10%			2030	$7,800			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : Heating And Cooling								
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	* *	2-5	$300	
No Component	90%							
Exhaust Fans								
Roof	10%			2030	$600	2		
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	10%			2040	* *	1		
No Component	90%							
Sanitary Piping								
Cast Iron	10%			LIFE	* *	1		
No Component	90%							
Backflow Preventer								
No Component	90%							
Generic	10%			2030	$100	1		
Fixtures								
Generic	100%							

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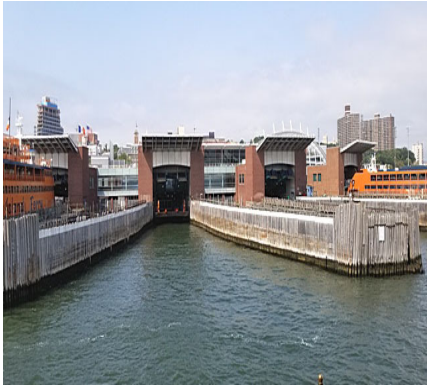
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$728,100	$3,523,300
Interior Architecture	$972,400	$547,100
Electrical	$166,400	$271,700
Mechanical	$276,600	$1,320,900
Total	**$2,143,400**	**$5,663,100**
Importance Code A	$728,100	$3,523,300
Importance Code B	$1,415,400	$2,139,800
Total	**$2,143,400**	**$5,663,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$52,900	$4,400		$18,400
Interior Architecture	$23,700		$3,100	$10,100
Electrical	$52,500	$37,900	$27,200	$31,700
Mechanical	$135,000	$107,200	$171,200	$89,000
Elevators/Escalators	$15,200	$15,200	$15,200	$15,200
Total	**$279,200**	**$164,700**	**$216,700**	**$164,400**
Importance Code A	$71,600	$17,100	$15,000	$30,800
Importance Code B	$207,600	$147,500	$201,600	$133,600
Importance Code C				
Total	**$279,200**	**$164,700**	**$216,700**	**$164,400**



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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Restaurant On First Floor								
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	$14,900	2048	* *	5	$3,400	
Corrosion/Rusting, Extent : Moderate, Area Affected : 100%								
Location : Bulkheads								
Thermally Inefficient, Extent : Moderate, Area Affected : 50%								
Location : Slips								
Parapets								
Masonry: Brick	20%			LIFE	* *	5	$3,400	
Metal Panel	10%	4+	$13,500	2046	* *	5	$3,300	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : West Slip								
Metal Rail	70%			2039	* *	5-10	$212,800	
Roof								
Asphalt Macadam	15%	Now	$24,500	2021	$244,800	5	$22,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Bus Lane Above Main Concourse								
Patching Evident, Extent : Moderate, Area Affected : 30%								
Location : Bus Lane Above Main Concourse								
Cast in Place Concrete	10%			LIFE	* *			
Metal Panel	15%			2039	* *	10	$125,900	
Modified Bitumen	40%	Now	$259,000	2026	$2,589,600			
Blisters, Extent : Moderate, Area Affected : 15%								
Location : Over Retail On First Floor								
Ponding, Extent : Moderate, Area Affected : 15%								
Location : Over Retail On First Floor								
Paver: Asphalt	10%	Now	$85,500	2035	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Over First Floor Corridor								
Vegetation Growth, Extent : Moderate, Area Affected : 15%								
Location : Over First Floor Corridor								
Sloped Glazing	5%			LIFE	* *	5	$305,100	
Not Accessible	5%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Fuel Service/ Oil Room Wing								
Explanation : This Is A New Green Roof Covered With Tall Grassy Vegetation								

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	* *	5	$106,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Slips								
Explanation : Movable Steel Ferry Boarding Bridges And Gallows Not Included In This Survey								
Ceramic Tile	60%	0-2	$887,600	2035	* *	5	$73,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Concourses								
Other Observation, Extent : Light, Area Affected : 75%								
Location : Concourses								
Explanation : Laid Over Old Terrazzo Flooring								
Steel Grating	5%			2052	* *	1		
Terrazzo	3%			LIFE	* *	5	$5,700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Main Waiting Room								
Explanation : Inlaid Harbor Map								
Terrazzo	2%	Now	$23,700	LIFE	* *	5	$3,800	
Cracking/Crumbling, Extent : Moderate, Area Affected : 80%								
Location : Train Turnstile Entrance Area								
Worn/Eroded, Extent : Moderate, Area Affected : 80%								
Location : Train Turnstile Entrance Area								
Vinyl Tile	10%			2026	$216,300	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		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ferry Waiting Room								
Explanation : Double Glazed Glass Enclosure And Sliding Boarding Doors								
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	$84,800	LIFE	* *	5	$100,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Main Concourse And Retail								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Main Concourse And Retail								
Metal Panel	20%			LIFE	* *	5	$50,300	

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Over 600 Volts								
Service Equipment								
Air Circuit Breaker	100%			2046	* *	3	$1,000	
Transformers								
Dry Type	100%			2039	* *	3	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 2,000 Kilovolt-ampere, 4,160 Volts To 120/208 Volts								
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	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Six 4,000 Amperes, Four 3,200 Amperes And Two 2,000 Amperes Main Disconnect Switches For Tenant Spaces								
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	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : All Motor Controlled Via Variable Frequency Drives And Connected To Building Management System								
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	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								

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

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generators								
Diesel	45%			2035	* *	1	$48,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : 1,000 Kilovolt-ampere Diesel Generator								
Diesel	45%			2041	* *	1	$48,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 400 Kilowatt								
Diesel	10%			2029	$7,600	1	$10,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Slips								
Explanation : Four Portable Generators								
Batteries								
Lead/Acid	100%			2021	$1,600	5	$10,300	
Fuel Storage								
Day Tank	20%			2042	* *	5	$10,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : One 750 Gallon - Also Serves Boiler								
Day Tank	20%			2051	* *	5	$10,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 275 Gallons								
Main Tank	40%			2054	* *	5	$3,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underground								
Explanation : One 4,000 Gallon								
Main Tank	20%			2041	* *	5	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fuel Storage Room								
Explanation : Two 5,000, One 2,000, Two 4,000 And One 10,000 Gallon Tanks For Generators, Vessels And Boilers								
Lighting								
Interior Lighting								
Fluorescent	65%			2031	* *	10	$166,400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
HID	35%			2031	* *	10	$3,200	
Egress Lighting								
Emergency, Service	50%			2031	* *	1		
Exit, Service	50%			2031	* *	1		

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Estimates are rounded to the nearest hundred dollars.
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DEPARTMENT OF TRANSPORTATION - 841
ST. GEORGE STATION FERRY, BUS, TRAIN TERMINAL
Asset # : 2420

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
Fluorescent	5%			2031	* *	10	$1,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Pedestrian Ramp								
HID	95%			2031	* *	10	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : Controlled Via Photocell								
Alarm								
Security System								
No Component	70%							
Generic	30%			2026	$264,100	1	$31,300	
Fire/Smoke Detection								
No Component	70%							
Generic	30%			2031	* *	1-3	$51,600	

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								
Interruptible Gas/Dual Fuel	100%			2046	* *	1		
Conversion Equipment								
Hot Water Boiler	90%			2039	* *	1	$124,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 3 Units								
Radiant Heater	10%			2031	* *	2	$12,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Concourse								
Explanation : Gas Fired Radiant Heaters In Ceiling								
Distribution								
Hot Wtr Piping/Pump	100%			2042	* *	4	$20,600	
Terminal Devices								
Air Handler	50%			2031	* *	1	$86,300	
Convector/Radiator	35%			2039	* *	1	$31,600	
Unit Heater - Steam	15%			2031	* *	4	$3,800	
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		
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	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room								
Explanation : 2 Units - Lithium Bromide Refrigerant								
Split Unit	5%			2034	* *			
Distribution								
CW & CHW 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+	$20,700	2027	$1,034,300	2	$224,700	
Damaged, Extent : Light, Area Affected : 5%								
Location : Rooftop								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 4 Cooling Towers Service Both Chillers								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$155,600	
Dented, Extent : Light, Area Affected : 10%								
Location : 2nd Floor Return Air								
Not Insulated, Extent : Light, Area Affected : 10%								
Location : Indoor Ceiling								
Exhaust Fans								
Interior	60%			2031	* *	2	$5,100	
Roof	40%			2026	$181,000	2	$3,400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2046	* *	1		
Water Heater								
Electric	100%			2024	$240,100	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : 5 Small Units								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	4+	$28,400	LIFE	* *	1		
Blockage /Clogged, Extent : Light, Area Affected : 10%								
Location : Roof								
Sewage Ejector(s)								
Electric	100%			2031	* *	4	$11,100	
Backflow Preventer								
Generic	100%			2031	* *	1	$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
ST. GEORGE STATION FERRY, BUS, TRAIN TERMINAL
Asset # : 2420

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : Three Units - Two Passenger, One Freight								
Escalators								
Under 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : One Unit								
Fire Suppression								
Standpipe								
Generic	100%			2046	* *	1-5	$140,700	
Sprinkler								
Generic	100%			2046	* *	1-2	$78,200	

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **VESSEL MAINTENANCE FACILITY**
Address : **1 BAY STREET @ FERRY TERMINAL**
Borough : **STATEN ISLAND**
Program / Asset # : **DOT0141.000 / 4379**
Area Sq Ft : **85,000**
Date of Survey : **16-Jun-2015**
Areas Surveyed : **Roof, Floors 1,2,3**
Block : **1** **Lot** : **70**

Agency's Number : **N/A**
Yr Built/Renovated : **1992 /**
Project Type : **FERRIES**
Landmark Status : **NONE**
BIN : **5132949**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$54,500	$104,700
Interior Architecture	$150,100	$273,900
Electrical	$54,600	$534,900
Mechanical	$1,305,300	$1,872,800
Total	**$1,564,400**	**$2,786,400**
Importance Code A	$86,500	$104,700
Importance Code B	$1,478,000	$2,598,900
Importance Code C		$82,700
Total	**$1,564,400**	**$2,786,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$59,600		$10,300	$6,300
Interior Architecture	$15,800			$3,900
Electrical	$2,600	$1,600	$1,900	$2,700
Mechanical	$20,000	$15,700	$47,900	$33,400
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$105,900**	**$25,200**	**$68,000**	**$54,200**
Importance Code A	$64,000	$4,200	$14,500	$10,500
Importance Code B	$31,400	$21,000	$53,500	$43,700
Importance Code C	$10,500			
Total	**$105,900**	**$25,200**	**$68,000**	**$54,200**

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
VESSEL MAINTENANCE FACILITY
Asset # : 4379

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$20,100	
Masonry: Brick	35%	4+	$17,700	LIFE	* *	5	$28,200	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	45%			LIFE	* *	5	$36,200	
Metal Panel	10%			2046	* *	5-10	$55,400	
Metal Coiling Doors	5%			2039	* *	5	$12,600	
Windows								
Aluminum	100%			2048	* *	5	$20,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Parapets								
Masonry: Brick	85%			LIFE	* *	5	$7,300	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Metal Panel	10%			2046	* *	5	$3,300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$2,700	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Roof								
Metal Panel	5%			2039	* *	10	$7,700	
Single Ply Membrane	30%			2031	* *	10	$25,100	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Upper Roof Area								
Single Ply Membrane	65%			2034	* *	10	$54,500	
Gravel/Stone Ballast, Extent : Light, Area Affected : 100%								
Location : Lower Roof								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Lower Roof Area								
Other Observation, Extent : Light, Area Affected : 95%								
Location : Main Roof Level								
Explanation : Photovoltaic Solar Panels								
Interior								
Floors								
Cast in Place Concrete	70%	2-4	$94,700	LIFE	* *	5	$191,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Paint Peeling, Extent : Light, Area Affected : 25%								
Location : Throughout								
Ceramic Tile	5%			2035	* *	5	$6,200	
Vinyl Tile	25%	2-4	$55,300	2031	* *	3	$11,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$12,200	
Concrete Masonry Unit	85%			LIFE	* *	5	$82,700	
Gypsum Board	10%	2-4	$10,500	LIFE	* *	5	$14,600	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	25%	0-2	$5,300	2039	* *	5	$15,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 20%								
Location : Throughout Third Floor								
Exposed Concrete	65%			LIFE	* *	5	$12,700	
Gypsum Board	10%			LIFE	* *	5	$15,600	

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								
Service Equipment								
Fused Disc Sw	80%			2036	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Amperes Main Disconnect Switch								
Photovoltaic Panel(s)	20%			2029	$1,700	1		
Transformers								
Dry Type	100%			2031	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 15 Kilovolt-ampere, 480hv-208y/120 Kilovolt-ampere								
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	$54,600	
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%						
	Location : Throughout						
HID	30%		2026	$181,200	10	$800	
Egress Lighting							
Emergency, Battery	50%		2026	$59,800	10	$10,300	
Exit, Battery	50%		2026	$20,400	10	$2,900	
Exterior Lighting							
Fluorescent	20%		2026	$56,800	10	$1,600	
	T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%						
	Location : Entrance						
HID	80%		2031	* *	10	$200	
Alarm							
Security System							
No Component	80%						
Generic	20%		2026	$53,600	1	$6,400	
Fire/Smoke Detection							
No Component	80%						
Generic, Digital	20%		2026	$183,500	1-3	$10,500	

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%		2052	* *	1		
Conversion Equipment							
Furnace	70%		2034	* *	1	$29,400	
Hot Water Boiler	5%		2024	$32,000	1	$2,100	
	On Extended Life, Extent : Light, Area Affected : 100%						
	Location : 1st Floor						
	Recent Repair Evident, Extent : Light, Area Affected : 100%						
	Location : 1st Floor						
Hot Water Boiler	25%		2043	* *	1	$10,500	
Distribution							
Hot Wtr Piping/Pump	100%		2048	* *	4	$4,200	

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Terminal Devices								
Air Handler	60%	Now	$140,000	2021	$700,200	1	$28,400	
Abandoned in Place, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Broken, Extent : Moderate, Area Affected : 10%								
Location : Air Handler Broken On 1st Floor								
Fan Coil Unit/Heat	40%			2026	$497,200	1	$11,000	
On Extended Life, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Air Conditioning								
Energy Source								
Electricity	100%			2042	* *	1		
Conversion Equipment								
Exterior Pkg Unit - Cooling	20%			2026	$134,400	2	$1,000	
Split Unit	70%			2031	* *			
Window/Wall Unit	10%			2024	$17,300	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$110,600	
Dehumidifier								
Not Accessible	100%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$47,400	
Exhaust Fans								
Roof	60%			2026	$82,700	2	$1,600	
Wall Unit	40%			2031	* *	2	$1,000	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2024	$364,200	1		
Water Heater								
Oil Fired	100%			2024	$68,900	1	$2,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : 117 Gallons								
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	$23,900	4	$5,100	
Fixtures								
Generic	100%							
Vertical Transport								

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : Two Units - One Passenger, One Freight								
Fire Suppression								
Standpipe								
Generic	100%			2026	$345,900	1-5	$42,900	
Sprinkler								
Generic	100%			2026	$812,700	1-2	$23,800	

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **21-Nov-2018**
Landmark Status : **NONE**
Areas Surveyed : **Roof, Floors 1,2**
Block : **665** **Lot** : **14** **BIN** :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$144,300	$158,200
Interior Architecture	$39,500	
Total	**$183,700**	**$158,200**
Importance Code A	$144,300	$158,200
Importance Code B	$39,500	
Total	**$183,700**	**$158,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$21,600		$34,800	
Interior Architecture	$36,900		$5,300	$8,500
Electrical	$9,200	$3,100	$4,400	$4,600
Mechanical	$32,400	$1,300	$2,700	$1,300
Site Pavements	$3,500			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$107,600**	**$8,300**	**$51,200**	**$18,400**
Importance Code A	$21,600		$34,900	
Importance Code B	$71,500	$8,300	$16,300	$17,800
Importance Code C	$14,500			$600
Total	**$107,600**	**$8,300**	**$51,200**	**$18,400**

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
WEST MIDTOWN FERRY TERMINAL / PIER 79
Asset # : 14635

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Metal Panel	13%			2050	* *	5-10	$22,600	
Metal Coiling Doors	2%			2043	* *	5	$1,600	
Stucco Cement	5%			2043	* *	5	$3,200	
Window Wall	80%			2050	* *	5	$75,800	
Parapets								
Metal Rail	100%			2043	* *	5-10	$53,500	
Roof								
Cast in Place Concrete	10%			LIFE	* *	10	$5,200	
Sloped Glazing	20%			LIFE	* *	5	$164,800	
Spray-on Foam	70%	Now	$16,400	2035	* *	5	$14,400	
Blisters, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 5%								
Location : North Side Of Building								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : South Side Of Building, By Generator								
Soffits								
Metal Panel	25%			2050	* *	5-10	$15,700	
Stucco Cement	75%	Now	$61,900	2043	* *	5	$8,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : West Side Walkway								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : West Side Walkway								
Interior								
Floors								
Carpet	35%			2029	$140,100	3	$15,800	
Cast in Place Concrete	5%			LIFE	* *	5	$6,600	
Ceramic Tile	50%			2039	* *	5	$15,000	
Vinyl Tile	10%	Now	$1,300	2035	* *	3	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : At Building Expansion Joints								
Interior Walls								
Ceramic Tile	5%			2039	* *	5	$1,200	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,000	
Glass: Single Pane	40%			LIFE	* *	5	$14,200	
Gypsum Board	10%			LIFE	* *	5-10	$4,000	
Metal Panel	40%			LIFE	* *	10	$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
WEST MIDTOWN FERRY TERMINAL / PIER 79
Asset # : 14635

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	Now	$1,300	2043	* *	5	$1,500	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : 2nd Floor Offices, Water Taxi								
Embossed Metal	30%	Now	$16,500	LIFE	* *	5	$4,100	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Gypsum Board	60%			LIFE	* *	5-10	$62,000	
Site Enclosure								
Fence/Gates								
Aluminum Rail	100%			2043	* *	5-10		
Free Standing Walls								
Cast in Place Concrete	10%			2065	* *			
Cast in Place Concrete	90%			2065	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Material Is Metal Panel								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$3,500	2043	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Along 12th Avenue								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Along 12th Avenue								
Explanation : Failing Expansion Joint In Sidewalk								
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2043	* *			

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
Over 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2050	* *	3	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 4,000 Ampere Main Disconnect Switch								
Transformers								
Dry Type	100%			2043	* *	3	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : One 150 Kilovolt-ampere 480 Volt-208/120 Volt								
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	3	$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 MIDTOWN FERRY TERMINAL / PIER 79
Asset # : 14635

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
Over 600 Volts								
Raceway								
Conduit	100%			2050	* *	1		
Under 600 Volts								
Panelboards								
Fused Disc Sw	10%			2046	* *	5		
Molded Case Bkrs	90%			2038	* *	5	$500	
Wiring								
Thermoplastic	80%			2050	* *	1		
Thermoplastic	20%	0-2	$5,800	2060	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : Exterior Under-concrete Wiring Was Damaged By The Sandy Storm And Is Causing Exterior Lighting Problems								
Motor Controllers								
Locally Mounted	100%			2043	* *	5	$100	
Ground								
Grounding Devices								
Not Accessible	100%							
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$6,200	
Generators								
Diesel	100%			2039	* *	1	$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Generator Room								
Explanation : One 134 Kilowatt								
Batteries								
Lead/Acid	100%			2024	$1,600	5	$700	
Fuel Storage								
Main Tank	100%			2058	* *	5	$600	
Lighting								
Interior Lighting								
Fluorescent	20%			2035	* *	10	$3,700	
T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Lobby, Facade, And Waiting Area								
Fluorescent	75%			2035	* *	10	$13,900	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout								
Incandescent	5%			2035	* *	2		
Egress Lighting								
Emergency, Service	70%			2035	* *	1		
Exit, LED	30%			2058	* *	1		
Exterior Lighting								
Fluorescent	20%			2035	* *	10	$400	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Walkway Shade								
HID	80%			2035	* *	10		

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

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
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$600	
Alarm								
Security System								
No Component	30%							
Generic	70%			2035	* *	1	$5,300	
Fire/Smoke Detection								
Generic, Analog	100%			2035	* *	1-3	$12,500	

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%			2056	* *	1		
Air Conditioning								
Energy Source								
Electricity	100%			2052	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	90%			2035	* *	2	$1,100	
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : Roof, Air Conditioning Units								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units Provide Heating Through Built In Gas Furnace								
Ext Pkg Unit - Heating/Cooling	10%	Now	$24,700	2040	* *	2	$100	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Roof								
Explanation : 1 Unit Broken								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$17,800	
Exhaust Fans								
Roof	15%			2035	* *	2	$100	
No Component	85%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Roof								
Explanation : Ventilation Process Through Air Conditioning Units								
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		

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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

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								
Electric	100%			2028	$17,400	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 120 Gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2035	* *	1	$1,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$5,700	
Fire Pump								
Generic	100%			2039	* *	1	$3,800	

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **01-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2,Mez,3**		
Block	: **2** **Lot** : **1**	**BIN**	: **1085792**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$370,000	$1,329,000
Interior Architecture	$797,500	$556,600
Electrical		$216,100
Mechanical	$51,300	$7,178,900
Total	**$1,218,800**	**$9,280,500**
Importance Code A	$370,000	$1,687,200
Importance Code B	$751,700	$7,542,700
Importance Code C	$97,100	$50,700
Total	**$1,218,800**	**$9,280,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$36,800			
Interior Architecture	$98,600	$23,200		$11,600
Electrical	$38,200	$24,800	$35,800	$26,400
Mechanical	$84,200	$132,000	$81,000	$114,300
Site Pavements	$6,100			
Elevators/Escalators	$32,600	$32,600	$32,600	$32,600
Total	**$296,400**	**$212,600**	**$149,400**	**$184,900**
Importance Code A	$46,000	$11,100	$9,200	$11,100
Importance Code B	$234,800	$201,500	$140,200	$173,800
Importance Code C	$15,600			
Total	**$296,400**	**$212,600**	**$149,400**	**$184,900**

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	10%			LIFE	* *	5	$31,000	
Metal, Corrugated	10%			2050	* *	1		
Metal Panel	20%			2050	* *	5-10	$341,400	
Pre-Cast Concrete	5%			LIFE	* *	5	$80,700	
Window Wall	55%			2050	* *	5	$512,100	
Windows								
Metal Louvers	100%	Now	$1,000	2039	* *			
Deformed/Dented, Extent : Moderate, Area Affected : 5%								
Location : 3rd Floor Mechanical Room								
Parapets								
Concrete Masonry Unit	10%			LIFE	* *	5-10	$25,600	
Metal Panel	5%			2050	* *	5	$9,000	
Metal Rail	85%			2047	* *	5-10	$716,900	
Roof								
Modified Bitumen	80%	4+	$48,000	2035	* *			
Blisters, Extent : Light, Area Affected : 5%								
Location : Lower Roof								
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : Lower Roof								
Plaza Roof: Stone Panels	20%			2050	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Upper Roof Level								
Explanation : On Pedestal System								
Soffits								
Metal Panel	100%			2050	* *	5-10		
Interior								
Floors								
Carpet	5%			2026	$206,100	3	$31,000	
Cast in Place Concrete	25%			LIFE	* *	5	$338,900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : First Floor Utility Area								
Paint Peeling, Extent : Light, Area Affected : 10%								
Location : Boiler And Mechanical Rooms								
Ceramic Tile	15%	4+	$18,800	2039	* *	5	$23,200	
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Toilets On 2nd Floor								
Granite Panels	10%			LIFE	* *	5	$46,500	
Terrazzo	35%	Now	$262,800	LIFE	* *	5	$84,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : 2nd Floor Waiting Room								
Vinyl Tile	10%	4+	$5,500	2035	* *	3	$11,600	
Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%								
Location : Elevator Lobby 2nd And 3rd Floors								
Worn/Eroded, Extent : Light, Area Affected : 15%								
Location : Elevator Lobbies								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	60%			LIFE	* *	5	$101,300	
Glass: Special Gauge	10%			LIFE	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Main Waiting Room								
Explanation : Double Glazed Wall And Sliding Boarding Doors								
Gypsum Board	20%			LIFE	* *	5-10	$71,800	
Metal Panel	10%			LIFE	* *	10	$9,500	
Ceilings								
AcousTileSusp.Lay-In	15%			2047	* *	5	$46,500	
Exposed Struc: Steel	15%			LIFE	* *	10	$92,900	
Gypsum Board	5%			LIFE	* *	5-10	$53,300	
Metal Panel	65%	Now	$175,300	LIFE	* *	5	$251,700	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Ferry Boarding Area								
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Entrance And Main Waiting Area 2nd Floor								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2050	* *			
Site Pavements								
Public Sidewalk								
Pavers/Stone	100%			2039	* *			
On-Site Walkways								
Masonry: Granite	75%			LIFE	* *			
Pavers/Stone	25%	0-2	$6,100	2039	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Main Entrance								
Parking/Driveway								
Asphalt	100%			2039	* *			

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								
Service Equipment								
Fused Disc Sw	100%			2050	* *	5	$900	
Transformers								
Dry Type	100%			2043	* *	5	$800	
Switchgear / Switchboard								
Fused Disc Sw	100%			2050	* *	5	$900	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	30%			2046	* *	5	$1,400	
Molded Case Bkrs	70%			2046	* *	5	$3,800	

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	20%			2043	* *	5	$300	
Motor Control Center	80%			2043	* *	5	$4,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pump Room								
Explanation : Main Water Pipe								
Stand-by Power								
Transfer Switches								
Automatic	100%			2043	* *	1	$63,700	
Generators								
Diesel	100%			2039	* *	1	$80,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mezzanine								
Explanation : The Generator Is Rated 800 Kilovolt-amperes.								
Batteries								
Lead/Acid	100%			2024	$1,600	5	$7,700	
Fuel Storage								
Day Tank	20%			2046	* *	5	$7,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : The Day Tank Capacity Is Rated 275 Gallons. It Is In Good Condition.								
Main Tank	80%			2058	* *	5	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Ground Floor								
Explanation : The Capacity Of The Main Tank Is 2,600 Gallons. It Is In Good Condition.								
Lighting								
Interior Lighting								
Fluorescent	10%			2030	$216,100	10	$19,000	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Interior Areas								
HID	10%			2035	* *	10	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : The Metal Halide Light Fixtures Are In Good Condition.								
LED	80%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Most Of The Building Interior Areas								
Explanation : New LED Fixtures Were Installed About 9 Months Ago.								
Egress Lighting								
Emergency, Service	50%			2035	* *	1		
Exit, Service	50%			2035	* *	1		

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	100%			2035	* *	10	$600	
Lightning Protection								
Arresters/Cabling								
Generic	100%			2058	* *	5	$6,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : The Lightning Protection System Is In Good Condition.								
Alarm								
Security System								
No Component	70%							
Generic	30%			2035	* *	1	$23,200	
Fire/Smoke Detection								
No Component	30%							
Generic, Digital	70%			2035	* *	1-3	$89,300	

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%			2050	* *	1		
Conversion Equipment								
Hot Water Boiler	90%			2035	* *	1	$92,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 3rd Floor Mechanical Equipment Room								
Explanation : 1 Unit								
Radiant Heater	10%			2030	$358,200	2	$9,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Street Side Of Main Lobby								
Explanation : Gas Fired Radiant Heater In Main Lobby Ceiling								
Distribution								
Hot Wtr Piping/Pump	90%			2038	* *	4	$13,800	
Hot Wtr Piping/Pump	10%	Now	$3,200	2046	* *	4	$1,000	
Leak Evident, Extent : Severe, Area Affected : 10%								
Location : 3rd Floor Mechanical Room								
Terminal Devices								
Air Handler	90%			2030	$2,557,800	1	$115,200	
Fan Coil Unit/Heat	10%			2030	$302,700	1	$6,700	
Air Conditioning								
Energy Source								
Natural Gas	100%			2050	* *	1		

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Absorption Chiller/Direct Fire	80%			2038	* *	1	$179,200	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3rd Floor Mechanical Equipment Room								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : 3rd Floor Mechanical Room								
Split Unit	20%			2035	* *			
Distribution								
CW & CHW Wtr Pipe/Pump	100%			2050	* *	4	$15,300	
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	$2,266,800	1	$128,000	
Heat Rejection								
Water Cooling Tower	100%			2028	$767,000	2	$208,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$182,800	
Exhaust Fans								
Interior	80%			2030	$575,200	2	$5,100	
Roof	20%			2030	$67,100	2	$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater								
Gas Fired	100%			2028	$123,300	2	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 3rd Floor Mechanical Equipment Room								
Explanation : One 250 Gallon And One 113 Gallon Tank								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sewage Ejector(s)								
Electric	100%			2030	$58,200	4	$12,400	
Backflow Preventer								
Generic	100%			2030	$51,400	1	$12,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Two Units From 1st Floor To Roof, One Unit From 1st To 3rd Floor, One Unit From 1st To 2nd Floor								
Explanation : 4 Units								

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
WHITEHALL FERRY TERMINAL
Asset # : 2418

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Transport								
Escalators								
Over 20' Rise	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : 5 Units								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$104,400	
Sprinkler								
Generic	100%			2040	* *	1-2	$58,000	
Fire Pump								
Generic	100%			2033	* *	1	$38,700	
Corroded, Extent : Light, Area Affected : 5%								
Location : 1st Floor								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$103,700	
Total	**$103,700**	
Importance Code A	$103,700	
Total	**$103,700**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$20,200			
Interior Architecture			$100	
Electrical	$6,000			
Mechanical	$100	$5,500	$100	$100
Total	**$26,300**	**$5,600**	**$300**	**$100**
Importance Code A	$20,300	$100	$100	$100
Importance Code B	$6,000	$5,500	$200	
Importance Code C				
Total	**$26,300**	**$5,600**	**$300**	**$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

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								
Masonry: Brick	95%	Now	$64,200	LIFE	* *	5	$6,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$3,700	LIFE	* *	5	$1,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Building Base								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : At Window Sills								
Windows								
Glass Block	100%			LIFE	* *	5	$500	
Parapets								
Masonry: Brick	95%	Now	$39,500	LIFE	* *	5	$2,200	1
Diagonal Cracks, Extent : Severe, Area Affected : 25%								
Location : Corners								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$900	LIFE	* *	5	$700	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Roof								
Modified Bitumen	100%	Now	$15,600	2032	* *			1
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	* *	5	$4,200	
Vinyl Tile	35%			2032	* *	3	$400	
Interior Walls								
Concrete Masonry Unit	25%			LIFE	* *	5		
Masonry: Brick	75%			LIFE	* *			
Water Penetration, Extent : Severe, Area Affected : 25%								
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
ARTERIAL AND FLEET SERVICES GAS HOUSE
Asset # : 564

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	$500	
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2027	$3,900	1		
Panelboards								
Fused Disc Sw	10%			2026	$800	5		
Molded Case Bkrs	40%			2026	$3,100	5		
Molded Case Bkrs	50%			2043	* *	5		
Wiring								
Braided Cloth	70%	2-4	$6,000	2052	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	30%			2047	* *	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2027	$4,300	10	$1,700	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Exterior Lighting								
HID	20%			2035	* *	10		
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2027	$4,100	1-3	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Inside								
Explanation : Alarm Bells And Horns								

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%			2037	* *	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 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
Heating								
Conversion Equipment								
Furnace	100%			2027	$4,300	1	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : 2 Direct Fired Unit Heaters								
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Window/Wall Unit	100%			2022	$3,800	1		
Ventilation								
Exhaust Fans								
Wall Unit	100%			2027	$700	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Electric	100%			2022	$1,600	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$1,100	$5,900		
Interior Architecture	$400			
Electrical				
Mechanical		$200		
Total	**$1,500**	**$6,100**		
Importance Code A	$1,100	$5,900		
Importance Code B	$400	$200		
Total	**$1,500**	**$6,100**		

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 GUARD HOUSE
Asset # : 174

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Window Wall	100%			2047	* *	5	$11,800	
Roof								
Roll Roofing	100%			2026	$5,900	5	$2,300	
Interior								
Floors								
Ceramic Tile	100%			2036	* *	5	$700	
Ceilings								
Fiber Board	100%			2032	* *			

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								
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	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Alarm								
Security System								
Generic	100%			2035	* *	1		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : CCTV Surveillance Cameras								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2047	* *	1		
Conversion Equipment								
Radiant Heater	100%			2027	$1,700	2		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Office								
Explanation : 1 Unit								
Air Conditioning								

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

DEPARTMENT OF TRANSPORTATION - 841
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								
Energy Source								
Electricity	100%			2043	* *	1		
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$1,672,300	$58,400
Interior Architecture	$124,800	
Electrical	$59,200	
Mechanical		$936,600
Total	**$1,856,300**	**$995,000**
Importance Code A	$1,672,300	$206,900
Importance Code B	$184,000	$788,200
Total	**$1,856,300**	**$995,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$34,400	$10,700	$2,100	
Interior Architecture	$56,600	$21,200		$900
Electrical	$4,700		$300	
Mechanical	$6,200	$26,000	$4,800	$5,600
Total	**$101,900**	**$57,900**	**$7,100**	**$6,500**
Importance Code A	$37,600	$13,900	$5,400	$3,200
Importance Code B	$16,600	$44,000	$1,700	$3,400
Importance Code C	$47,700			
Total	**$101,900**	**$57,900**	**$7,100**	**$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
ARTERIAL AND FLEET SERVICES MAIN GARAGE
Asset # : 2412

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$551,100	LIFE	* *	5	$58,400	1
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : North Facade, South Facade								
Horizontal Cracks, Extent : Moderate, Area Affected : 15%								
Location : North Facade, South Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : South Facade								
Rusting Masonry Supt, Extent : Severe, Area Affected : 50%								
Location : Above Overhead Doors								
Metal Coiling Doors	10%			2032	* *	5	$21,500	
Pre-Cast Concrete	5%	Now	$23,700	LIFE	* *	5	$11,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Window Sills								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Building Base								
Windows								
Aluminum	25%			2043	* *	5	$4,100	
Glass Block	75%			LIFE	* *	5	$7,700	
Parapets								
Masonry: Brick	95%	Now	$495,100	LIFE	* *	5	$27,400	
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : East Facade								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : North Facade, South Facade								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Interior Face								
Pre-Cast Concrete	5%	Now	$10,800	LIFE	* *	5	$9,100	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Coping								
Open Joints, Extent : Moderate, Area Affected : 50%								
Location : Coping								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Roof								
Asphalt Shingle	65%	Now	$124,600	2036	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : At Ridge								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Garage Area								
Modified Bitumen	30%	Now	$227,000	2032	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Over Garage Area At Highway Columns								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Garage Area								
Skylight, Metal/Glass	5%	Now	$274,500	2047	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Over Garage Area								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Garage Area								
Interior								
Floors								
Asphalt Macadam	90%			2047	* *	5	$42,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Throughout								
Ceramic Tile	2%			2036	* *	5	$1,900	
Vinyl Tile	8%	Now	$66,800	2037	* *	3	$2,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Office Areas								
Cracking/Crumbling, Extent : Moderate, Area Affected : 50%								
Location : Office Areas								
Interior Walls								
Cast in Place Concrete	5%	Now	$15,300	LIFE	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Espreway Columns								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Expreway Columns								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Garage								
Explanation : Various Expreway Columns Run Through The Garage Area								
Concrete Masonry Unit	30%	Now	$32,300	LIFE	* *	5	$2,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Wall Dividing Garage Areas								
Horizontal Cracks, Extent : Severe, Area Affected : 25%								
Location : Wall Dividing Garage Areas								
Masonry: Brick	65%			LIFE	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$7,900	2032	* *	5	$2,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Toilets								
Exposed Struc: Steel	20%			LIFE	* *			
Exposed Struc: Wood	60%			LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Garage Area								
Plaster	15%	Now	$58,000	LIFE	* *	5	$8,800	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : East And North Areas Of Garage								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : East And North Areas Of Garage								
Water Penetration, Extent : Severe, Area Affected : 20%								
Location : Garage								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2000 Amperes								
Switchgear / Switchboard								
Fused Disc Sw	100%			2053	* *	5	$300	
Raceway								
Conduit	20%			2053	* *	1		
Conduit	80%			2027	$7,800	1		
Panelboards								
Molded Case Bkrs	50%			2035	* *	5	$900	
Molded Case Bkrs	50%			2026	$15,600	5	$900	
Wiring								
Braided Cloth	20%	2-4	$4,300	2052	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	80%			2037	* *	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%			2032	* *	10	$59,200	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								

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

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Egress Lighting								
Emergency, Battery	5%			2035	* *	10	$800	
Exit, Service	5%			2035	* *	1		
No Component	90%							
Exterior Lighting								
HID	20%			2035	* *	10		
No Component	80%							

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%			2037	* *	1		
Conversion Equipment								
Furnace	100%			2027	$148,400	1	$31,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : 50 Direct Fired Unit Heaters								
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2022	$13,100	1		
No Component	90%							
Ventilation								
Exhaust Fans								
Wall Unit	100%			2027	$22,400	2	$2,000	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2027	$469,900	1		
Water Heater								
Electric	100%			2025	$55,500	4	$600	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								
Standpipe								
Generic	100%			2027	$262,700	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$375,100	
Interior Architecture	$225,600	
Electrical	$6,800	$126,300
Total	**$607,500**	**$126,300**
Importance Code A	$375,100	
Importance Code B	$174,000	$126,300
Importance Code C	$58,400	
Total	**$607,500**	**$126,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$22,900	$2,900	$1,400	
Interior Architecture	$9,400	$4,300	$15,200	$1,600
Electrical	$9,800	$10,200		
Mechanical	$700	$14,600	$600	$600
Total	**$42,700**	**$32,100**	**$17,300**	**$2,300**
Importance Code A	$23,400	$3,500	$2,000	$600
Importance Code B	$19,200	$28,500	$15,300	$1,700
Importance Code C				
Total	**$42,700**	**$32,100**	**$17,300**	**$2,300**

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

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								
Masonry: Brick	75%	Now	$152,600	LIFE	* *	5	$16,200	1
Horizontal Cracks, Extent : Severe, Area Affected : 25%								
Location : West Facade, East Facade								
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : West Facade, East Facade								
Misaligned/Bulging, Extent : Severe, Area Affected : 20%								
Location : North Facade								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 10%								
Location : West Facade								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Masonry: Granite	5%	Now	$13,300	LIFE	* *	5	$800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Bases Of Piers Along South Facade								
Metal Coiling Doors	5%			2040	* *	5	$3,400	
Pre-Cast Concrete	5%	Now	$3,700	LIFE	* *	5	$3,500	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : North Facade, Widow Sills								
Stucco Cement	10%			2032	* *	5	$5,400	
Windows								
Aluminum	50%			2043	* *	5	$2,800	
Glass Block	40%			LIFE	* *	5	$1,400	
Glass Block	10%	Now	$5,900	LIFE	* *	5	$400	
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : West Facade								
Parapets								
Masonry: Brick	95%	Now	$44,200	LIFE	* *	5	$2,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Panel	5%			2047	* *	5	$500	
Roof								
Modified Bitumen	95%	Now	$95,900	2032	* *			
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%								
Location : Over Second Floor								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Over Second Floor								
Skylight, Metal/Glass	5%	Now	$82,400	2037	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Over Mens Locker Room								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Over Mens Locker Room								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
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DEPARTMENT OF TRANSPORTATION - 841
ARTERIAL AND FLEET SERVICES OFFICE AND STOREHOUSE
Asset # : 2406

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Carpet	5%			2023	$14,300	3	$1,600	
Cast in Place Concrete	40%			LIFE	* *	5	$18,800	
Ceramic Tile	5%			2036	* *	5	$1,100	
Vinyl Tile	15%			2035	* *	3	$1,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Offices On First Floor								
Vinyl Tile 9" X 9"	25%			2022	$61,700	3	$2,000	
Wood	10%			2042	* *	5	$4,000	
Interior Walls								
Gypsum Board	15%			LIFE	* *	5	$1,000	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : First Floor Offices								
Masonry: Brick	45%	Now	$58,400	LIFE	* *			
Diagonal Cracks, Extent : Severe, Area Affected : 25%								
Location : Storage Space								
Vertical Cracks, Extent : Severe, Area Affected : 25%								
Location : Storage Space								
Plaster	20%			LIFE	* *	5	$600	
Plywood/Hardboard	10%			LIFE	* *			
SGFT/Glazed Masonry	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	15%			2032	* *	5	$3,200	
AcousTileSusp.Lay-In	15%			2044	* *	5	$3,200	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : First Floor Offices								
Exposed Concrete	20%			LIFE	* *	5	$700	
Exposed Struc: Wood	25%	Now	$105,500	LIFE	* *			
Split/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Storage Area								
Staining/Discoloring, Extent : Moderate, Area Affected : 25%								
Location : Over Storage Area								
Gypsum Board	10%			LIFE	* *	5	$2,700	
Plaster	15%	Now	$8,800	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Mens Locker Room								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Mens Locker Room								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2027	$101,900	5	$300	

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

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								
Raceway								
Conduit	60%			2027	$17,400	1		
Conduit	40%			2053	* *	1		
Panelboards								
Molded Case Bkrs	50%			2035	* *	5	$200	
Molded Case Bkrs	20%			2026	$6,200	5	$100	
Molded Case Bkrs	30%			2049	* *	5	$100	
Wiring								
Braided Cloth	20%	2-4	$9,700	2052	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	50%			2027	$24,400	1		
Thermoplastic	30%			2053	* *	1		
Lighting								
Interior Lighting								
Fluorescent	10%			2022	$6,800	10	$1,000	
T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Fluorescent	80%			2035	* *	10	$8,400	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2035	* *	10	$1,000	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Storage								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$1,400	
Exit, Service	50%			2035	* *	1		
Exterior Lighting								
HID	20%			2022	$9,000	10		
No Component	80%							

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%			2037	* *	1		
Conversion Equipment								
Furnace	80%			2027	$21,000	1	$4,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : 30 Direct Fired Unit Heaters								
Hot Water Boiler	20%			2047	* *	1	$1,100	

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

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								
Terminal Devices								
Convector/Radiator	20%			2040	* *	1	$700	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Window/Wall Unit	60%			2022	$14,000	1		
No Component	40%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2037	* *	1		
Water Heater								
Electric	100%			2025	$9,800	4	$100	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							

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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **ARTERIAL AND FLEET SERVICES STORAGE 1**
Address : **32-11 HARPER STREET**
Borough : **QUEENS**
Program / Asset # : **DOT0092.040 / 2407**
Area Sq Ft : **1,758**
Date of Survey : **14-Sep-2015**
Areas Surveyed : **Roof, Floors 1**
Block : **1790** **Lot** : **1**

Agency's Number : **N/A**
Yr Built/Renovated : **1937 / 1997**
Project Type : **HIGHWAYS**
Landmark Status : **NONE**
BIN : **4444576**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$91,000	
Total	**$91,000**	
Importance Code A	$91,000	
Total	**$91,000**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$44,400	$9,800		
Interior Architecture		$10,200		
Electrical	$10,500	$2,100		
Mechanical	$100	$800	$100	$100
Total	**$55,000**	**$23,000**	**$100**	**$100**
Importance Code A	$44,500	$9,900	$100	$100
Importance Code B	$10,500	$13,100		
Total	**$55,000**	**$23,000**	**$100**	**$100**

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	$91,000	LIFE	* *	5	$9,600	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Corners								
Diagonal Cracks, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
Location : East Facade, West Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Metal Coiling Doors	10%			2032	* *	5	$3,500	
Pre-Cast Concrete	5%	Now	$3,900	LIFE	* *	5	$1,800	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : At Window Sills, Building Base								
Windows								
Glass Block	100%			LIFE	* *	5	$2,600	
Parapets								
Masonry: Brick	95%	Now	$27,800	LIFE	* *	5	$1,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 15%								
Location : At Corners								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Metal Panel	5%			2047	* *	5	$300	
Roof								
Modified Bitumen	95%			2032	* *	10	$7,900	
Skylight, Metal/Glass	5%	Now	$12,700	2037	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Main Roof								
Interior								
Floors								
Cast in Place Concrete	80%			LIFE	* *	5	$7,700	
Vinyl Tile 9" X 9"	20%			2022	$10,100	3	$300	
Interior Walls								
Masonry: Brick	100%			LIFE	* *			
Ceilings								
Exposed Struc: Wood	100%			LIFE	* *			

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								
Raceway								
Conduit	100%			2027	$3,900	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
ARTERIAL AND FLEET SERVICES STORAGE 1
Asset # : 2407

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	20%			2035	* *	5		
Fused Toggle Switch	80%	2-4	$6,200	2052	* *	5		
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Receiving Office Room								
Wiring								
Braided Cloth	50%	2-4	$4,300	2052	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Thermoplastic	50%			2037	* *	1		
Lighting								
Interior Lighting								
Fluorescent	95%			2027	$3,800	10	$1,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Using T-12 Lamps								
HID	5%			2022	$700	10		
Exterior Lighting								
HID	20%			2022	$1,400	10		
No Component	80%							

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%			2037	* *	1		
Conversion Equipment								
Furnace	100%			2027	$4,000	1	$900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Various Locations								
Explanation : 2 Direct Fired Unit Heaters								
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2022	$700	1		
No Component	80%							
Ventilation								
Exhaust Fans								
Wall Unit	100%			2027	$600	2	$100	
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		

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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **14-May-2018**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4**				
Block	: **6036**	**Lot**	: **1**	**BIN**	: **3153196**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$369,900	$56,100
Interior Architecture	$613,800	$119,200
Electrical	$756,600	$118,400
Total	**$1,740,400**	**$293,800**
Importance Code A	$369,900	$56,100
Importance Code B	$1,370,500	$237,700
Total	**$1,740,400**	**$293,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$102,400	$6,300		$15,000
Interior Architecture	$38,700		$1,300	$500
Electrical		$2,000	$2,800	$3,400
Mechanical	$300	$3,300		$14,300
Site Pavements	$25,500			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$174,800**	**$19,500**	**$12,000**	**$41,000**
Importance Code A	$102,700	$6,300		$15,200
Importance Code B	$47,500	$13,200	$11,900	$25,800
Importance Code C	$24,600		$100	
Total	**$174,800**	**$19,500**	**$12,000**	**$41,000**

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DEPARTMENT OF TRANSPORTATION - 841
BAYRIDGE GARAGE
Asset # : 14316

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	35%	Now	$33,000	LIFE	* *	5	$56,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Adjacent To Main Entrance To The Garage And Other Areas Throughout								
Concrete Masonry Unit	10%	Now	$27,500	LIFE	* *	5	$2,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : East Elevation								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : East Facade								
Masonry: Brick	16%	Now	$16,100	LIFE	* *	5	$5,100	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Masonry: Granite	2%	Now	$1,600	LIFE	* *	5	$500	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	15%			2039	* *	5-10	$33,100	
Metal Coiling Doors	2%	0-2	$11,400	2042	* *	5	$1,000	
Deformed/Dented, Extent : Moderate, Area Affected : 25%								
Location : Right Garage Door								
Pre-Cast Concrete	10%	Now	$11,000	LIFE	* *	5	$10,400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Window Wall	10%			2049	* *	5	$12,000	
Other Observation, Extent : Light, Area Affected : 50%								
Location : West And South Sides								
Explanation : Sections Of The First Floor Are Occupied By A School, Bank And Stores								
Windows								
Metal Louvers	100%			2038	* *	10	$12,100	
Parapets								
Cast in Place Concrete	50%			LIFE	* *	5	$14,900	
Concrete Masonry Unit	15%			LIFE	* *	5	$500	
Metal Rail	20%			2042	* *	5-10	$10,400	
Metal: Cage/Fence	15%	4+	$1,800	2034	* *	5	$1,400	
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : East Facade								
Roof								
Traffic Topping	95%	Now	$369,900	2039	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 10%								
Location : Bulkhead								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Top Parking Level								
Not Accessible	5%							
Soffits								
Cast in Place Concrete	100%			LIFE	* *	5		

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DEPARTMENT OF TRANSPORTATION - 841
BAYRIDGE GARAGE
Asset # : 14316

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	25%	Now	$65,700	LIFE	* *	5	$66,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Near Basement Entrance, Main Drive And Entrance								
Ceramic Tile	2%			2038	* *	5	$2,400	
Traffic Topping	70%	Now	$548,200	2034	* *	5	$53,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : All Parking Levels								
Worn/Eroded, Extent : Moderate, Area Affected : 25%								
Location : All Parking Levels								
Vinyl Tile	3%	0-2	$32,200	2039	* *	3	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Office								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Office								
Interior Walls								
Cast in Place Concrete	70%			LIFE	* *			
Ceramic Tile	2%			2038	* *	5	$200	
Concrete Masonry Unit	20%	Now	$2,700	LIFE	* *	5	$900	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	8%	Now	$3,800	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	$18,900	
Site Enclosure								
Fence/Gates								
Chain Link	90%			2049	* *			
Iron Picket	10%			2064	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	98%	Now	$7,300	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 50%								
Location : Throughout								
Pavers/Stone	2%	Now	$100	2038	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%	Now	$18,100	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 100%								
Location : East Side Of Building								
Parking/Driveway								
Cast in Place Concrete	100%			2042	* *			

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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
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2029	$2,600	5	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : The Main Service Switch Rated At 800 Amperes, It Is Old But It Is In Satisfactory Condition.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	$50,900	5	$2,300	
Raceway								
Conduit	100%			2029	$9,800	1		
Panelboards								
Fused Disc Sw	20%			2028	$6,200	5	$400	
Molded Case Bkrs	80%			2028	$24,900	5	$1,900	
Wiring								
Thermoplastic	100%			2029	$21,300	1		
Motor Controllers								
Locally Mounted	100%			2027	$67,500	5	$600	
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	100%	Now	$184,700	2039	* *			
Obsolete Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout Building								
Exterior Lighting								
Fluorescent	50%	0-2	$148,600	2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside The Building								
Explanation : The Exterior Lighting Fixtures Are Old Compact Fluorescent Fixtures Which Are In A State Of Disrepair.								
HID	50%	0-2	$175,100	2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Exterior								
Explanation : These HID Fixtures Obsolete.								
Alarm								
Security System								
No Component	80%							
Generic	20%	0-2	$56,100	2039	* *	1	$6,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : 1st And 2nd Levels								
Explanation : The CCTV Surveillance Camera System Is Functional, But It Is Old And Antiquated.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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
Alarm								
Fire/Smoke Detection								
No Component	80%							
Generic, Analog	20%	0-2	$192,100	2039	* *	1-3	$10,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Fire Alarm System Is Old And Antiquated.								

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%			2039	* *	1		
Conversion Equipment								
Radiant Heater	2%	0-2	$300	2039	* *	2		
Damaged, Extent : Severe, Area Affected : 3%								
Location : Restroom								
Radiant Heater	2%			2029	$300	2		
Other Observation, Extent : Light, Area Affected : 2%								
Location : 1st Floor Office								
Explanation : Electric Unit Heater								
No Component	96%							
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Window/Wall Unit	2%			2022	$3,300	1		
No Component	98%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2039	* *	1		
No Component	95%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2024	$13,200	4	$1,900	
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Level 1 - Roof								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2039	* *	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.*

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
Fire Suppression								
Sprinkler								
No Component	98%							
Generic	2%			2039	* *	1-2		

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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.*

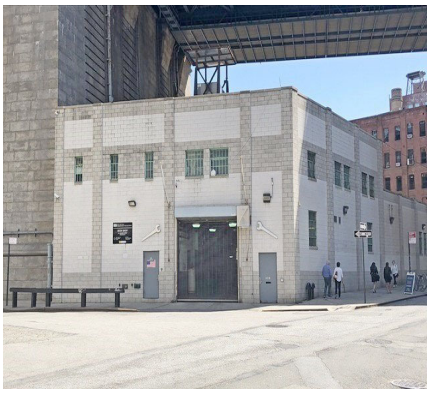
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **12-Jun-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **39** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$671,400	
Interior Architecture	$223,800	$51,300
Electrical		$120,500
Total	**$895,300**	**$171,800**
Importance Code A	$671,400	
Importance Code B	$146,700	$171,800
Importance Code C	$77,100	
Total	**$895,300**	**$171,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$12,800	$2,600		
Interior Architecture	$11,600		$1,500	$200
Electrical	$1,600	$2,200	$1,600	$35,700
Mechanical	$1,500	$2,400	$8,500	$4,300
Site Pavements	$8,500			
Total	**$36,000**	**$7,200**	**$11,600**	**$40,200**
Importance Code A	$13,200	$3,800	$400	$1,200
Importance Code B	$22,800	$3,300	$10,300	$39,000
Importance Code C			$900	
Total	**$36,000**	**$7,200**	**$11,600**	**$40,200**



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
BRIDGES IRON SHOP
Asset # : 14714

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	95%	Now	$135,900	LIFE	* *	5	$19,800	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Expansion Jnt Failure, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Sect. OHD	5%			2042	* *	5	$5,200	
Windows								
Steel	100%	2-4	$74,000	2054	* *	5	$8,500	
Air Infiltration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$4,500	LIFE	* *	5	$2,600	1
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Concrete Masonry Unit	90%	Now	$8,300	LIFE	* *	5	$3,400	1
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Roof								
Plaza Roof: Stone Panels	100%	Now	$461,500	2039	* *			
Miss/Damaged Flashings, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Explanation : Bulging And Displaced								
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	$51,300	
Ceramic Tile	5%			2038	* *	5	$1,300	
Vinyl Tile	5%	Now	$11,600	2039	* *	3	$500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, 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
BRIDGES IRON SHOP
Asset # : 14714

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
Interior								
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$1,800	
Concrete Masonry Unit	95%	0-2	$77,100	LIFE	* *	5	$13,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	70%	0-2	$146,700	2049	* *	5	$8,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Worn/Eroded, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Exposed Struc: Steel	30%			LIFE	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$8,500	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 50%								
Location : Throughout								
On-Site Walkways								
Cast in Place Concrete	100%			2042	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2042	* *			

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								
Service Equipment								
Fused Disc Sw	100%			2055	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Ampere Main Disconnect Switch. Installed Approximately Two Years Ago.								
Transformers								
Dry Type	50%			2046	* *	5		
Dry Type	50%			2042	* *	5		
Switchgear / Switchboard								
Fused Disc Sw	100%			2039	* *	5	$100	
Raceway								
Conduit	100%			2039	* *	1		
Panelboards								
Fused Disc Sw	20%			2037	* *	5	$100	
Molded Case Bkrs	80%			2037	* *	5	$400	
Wiring								
Thermoplastic	100%			2039	* *	1		

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*** 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								
Motor Controllers								
Locally Mounted	80%			2034	* *	5	$100	
Locally Mounted	20%			2042	* *	5		
Lighting								
Interior Lighting								
Fluorescent	60%			2024	$23,800	10	$9,600	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 60%								
Location : Throughout The Building								
Fluorescent	5%			2029	$2,000	10	$800	
Compact Fluorescent Light, Extent : Light, Area Affected : 5%								
Location : First Floor								
HID	35%			2029	$51,900	10	$200	
Egress Lighting								
Emergency, Battery	50%			2029	$12,200	10	$2,100	
Exit, Battery	50%			2034	* *	10	$600	
Exterior Lighting								
HID	100%			2029	$68,600	10	$100	
Alarm								
Security System								
Generic	50%			2034	* *	1	$3,300	
Other Observation, Extent : Light, Area Affected : 50%								
Location : At Doors								
Explanation : Intrusion Alarm System								
Generic	50%			2034	* *	1	$3,300	
Other Observation, Extent : Light, Area Affected : 50%								
Location : At Doors								
Explanation : CCTV Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *	1-3	$10,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Horns, Strobes And Smoke Detectors								

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%			2049	* *	1		
Conversion Equipment								
Furnace	50%			2034	* *	1	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Units								
Radiant Heater	50%			2034	* *	2	$4,000	

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

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							
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2-5	$9,700	
Air Conditioning							
Energy Source							
Electricity	100%		2045	* *	1		
Conversion Equipment							
Ext Pkg Unit - Heating/Cooling	30%		2034	* *	2	$300	
	R-22 Refrigerant, Extent : Light, Area Affected : 50%						
	Location : Roof						
	Other Observation, Extent : Light, Area Affected : 100%						
	Location : Roof						
	Explanation : 2 Units						
Split Unit	10%		2034	* *			
No Component	60%						
Distribution							
Ductwork/Diffusers	100%		LIFE	* *	2	$22,700	
Ventilation							
Exhaust Fans							
Roof	40%		2034	* *	2	$200	
Wall Unit	60%		2034	* *	2	$300	
Plumbing							
H/C Water Piping							
Brass/Copper	100%		2049	* *	1		
Water Heater							
Gas Fired	100%		2027	$10,400	2	$300	
	Other Observation, Extent : Light, Area Affected : 100%						
	Location : 1st Floor						
	Explanation : 200 Gallons						
Sanitary Piping							
Cast Iron	100%		LIFE	* *	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	* *	1		
Fixtures							
Generic	100%						
Fire Suppression							
Standpipe							
Generic	100%		2049	* *	1-5	$8,800	
Sprinkler							
Generic	100%		2049	* *	1-2	$4,900	

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **17-Jul-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,2**		
Block	: **4074** **Lot** : **1**	**BIN**	: **2044091**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$96,700	$81,600
Interior Architecture		$196,500
Electrical	$319,900	$260,500
Mechanical	$675,700	$199,900
Total	**$1,092,200**	**$738,500**
Importance Code A	$96,700	$81,600
Importance Code B	$995,500	$657,000
Total	**$1,092,200**	**$738,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture				
Interior Architecture	$60,700	$6,700	$5,700	
Electrical	$31,200	$2,300	$2,500	$3,200
Mechanical	$11,200	$2,600	$13,900	$54,800
Site Enclosure	$400			
Site Pavements	$14,500			
Total	**$118,000**	**$11,500**	**$22,100**	**$58,100**
Importance Code A	$1,500	$1,500	$1,500	$1,500
Importance Code B	$62,600	$10,100	$18,800	$56,500
Importance Code C	$53,900		$1,800	
Total	**$118,000**	**$11,500**	**$22,100**	**$58,100**

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
BRONX COMMISSIONER OFFICE
Asset # : 14713

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								
Masonry: Brick	88%			LIFE	* *	5	$40,200	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Throughout								
Masonry: Limestone	5%			LIFE	* *	5	$1,700	
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Window Sills								
Metal, Corrugated	2%			2039	* *	1		
Granite Panels	5%			LIFE	* *	5	$1,700	
Windows								
Wood	100%	Now	$96,700	2037	* *	5	$41,300	
Air Infiltration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	60%			LIFE	* *	5	$5,200	
Recent Repair Evident, Extent : Light, Area Affected : 50%								
Location : Main Roof								
Masonry: Limestone	40%			LIFE	* *	5	$4,400	
Recent Replace Evident, Extent : Light, Area Affected : 40%								
Location : Cornice								
Roof								
Modified Bitumen	100%			2037	* *	10	$25,400	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Main Roof								
Interior								
Floors								
Carpet	30%			2028	$177,000	3	$20,000	
Recent Replace Evident, Extent : Light, Area Affected : 75%								
Location : Second Floor Offices								
Cast in Place Concrete	5%			LIFE	* *	5	$4,900	
Ceramic Tile	5%			2038	* *	5	$2,200	
Marble Panels	5%			LIFE	* *	5	$1,700	
Terrazzo	5%			LIFE	* *	5	$1,700	
Vinyl Tile	50%			2029	$196,500	3	$8,300	

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
BRONX COMMISSIONER OFFICE
Asset # : 14713

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
Interior								
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$3,600	
Concrete Masonry Unit	5%			LIFE	* *	5	$1,400	
Gypsum Board	60%	Now	$3,800	LIFE	* *	5	$26,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Basement By Water Utility Entrance								
Masonry: Brick	10%	Now	$29,400	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Marble Panels	5%			LIFE	* *			
Plaster	15%	Now	$9,100	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Stair Bulkhead								
Ceilings								
AcousTileSusp.Lay-In	80%	Now	$14,200	2042	* *	5	$16,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Basement								
Exposed Concrete	5%			LIFE	* *	5	$300	
Plaster	15%	Now	$4,300	LIFE	* *	5	$3,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Stair Bulkhead At Roof								
Site Enclosure								
Fence/Gates								
Chain Link	55%			2039	* *			
Iron Picket	10%			2049	* *			
Masonry: Fieldstone	35%	Now	$400	2039	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Rear Parking Area								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%								
Location : Rear Parking Area								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$3,200	2034	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Sidewalk Next To Parking Entry								
Sinking/Subsiding, Extent : Moderate, Area Affected : 5%								
Location : Sidewalk Next To Parking Entry								
On-Site Walkways								
Cast in Place Concrete	90%			2034	* *			
Pavers/Stone	10%			2032	* *			

Note : 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
BRONX COMMISSIONER OFFICE
Asset # : 14713

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
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%	Now	$11,300	2034	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Parking Area								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Parking Area								

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								
Service Equipment								
Fused Disc Sw	100%			2029	$8,700	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	$127,400	5	$800	
Raceway								
Conduit	90%			2029	$55,600	1		
Conduit	10%			2049	* *	1		
Panelboards								
Fused Disc Sw	5%			2028	$3,100	5		
Molded Case Bkrs	70%			2028	$43,600	5	$500	
Molded Case Bkrs	25%			2045	* *	5	$200	
Wiring								
Braided Cloth	30%	2-4	$25,400	2054	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	40%			2029	$33,900	1		
Thermoplastic	30%			2049	* *	1		
Motor Controllers								
Locally Mounted	90%			2027	$27,700	5	$200	
Locally Mounted	10%	2-4	$3,100	2049	* *	5		
Corroded, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Alarm								
Security System								
No Component	50%							
Generic	50%			2034	* *	1	$5,500	
Fire/Smoke Detection								
Generic, Analog	100%			2024	$319,900	1-3	$18,800	

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
BRONX COMMISSIONER OFFICE
Asset # : 14713

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%			2049	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2034	* *	1	$14,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%			2028	$45,100	4	$1,500	
Terminal Devices								
Convector/Radiator	100%			2027	$154,900	1	$9,600	
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	50%	Now	$540,800	2034	* *	2	$700	
Broken, Extent : Severe, Area Affected : 50%								
Location : 1st Floor Mechanical Room								
Exterior Pkg Unit - Cooling	40%	Now	$93,700	2039	* *	2	$600	
Broken, Extent : Severe, Area Affected : 50%								
Location : Roof Above Stairs								
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Roof, Top Of Staircase								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Roof, Top Of Staircase								
Explanation : On Extended Life								
Split Unit	5%			2024	$30,900			
Window/Wall Unit	5%			2024	$3,000	1		
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$38,500	
Heat Rejection								
Air Cooled Condenser Unit	15%	0-2	$8,700	2039	* *	2	$2,500	
Abandoned in Place, Extent : Moderate, Area Affected : 30%								
Location : Roof								
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Roof, Top Of Staircase								
Explanation : Obsolete Unit								
No Component	85%							
Ventilation								
Distribution								
Ductwork/Diffusers	40%			LIFE	* *	2-5	$6,600	
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.
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*** 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	40%			2024	$41,200	2	$400	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2039	* *	1		
Water Heater								
Gas Fired	100%			2024	$17,600	2	$400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 75 Gallons								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **29-May-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2**		
Block	: **215** **Lot** : **100**	**BIN**	: **5104536**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$737,100	$171,400
Interior Architecture	$135,700	$95,800
Mechanical		$911,900
Total	**$872,800**	**$1,179,100**
Importance Code A	$737,100	$227,500
Importance Code B	$94,900	$951,600
Importance Code C	$40,800	
Total	**$872,800**	**$1,179,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$21,000			$300
Interior Architecture	$21,500	$1,800	$600	
Electrical	$200	$200	$500	$18,000
Mechanical	$13,500	$2,400	$3,700	$9,000
Site Enclosure	$500			
Total	**$56,700**	**$4,300**	**$4,800**	**$27,200**
Importance Code A	$32,600	$1,600	$1,600	$1,900
Importance Code B	$16,900	$2,700	$2,600	$25,300
Importance Code C	$7,200		$600	
Total	**$56,700**	**$4,300**	**$4,800**	**$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
CASTLETON DEPOT
Asset # : 14718

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								
Cement-Fiber Panel	76%	Now	$51,400	2029	$171,400			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Cement-Fiber Panel	4%			2039	* *	10	$3,800	
Metal Sect. OHD	20%	Now	$19,900	2042	* *	5	$9,500	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Unit Inoperable, Extent : Moderate, Area Affected : 100%								
Location : South West Door								
Windows								
Aluminum	100%			2054	* *	5	$500	
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$1,100	LIFE	* *	5	$3,300	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	90%			LIFE	* *	5	$3,900	
Roof								
Single Ply Membrane	100%	Now	$685,600	2039	* *			
Blisters, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Drains Clogged, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Gravel/Stone Ballast, Extent : Light, Area Affected : 50%								
Location : Throughout								
Mechanically Attached, Extent : Light, Area Affected : 50%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Seams Open/Split, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : Lower Roof								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	90%	0-2	$94,900	LIFE	* *	5	$95,800	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	3%			2032	* *	5	$1,500	
Quarry Tile	2%			2042	* *	5	$1,500	
Vinyl Tile	5%			2034	* *	3	$900	

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DEPARTMENT OF TRANSPORTATION - 841
CASTLETON DEPOT
Asset # : 14718

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
Interior								
Interior Walls								
Ceramic Tile	5%			2038	* *	5	$1,200	
Concrete Masonry Unit	75%	Now	$40,800	LIFE	* *	5	$7,000	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Masonry: Brick	15%	Now	$7,200	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Plaster	5%			LIFE	* *	5	$400	
Ceilings								
AcousTileSusp.Lay-In	5%	Now	$2,100	2042	* *	5	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Exposed Concrete	15%	Now	$12,200	LIFE	* *	5	$1,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Throughout South Garage								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Throughout South Garage								
Exposed Struc: Steel	80%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Chain Link	100%			2049	* *			
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Throughout								
Free Standing Walls								
Concrete Masonry Unit	100%			2049	* *			
Retaining Walls								
Cast in Place Concrete	100%	Now	$500	2049	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

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DEPARTMENT OF TRANSPORTATION - 841
CASTLETON DEPOT
Asset # : 14718

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
Site Pavements								
Parking/Driveway								
Asphalt	80%			2032	* *			
Cast in Place Concrete	20%			2042	* *			

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								
Service Equipment								
Fused Disc Sw	100%			2029	$1,500	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room - Shop Area								
Explanation : One 800 And One 600 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	50%			2029	$12,700	5	$100	
Molded Case Bkrs	50%			2029	$12,700	5	$400	
Raceway								
Conduit	100%			2039	* *	1		
Panelboards								
Fused Disc Sw	5%			2028	$800	5		
Molded Case Bkrs	85%			2028	$13,200	5	$700	
Molded Case Bkrs	10%			2051	* *	5	$100	
Wiring								
Thermoplastic	95%			2029	$8,100	1		
Thermoplastic	5%			2055	* *	1		
Motor Controllers								
Locally Mounted	100%			2027	$30,000	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Lighting								
Interior Lighting								
LED	100%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2039	* *	10	$3,900	
Exit, LED	50%			2069	* *	1		
Exterior Lighting								
LED	100%			2039	* *			
Alarm								
Fire/Smoke Detection								
No Component	95%							
Generic, Analog	5%			2024	$17,500	1-3	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside The Building								
Explanation : Only In Gas Pump Station								

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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
CASTLETON DEPOT
Asset # : 14718

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%			2039	* *	1		
Conversion Equipment								
Furnace	75%	0-2	$11,200	2029	$56,000	1	$10,800	
Malfunctioning, Extent : Severe, Area Affected : 75%								
Location : Two Out Of Twelve Units Not Working On The First Floor								
Hot Water Boiler	25%			2034	* *	1	$4,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Room 203								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	25%			2037	* *	4	$600	
No Component	75%							
Terminal Devices								
Fan Coil Unit/Heat	15%			2029	$71,300	1	$1,600	
Unit Heater - Steam	10%			2029	$11,300	4	$400	
No Component	75%							
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	20%			2027	$237,300	2	$400	
R-22 Refrigerant, Extent : Light, Area Affected : 20%								
Location : Room 202								
Window/Wall Unit	10%			2024	$6,600	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$3,600	
No Component	80%							
Exhaust Fans								
Interior	20%			2029	$22,600	2	$200	
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2029	$236,500	1		
Water Heater								
Gas Fired	100%			2027	$19,400	2	$500	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Fire Suppression								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
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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	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								
Generic	100%			2029	$310,700	1-2	$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.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **COURT SQUARE-GARAGE**
Address : **COURT SQUARE AND THOMSON AVE**
Borough : **QUEENS**
Program / Asset # : **DOT0123.000 / 2422**
Area Sq Ft : **241,855**
Date of Survey : **06-Dec-2017**
Areas Surveyed : **Basement, Roof, Floors 1**
Block : **83** **Lot** : **18**

Agency's Number : **N/A**
Yr Built/Renovated : **1989 /**
Project Type : **HIGHWAYS**
Landmark Status : **NONE**
BIN : **4000699**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$62,400	$441,900
Interior Architecture	$129,800	$792,300
Electrical		$3,472,400
Mechanical	$31,600	$1,603,800
Total	**$223,800**	**$6,310,400**
Importance Code A	$62,400	$567,500
Importance Code B	$161,400	$5,707,700
Importance Code C		$35,300
Total	**$223,800**	**$6,310,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$16,300	$12,900		$6,600
Interior Architecture	$11,900	$4,700		$800
Electrical	$1,800	$5,000	$1,800	$3,700
Mechanical	$17,800	$9,800	$12,200	$15,500
Site Enclosure	$5,900			
Site Pavements	$3,700			
Elevators/Escalators	$7,900	$7,900	$7,900	$7,900
Total	**$65,200**	**$40,300**	**$21,900**	**$34,500**
Importance Code A	$17,000	$12,900	$700	$7,100
Importance Code B	$42,400	$27,400	$21,200	$27,400
Importance Code C	$5,900			
Total	**$65,200**	**$40,300**	**$21,900**	**$34,500**

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
COURT SQUARE-GARAGE
Asset # : 2422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	45%	4+	$62,400	LIFE	* *	5	$265,200	
Spalling, Extent : Light, Area Affected : 5%								
Location : Southwest Facade								
Cast in Place Concrete	30%			LIFE	* *	5	$176,800	
Concrete Masonry Unit	2%	Now	$2,000	LIFE	* *	5	$1,500	
Diagonal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Stair B And F Roof Bulkheads								
Masonry: Brick	15%	4+	$11,100	LIFE	* *	5	$17,700	
Diagonal Cracks, Extent : Moderate, Area Affected : 1%								
Location : Southeast Corner By Stair Exit Door								
Metal: Cage/Fence	5%			2042	* *	5	$25,800	
Window Wall	3%			2049	* *	5	$13,300	
Windows								
Aluminum	100%			2045	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof Level								
Explanation : Stair Tower Windows								
Parapets								
Cast in Place Concrete	95%	4+	$2,600	LIFE	* *	5	$20,300	
Diagonal Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Rail	5%	4+	$100	2042	* *	5	$700	
Corrosion/Rusting, Extent : Light, Area Affected : 10%								
Location : Rail Supports								
Roof								
Cast in Place Concrete	95%	Now	$500	LIFE	* *			
Expansion Jnt Failure, Extent : Severe, Area Affected : 5%								
Location : All Stair Locations, Building Corners								
Copper/Terne	5%			2057	* *	10	$500	
Interior								
Floors								
Cast in Place Concrete	97%	Now	$70,400	LIFE	* *	5	$710,600	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : West Car Entry Area								
Ceramic Tile	1%			2032	* *	5	$3,400	
Vinyl Tile	2%	2-4	$11,900	2024	$59,400	3	$2,500	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Office								
Interior Walls								
Cast in Place Concrete	18%			LIFE	* *			
Concrete Masonry Unit	80%			LIFE	* *	5	$35,300	
Gypsum Board	2%			LIFE	* *	5	$1,300	
Ceilings								
AcousTileSusp.Lay-In	2%			2042	* *	5	$6,100	
Exposed Concrete	98%			LIFE	* *	5	$46,400	

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
COURT SQUARE-GARAGE
Asset # : 2422

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Chain Link	100%			2049	* *			
Free Standing Walls								
Cast in Place Concrete	5%	Now		2049	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Missing Deteriorated Joints At Cast Stone Copings								
Masonry: Brick	83%	Now	$5,900	2039	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Northeast Corner								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Masonry: Brick	12%			2059	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	Now	$3,700	2034	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : West Side Of Building								
On-Site Walkways								
Cast in Place Concrete	100%			2034	* *			

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								
Service Equipment								
Fused Disc Sw	100%			2039	* *	5	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2039	* *	5	$1,000	
Raceway								
Conduit	100%			2039	* *	1		
Panelboards								
Fused Disc Sw	5%			2037	* *	5	$300	
Molded Case Bkrs	95%			2037	* *	5	$6,000	
Wiring								
Thermoplastic	100%			2039	* *	1		
Motor Controllers								
Locally Mounted	100%			2034	* *	5	$1,600	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,600	

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
COURT SQUARE-GARAGE
Asset # : 2422

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	2%			2029	$11,000	10	$4,400	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Office								
HID	98%			2029	$2,019,100	10	$7,700	
Egress Lighting								
Emergency, Battery	70%			2029	$238,000	10	$40,900	
Exit, Battery	30%			2029	$69,600	10	$4,900	
Exterior Lighting								
HID	100%			2029	$952,200	10	$700	
Alarm								
Security System								
No Component	80%							
Generic	20%			2029	$152,600	1	$18,100	

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								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Radiant Heater	3%			2029	$125,500	2	$3,400	
Other Observation, Extent : Light, Area Affected : 3%								
Location : 1st Level								
Explanation : Management Office And Sprinkler Room Only								
No Component	97%							
Terminal Devices								
Fan Coil Unit/Heat	3%			2029	$3,200	1	$2,300	
No Component	97%							
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Window/Wall Unit	2%			2024	$9,800	1		
Other Observation, Extent : Light, Area Affected : 2%								
Location : 1st Level								
Explanation : Management Office Only								
No Component	98%							
Ventilation								
Distribution								
Ductwork/Diffusers	2%			LIFE	* *	2-5	$2,700	
No Component	98%							
Exhaust Fans								
Interior	2%			2029	$16,800	2	$200	
No Component	98%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
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	3%			2039	* *	1		
No Component	97%							
Water Heater								
Electric	2%			2022	$4,200	4		
No Component	98%							
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2021	$8,000	4	$7,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor								
Explanation : Two Units								
Fire Suppression								
Standpipe								
Generic	100%			2029	$984,200	1-5	$121,900	
Sprinkler								
No Component	80%							
Generic	20%			2029	$462,500	1-2	$13,500	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **10-Jan-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Basement, Roof, Floors 1,5**		
Block	: **410** **Lot** : **38**	**BIN**	: **1005326**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$101,600	$53,800
Interior Architecture		$379,500
Electrical	$449,200	$123,200
Mechanical	$36,600	$43,000
Total	**$587,300**	**$599,500**
Importance Code A	$101,600	$53,800
Importance Code B	$485,800	$545,700
Total	**$587,300**	**$599,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$35,000	$5,300		$2,900
Interior Architecture	$400	$1,800		$31,800
Electrical	$500	$1,200	$2,900	$23,700
Mechanical	$5,700			$9,800
Elevators/Escalators	$11,800	$11,800	$11,800	$11,800
Total	**$53,400**	**$20,100**	**$14,800**	**$80,100**
Importance Code A	$35,000	$5,300		$4,700
Importance Code B	$18,400	$14,800	$14,800	$75,400
Importance Code C				
Total	**$53,400**	**$20,100**	**$14,800**	**$80,100**

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
DELANCEY - ESSEX GARAGE
Asset # : 14318

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	* *	5	$25,100	
Masonry: Brick	15%			LIFE	* *	5	$7,500	
Metal Panel	3%			2049	* *	5-10	$10,400	
Metal Coiling Doors	5%			2042	* *	5	$7,800	
Metal: Cage/Fence	30%			2046	* *	5	$65,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : East And West Elevations								
Other Observation, Extent : Light, Area Affected : 100%								
Location : East And West Elevations								
Explanation : This Is Actually A Steel Cable Screen System								
Pre-Cast Concrete	33%			LIFE	* *	5	$53,800	
Window Wall	4%	Now	$2,000	2049	* *	5	$3,800	
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : 1st Floor East Elevation								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor East Elevation								
Explanation : This Is Actually A Glass Panel Wall System								
Windows								
Aluminum	98%			2045	* *	5	$3,000	
Metal Louvers	2%			2038	* *	10	$400	
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$6,200	
Masonry: Brick	5%			LIFE	* *	5	$200	
Metal Panel	2%			2049	* *	5	$200	
Metal: Cage/Fence	10%			2042	* *	5-10	$2,300	
Pre-Cast Concrete	63%			LIFE	* *	5	$11,900	
Roof								
Traffic Topping	95%			2034	* *	10	$101,600	
Not Accessible	5%							
Soffits								
Stucco Cement	100%			2042	* *	5		
Interior								
Floors								
Cast in Place Concrete	98%			LIFE	* *	5	$379,500	
Vinyl Tile	2%			2024	$31,400	3	$1,800	
Interior Walls								
Cast in Place Concrete	92%			LIFE	* *			
Concrete Masonry Unit	5%			LIFE	* *	5	$300	
Masonry: Brick	3%			LIFE	* *			
Ceilings								
AcousTile,Adhered	2%			2027	$34,300	5	$3,500	
Exposed Concrete	98%			LIFE	* *	5	$27,100	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Cast in Place Concrete	100%			2042	* *			

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								
Service Equipment								
Molded Case Bkrs	100%			2029	$5,000	5	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : No Nameplate Ratings Available								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2029	$76,400	5	$3,400	
Raceway								
Conduit	100%			2029	$15,600	1		
Panelboards								
Molded Case Bkrs	100%			2028	$46,700	5	$3,400	
Wiring								
Thermoplastic	100%			2029	$34,100	1		
Motor Controllers								
Locally Mounted	100%			2034	* *	5	$900	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,900	
Lighting								
Interior Lighting								
LED	100%			2034	* *			
Egress Lighting								
Emergency, Battery	50%			2024	$83,100	10	$14,300	
Exit, Battery	50%			2024	$56,700	10	$4,000	
Exterior Lighting								
HID	25%			2024	$128,000	10	$100	
No Component	75%							
Alarm								
Security System								
No Component	90%							
Generic	10%			2024	$41,000	1	$4,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Front And Back Of The Building								
Explanation : CCTV Surveillance Cameras Are Functional								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%	Now	$140,400	2039	* *	1-3	$7,300	
Not in Service, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								

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

DEPARTMENT OF TRANSPORTATION - 841
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
Heating								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Radiant Heater	3%			2029	$600	2		
Other Observation, Extent : Light, Area Affected : 3%								
Location : Office On 1st Level								
Explanation : 1 Unit - Only The Office Has This Heating Device								
No Component	97%							
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Window/Wall Unit	3%			2024	$7,200	1		
Other Observation, Extent : Light, Area Affected : 3%								
Location : Management Office								
Explanation : 1 Unit								
No Component	97%							
Ventilation								
Distribution								
No Component	5%							
No Component	95%							
Exhaust Fans								
No Component	5%							
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2029	$43,000	1		
No Component	95%							
Sanitary Piping								
Cast Iron	5%			LIFE	* *	1		
No Component	95%							
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Submersible	100%			2021	$4,300	4	$4,100	
Sewage Ejector(s)								
Electric	100%			2024	$36,600	4	$5,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Parking Levels 1-6								
Explanation : 2 Units - 1 New, 1 Abandoned								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **20-Jun-2018**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Floors 1**
Block : **24** **Lot** : **7** **BIN** :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$314,800	
Interior Architecture	$586,700	$59,200
Electrical	$98,600	
Mechanical		$62,300
Site Enclosure	$44,600	
Total	**$1,044,700**	**$121,500**
Importance Code A	$314,800	
Importance Code B	$511,600	$121,500
Importance Code C	$218,300	
Total	**$1,044,700**	**$121,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$42,400			
Interior Architecture		$200	$800	
Electrical	$300	$100	$200	$16,600
Mechanical	$200	$200	$1,300	$500
Site Pavements	$28,400			
Total	**$71,300**	**$500**	**$2,200**	**$17,200**
Importance Code A	$42,600	$100	$100	$100
Importance Code B	$300	$300	$2,100	$17,000
Importance Code C	$28,400			
Total	**$71,300**	**$500**	**$2,200**	**$17,200**

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
DOT EMERGENCY RESPONSE UNIT
Asset # : 14716

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								
Masonry: Brick	60%	Now	$190,800	LIFE	* *	5	$15,200	1
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Metal Coiling Doors	40%	Now	$59,800	2034	* *	5	$15,800	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Windows								
Steel	80%	Now	$26,700	2054	* *	5	$3,100	1
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Wood	20%			2045	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Offices								
Explanation : Vinyl Type								
Parapets								
Cast Stone/Terra Cotta	10%	Now	$15,700	LIFE	* *	5	$2,300	
Cracking/Crumbling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	90%	4+	$64,100	LIFE	* *	5	$2,700	
Cracking/Crumbling, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Roof								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Entire Roof								
Explanation : Although Not Accessible, Roof Is Assumed To Be In Poor Condition								
Interior								
Floors								
Cast in Place Concrete	90%	Now	$58,700	LIFE	* *	5	$59,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	5%			2038	* *	5	$1,500	
Vinyl Tile	5%			2034	* *	3	$600	
Interior Walls								
Gypsum Board	10%			LIFE	* *	5	$1,400	
Masonry: Brick	90%	Now	$173,700	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
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
DOT EMERGENCY RESPONSE UNIT
Asset # : 14716

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
Interior								
Ceilings								
Exposed Struc: Wood	90%	2-4	$354,300	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Gypsum Board	10%			LIFE	* *	5	$3,800	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2049	* *			
Free Standing Walls								
Masonry: Brick	100%	Now	$44,600	2039	* *			
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
Parking/Driveway								
Asphalt	100%	Now	$28,400	2032	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Molded Case Bkrs	100%			2055	* *	5	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 200 Ampere Main Disconecct Switch								
Raceway								
Conduit	40%			2055	* *	1		
Conduit	60%			2029	$2,300	1		
Panelboards								
Fused Disc Sw	5%			2051	* *	5		
Molded Case Bkrs	50%			2051	* *	5	$300	
Molded Case Bkrs	45%			2028	$3,500	5	$200	
Wiring								
Thermoplastic	60%			2055	* *	1		
Thermoplastic	40%			2029	$3,400	1		
Motor Controllers								
Locally Mounted	100%			2046	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	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
DOT EMERGENCY RESPONSE UNIT
Asset # : 14716

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	20%			2037	* *	10	$3,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Offices								
Fluorescent	78%			2024	$35,600	10	$14,300	
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 78%								
Location : Throughout The Building								
Incandescent	2%			2024	$2,200	2		
Egress Lighting								
Emergency, Battery	50%			2037	* *	10	$2,400	
Exit, Service	50%			2034	* *	1		
Exterior Lighting								
HID	20%			2037	* *	10		
HID	80%			2024	$63,000	10		
Alarm								
Security System								
No Component	90%							
Generic	10%			2037	* *	1	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : CCTV Camera								

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%			2055	* *	1		
Conversion Equipment								
Furnace	15%			2034	* *	1	$1,500	
No Component	85%							
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	15%			2030	$62,300	2	$200	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Office								
Explanation : 410a Refrigerant								
Window/Wall Unit	5%			2027	$2,000	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	15%			LIFE	* *	2-5	$1,700	
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
DOT EMERGENCY RESPONSE UNIT
Asset # : 14716

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
Ventilation								
Exhaust Fans								
Interior	15%			2037	* *	2	$100	
Wall Unit	5%			2024	$300	2		
No Component	80%							
Plumbing								
H/C Water Piping								
Brass/Copper	15%			2055	* *	1		
No Component	85%							
Water Heater								
Gas Fired	15%			2028	$1,800	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%			2023	$700	4	$400	
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **05-Apr-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,5**		
Block	: **2331** **Lot** : **22**	**BIN**	: **2000927**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$393,300	$276,200
Interior Architecture	$2,094,100	$529,600
Electrical		$682,500
Mechanical		$38,800
Total	**$2,487,400**	**$1,527,100**
Importance Code A	$393,300	$315,000
Importance Code B	$1,861,400	$1,066,800
Importance Code C	$232,700	$145,200
Total	**$2,487,400**	**$1,527,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$83,100		$34,900	
Interior Architecture	$16,400		$2,500	$600
Electrical	$3,300	$1,500	$2,900	$1,700
Mechanical	$4,800	$4,600	$7,300	$2,500
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$112,500**	**$11,000**	**$52,500**	**$9,800**
Importance Code A	$83,300		$35,100	
Importance Code B	$13,400	$11,000	$17,400	$9,800
Importance Code C	$15,700			
Total	**$112,500**	**$11,000**	**$52,500**	**$9,800**

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

E. 149 STREET GARAGE

Asset # : 14319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$76,400	
Concrete Masonry Unit	35%			LIFE	* *	5	$66,900	
Masonry: Brick Cavity	5%	Now	$29,900	LIFE	* *	5	$7,600	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : North Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : North Facade								
Metal Coiling Doors	5%			2043	* *	5	$23,900	
Metal: Cage/Fence	5%			2043	* *	5	$33,400	
Pre-Cast Concrete	40%			LIFE	* *	5	$397,400	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : North And South Facades								
Explanation : Metal Infills								
Window Wall	5%			2050	* *	5	$28,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Section Of First Floor On The South Side								
Explanation : Commercial Space Use								
Parapets								
Concrete Masonry Unit	40%			LIFE	* *	5-10	$25,000	
Metal Rail	5%			2043	* *	5-10	$10,300	
Pre-Cast Concrete	55%			LIFE	* *	5	$78,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : North And South Parapets								
Explanation : Metal Infills								
Roof								
Traffic Topping	100%	Now	$117,000	2035	* *			
Adhesion Failure, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Cracking/Crumbling, Extent : Severe, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	94%	Now	$1,686,900	LIFE	* *	5	$340,400	
Other Observation, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Explanation : Structural Failure Of The Post Tension Cables Within The Concrete Slabs								
Ceramic Tile	3%			2033	* *	5	$5,000	
Vinyl Tile	3%			2030	$44,000	3	$2,500	
Interior Walls								
Cast in Place Concrete	8%			LIFE	* *	10	$87,500	
Concrete Masonry Unit	83%			LIFE	* *	5	$290,500	
Glass: Single Pane	2%			LIFE	* *	5	$13,100	
Masonry: Brick	7%			LIFE	* *	10	$9,200	
Ceilings								
AcousTileSusp.Lay-In	2%			2035	* *	5	$3,300	
Exposed Concrete	98%			LIFE	* *	5-10	$199,400	

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

E. 149 STREET GARAGE

Asset # : 14319

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

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								
Service Equipment								
Molded Case Bkrs	100%			2040	* *	5	$3,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 500 Amperes Main Disconnect Switch And The Building Is Not Occupied								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2040	* *	5	$3,000	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	5%			2038	* *	5	$100	
Molded Case Bkrs	95%			2038	* *	5	$2,800	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$800	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	$255,700	10	$102,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T- 8 Lamps								
Egress Lighting								
Exit, Service	100%			2030	$31,500	1		
Exterior Lighting								
HID	30%			2030	$132,300	10	$100	
No Component	70%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2030	$70,700	1	$8,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Only								
Explanation : 6 CCTV Surveillance Cameras								

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

DEPARTMENT OF TRANSPORTATION - 841

E. 149 STREET GARAGE

Asset # : 14319

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%			2030	$121,000	1-3	$7,100	

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								
Electricity	100%			2040	* *	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : This Building Is Not Occupied.								
Conversion Equipment								
Radiant Heater	2%			2025	$38,800	2	$1,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Office Only								
Explanation : 2 Units								
No Component	98%							
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	2%			2023	$4,600	1		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Office Only								
Explanation : 1 Unit								
No Component	98%							
Distribution								
No Component	0%							
Ventilation								
Exhaust Fans								
Wall Unit	5%			2025	$1,900	2	$200	
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%	Now	$2,000	2040	* *	1		
Leak Evident, Extent : Severe, Area Affected : 3%								
Location : Water Main Valve Connection, 1st Floor Janitor Store Room.								
No Component	95%							
Water Heater								
Electric	5%			2028	$4,800	4		
No Component	95%							
Sanitary Piping								
Cast Iron	5%			LIFE	* *	1		
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

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
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	50%							
Generic	50%			2025	$13,900	1	$3,400	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 4th Floor And Roof								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2040	* *	1-5	$56,500	
Sprinkler								
No Component	98%							
Generic	2%			2030	$21,400	1-2	$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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$180,900	$128,100
Interior Architecture	$49,800	$61,000
Electrical	$235,800	
Mechanical		$953,500
Total	**$466,500**	**$1,142,600**
Importance Code A	$180,900	$128,100
Importance Code B	$235,800	$1,014,500
Importance Code C	$49,800	
Total	**$466,500**	**$1,142,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$62,400	$9,600		
Interior Architecture	$40,700		$200	$800
Electrical	$20,400	$400	$400	$23,000
Mechanical	$10,500	$4,200	$4,700	$20,000
Total	**$133,900**	**$14,100**	**$5,300**	**$43,800**
Importance Code A	$64,500	$11,600	$2,100	$2,100
Importance Code B	$69,400	$2,500	$3,200	$41,800
Importance Code C				
Total	**$133,900**	**$14,100**	**$5,300**	**$43,800**

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
FLATLANDS AVENUE YARD MAIN BUILDING
Asset # : 1000

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	87%	Now	$180,900	LIFE	* *	5	$28,800	
Diagonal Cracks, Extent : Moderate, Area Affected : 10%								
Location : At Masonry Openings Of Windows								
Horizontal Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%								
Location : At Masonry Openings								
Vertical Cracks, Extent : Light, Area Affected : 10%								
Location : Chimney								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout Window Openings								
Metal Coiling Doors	10%			2031	* *	5	$10,300	
Stucco Cement	3%	Now	$29,900	2046	* *	5	$1,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Bulkhead								
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Bulkhead								
Worn/Eroded, Extent : Moderate, Area Affected : 50%								
Location : Bulkhead								
Windows								
Aluminum	100%			2042	* *	5	$6,000	
Parapets								
Masonry: Brick	90%	Now	$27,300	LIFE	* *	5	$2,300	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%								
Location : Interior Face								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Inside Face								
Masonry: Limestone	10%			LIFE	* *	5	$300	
Roof								
Built-Up (BUR)	10%			2026	$60,200	10	$4,300	
Gravel/Slag Surface, Extent : Moderate, Area Affected : 20%								
Location : Flat Section								
Metal Panel	87%			2039	* *	10	$67,900	
Roll Roofing	3%			2022	$5,500	5	$2,100	
Interior								
Floors								
Cast in Place Concrete	90%	Now	$30,300	LIFE	* *	5	$61,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 20%								
Location : Shop Area								
Ceramic Tile	5%			2029	$31,300	5	$1,600	
Vinyl Tile	5%			2026	$13,700	3	$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
FLATLANDS AVENUE YARD MAIN BUILDING
Asset # : 1000

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$500	
Glass: Single Pane	2%			LIFE	* *	5	$400	
Masonry: Brick	93%	Now	$49,800	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Upper Level								
Ceilings								
Exposed Concrete	10%	Now	$10,400	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	90%			LIFE	* *			

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								
Service Equipment								
Fused Disc Sw	100%			2026	$1,500	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One Electrical Service Rated At 400 Amperes								
Raceway								
Conduit	100%			2026	$3,900	1		
Panelboards								
Molded Case Bkrs	100%			2025	$15,600	5	$500	
Wiring								
Braided Cloth	80%	2-4	$35,600	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Office Plus Electrical Room								
Thermoplastic	20%			2026	$1,700	1		
Motor Controllers								
Locally Mounted	100%			2024	$22,500	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Basement								
Explanation : Water Main								
Lighting								
Interior Lighting								
Fluorescent	30%			2021	$50,800	10	$5,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	70%			2031	* *	10	$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

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								
Egress Lighting								
Exit, Service	50%			2021	$2,900	1		
Exit, Battery	50%			2021	$10,000	10	$700	
Exterior Lighting								
HID	100%			2021	$82,000	10	$100	
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Analog	30%			2021	$67,400	1-3	$4,000	

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%			2036	* *	1		
Conversion Equipment								
Steam Boiler	100%			2031	* *	1	$20,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 2 Units, One Is Obsolete								
Distribution								
Central Plant Steam Piping/Pmp	100%			2026	$344,100	4	$1,500	
Terminal Devices								
Convector/Radiator	15%			2024	$16,300	1	$1,000	
Fan Coil Unit/Heat	85%			2026	$258,800	1	$5,700	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	10%			2021	$4,200	1		
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$11,600	
Exhaust Fans								
Roof	30%			2026	$10,100	2	$200	
Wall Unit	70%			2026	$5,100	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2026	$151,500	1		
Water Heater								
Gas Fired	100%			2026	$12,400	2	$300	
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Basement								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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)								
Non-Submersible	100%	0-2	$3,100	2036	* *	4	$400	
On Extended Life, Extent : Moderate, Area Affected : 100% *Location : Basement*								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2026	$199,100	1-2	$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.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$57,100	
Interior Architecture	$48,000	
Total	**$105,100**	
Importance Code A	$57,100	
Importance Code C	$48,000	
Total	**$105,100**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$13,400			
Interior Architecture	$2,800			$100
Electrical	$800			$2,200
Mechanical	$7,700	$100	$100	$200
Total	**$24,600**	**$100**	**$100**	**$2,500**
Importance Code A	$13,400			
Importance Code B	$11,200	$100	$100	$2,500
Importance Code C				
Total	**$24,600**	**$100**	**$100**	**$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
FLATLANDS AVENUE YARD WAREHOUSE AND WELDING SHOP
Asset # : 1036

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								
Masonry: Brick	85%	Now	$57,100	LIFE	* *	5	$6,100	1
Horizontal Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Rusting Masonry Supt, Extent : Severe, Area Affected : 50%								
Location : At Masonry Openings								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
Location : Corners								
Metal Coiling Doors	15%			2031	* *	5	$3,300	
Windows								
Aluminum	100%	Now	$1,800	2042	* *	5	$400	
Air Infiltration, Extent : Light, Area Affected : 50%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Light, Area Affected : 10%								
Location : Throughout								
Parapets								
Masonry: Brick	95%	Now	$2,400	LIFE	* *	5	$100	1
Diagonal Cracks, Extent : Severe, Area Affected : 30%								
Location : At Corners								
Vertical Cracks, Extent : Severe, Area Affected : 30%								
Location : Corners								
Masonry: Limestone	5%	Now		LIFE	* *	5		
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	100%			2031	* *	10	$7,500	
Interior								
Floors								
Cast in Place Concrete	70%	Now	$1,500	LIFE	* *	5	$6,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2035	* *	5	$200	
Vinyl Tile	25%	0-2	$900	2031	* *	3	$400	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Gypsum Board	25%			LIFE	* *	5	$2,400	
Masonry: Brick	75%	0-2	$48,000	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
AcousTileSusp.Lay-In	25%	0-2	$400	2031	* *	5	$500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Concrete	75%			LIFE	* *	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
FLATLANDS AVENUE YARD WAREHOUSE AND WELDING SHOP
Asset # : 1036

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								
Raceway								
Conduit	100%			2026	$3,900	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	$2,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	10%			2026	$2,400	10		
Incandescent	5%			2021	$800	2		

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								
Distribution								
Central Plant Steam Piping/Pmp	100%			2036	* *	4	$100	
Terminal Devices								
Convector/Radiator	100%			2031	* *	1	$900	
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2021	$1,100	1		
No Component	80%							
Ventilation								
Exhaust Fans								
Wall Unit	100%			2026	$1,000	2	$100	
Plumbing								
H/C Water Piping								
Brass/Copper	100%	0-2	$4,100	2036	* *	1		
Corroded, Extent : Moderate, Area Affected : 20%								
Location : Water Main And Piping								
Water Heater								
Electric	100%			2021	$2,400	4		
Sanitary 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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **08-Sep-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1**		
Block	: **3886** **Lot** : **558**	**BIN**	: **4095043**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$91,600	
Total	**$91,600**	
Importance Code A	$91,600	
Total	**$91,600**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$17,700		$1,600	$1,100
Interior Architecture	$13,500			$400
Electrical	$400	$300	$300	$500
Mechanical	$300	$300	$300	$300
Total	**$31,900**	**$600**	**$2,200**	**$2,300**
Importance Code A	$18,000	$300	$1,900	$1,500
Importance Code B	$13,400	$300	$300	$800
Importance Code C	$500			
Total	**$31,900**	**$600**	**$2,200**	**$2,300**

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		
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	10%			2048	* *	10	$400	
Cast in Place Concrete	15%			LIFE	* *	5	$8,700	
Masonry: Brick	70%	Now	$51,100	LIFE	* *	5	$8,100	
Jnt Mortar Miss/Erod, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Mens Locker Room								
Worn/Eroded, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Metal Coiling Doors	5%			2033	* *	5	$1,800	
Windows								
Aluminum	100%			2044	* *	5	$2,300	
Parapets								
Masonry: Brick	45%	Now	$40,600	LIFE	* *	5	$3,400	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Masonry: Brick	50%			LIFE	* *	5	$3,700	
Metal Panel	5%			2048	* *	5	$1,500	
Roof								
Built-Up (BUR)	15%	Now	$11,300	2033	* *			
Debris on Roof, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 25%								
Location : Above Mens Locker Room And Staff Room								
Modified Bitumen	85%	Now	$6,400	2033	* *			
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Roof Penetration Above Storage Room								
Interior								
Floors								
Cast in Place Concrete	75%	Now	$11,000	LIFE	* *	5	$22,100	
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Floor Slab On Apparatus Floor								
Vinyl Tile	25%			2033	* *	3	$1,700	
Interior Walls								
Concrete Masonry Unit	5%			LIFE	* *	5	$500	
Gypsum Board	10%	0-2	$500	LIFE	* *	5	$1,400	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Male Locker Room And Staff Room								
Masonry: Brick	85%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	25%			2041	* *	5	$3,200	
Exposed Concrete	75%			LIFE	* *	5	$1,500	
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Parking/Driveway								
Asphalt	100%			2037	* *			

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								
Service Equipment								
Molded Case Bkrs	100%			2054	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : One 400 Amperes Main Disconnect Switch Located At The Yard								
Raceway								
Conduit	100%			2054	* *	1		
Panelboards								
Fused Disc Sw	5%			2050	* *	5		
Molded Case Bkrs	95%			2050	* *	5	$100	
Wiring								
Thermoplastic	100%			2054	* *	1		
Motor Controllers								
Locally Mounted	100%			2045	* *	5		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	20%			2036	* *	10	$1,000	
T-5 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Garage								
Fluorescent	80%			2036	* *	10	$4,200	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Offices And Storage 1st Floor								
Egress Lighting								
Emergency, Battery	50%			2036	* *	10	$700	
Exit, Service	50%			2036	* *	1		
Exterior Lighting								
HID	100%			2036	* *	10		
Alarm								
Fire/Smoke Detection								
Generic, Digital	100%			2036	* *	1-3	$3,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : 1st Floor Storage Room								
Explanation : Fire Alarm System Is For The Gas Station Only And Not For The Building								

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

DEPARTMENT OF TRANSPORTATION - 841
GLENDALE YARD BLDG. 7 (GARAGE AND STORAGE)
Asset # : 2424

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	100%			2028	$13,100	1	$2,800	
Not in Service, Extent : Moderate, Area Affected : 100%								
Location : Not In Service Because No Gas Connection. 1st Floor								
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 3 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Window/Wall Unit	40%			2026	$4,600	1		
No Component	60%							
Ventilation								
Exhaust Fans								
Wall Unit	40%			2033	* *	2	$100	
No Component	60%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2048	* *	1		
Water Heater								
Electric	100%			2026	$4,900	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **HARLEM RIVER BRIDGE SHOP GARAGE 1**
Address : **300 W. 206TH STREET**
Borough : **MANHATTAN**
Program / Asset # : **DOT0093.000 / 549**
Area Sq Ft : **14,192**
Date of Survey : **19-Jul-2018**
Areas Surveyed : **Basement, Roof, Floors 1**
Block : **2186** **Lot** : **9**

Agency's Number : **N/A**
Yr Built/Renovated : **1958 / 2007**
Project Type : **HIGHWAYS**
Landmark Status : **NONE**
BIN : **1081892**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$102,200	
Total	**$102,200**	
Importance Code A	$102,200	
Total	**$102,200**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$39,700	$9,300		
Interior Architecture		$1,500		$9,300
Electrical	$1,300	$1,600	$1,300	$14,400
Mechanical	$43,900	$1,200	$7,900	$1,200
Site Enclosure	$6,300			
Site Pavements	$16,700			
Total	**$108,000**	**$13,600**	**$9,300**	**$24,900**
Importance Code A	$45,200	$10,000	$700	$700
Importance Code B	$39,700	$3,600	$8,600	$24,200
Importance Code C	$23,100			
Total	**$108,000**	**$13,600**	**$9,300**	**$24,900**

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 1
Asset # : 549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	82%	0-2	$102,200	LIFE	* *	5	$32,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Throughout								
Metal Sect. OHD	15%			2042	* *	5	$18,600	
Pre-Cast Concrete	3%			LIFE	* *	5	$3,900	
Windows								
Aluminum	50%	Now	$3,200	2045	* *	5	$700	
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Mechanical Lockeroom								
Fiberglass Panel	50%			2045	* *	5	$5,500	
Parapets								
Cast Stone/Terra Cotta	5%	Now	$3,600	LIFE	* *	5	$2,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 5%								
Location : North Facade								
Masonry: Brick	95%			LIFE	* *	5	$5,200	
Roof								
Single Ply Membrane	100%	Now	$32,900	2037	* *			
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Lockeroom And Corridors								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$4,600	
Terrazzo	5%			LIFE	* *	5	$800	
Traffic Topping	70%			2034	* *	5	$18,600	
Vinyl Tile	15%			2034	* *	3	$1,200	
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *			
Concrete Masonry Unit	75%			LIFE	* *	5	$5,700	
Glass: Single Pane	5%			LIFE	* *	5	$700	
Masonry: Brick	5%			LIFE	* *			
SGFT/Glazed Masonry	5%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2042	* *	5	$2,100	
Exposed Concrete	10%			LIFE	* *	5	$300	
Exposed Struc: Steel	70%			LIFE	* *			
Gypsum Board	10%			LIFE	* *	5	$2,700	
Site Enclosure								

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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 1
Asset # : 549

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Fence/Gates								
Aluminum Rail	100%	Now	$6,300	2034	* *	5	$4,000	
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Loading Dock								
Corrosion/Rusting, Extent : Severe, Area Affected : 50%								
Location : Loading Dock								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Loading Dock								
Explanation : Metal Safety Railing Along Loading Dock								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
On-Site Walkways								
Cast in Place Concrete	100%	0-2	$16,700	2049	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 15%								
Location : Throughout Loading Dock								

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								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 2500 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Disc Sw	100%			2049	* *	5	$100	
Raceway								
Conduit	100%			2049	* *	1		
Panelboards								
Molded Case Bkrs	100%			2045	* *	5	$400	
Wiring								
Thermoplastic	100%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
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
HARLEM RIVER BRIDGE SHOP GARAGE 1
Asset # : 549

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2034	* *	10	$11,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2034	* *	10	$1,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Locker Rooms								
Egress Lighting								
Emergency, Battery	50%			2029	$10,000	10	$1,700	
Exit, Battery	50%			2029	$6,800	10	$500	
Exterior Lighting								
HID	60%			2034	* *	10		
LED	40%			2037	* *			
Recent Installation, Extent : Light, Area Affected : 100%								
Location : Building Perimeter								
Alarm								
Security System								
Generic	100%			2034	* *	1	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *	1-3	$8,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Horns/strobes And Smoke Detection								

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%			2039	* *	1		
Conversion Equipment								
Furnace	70%			2034	* *	1	$4,900	
Other Observation, Extent : Light, Area Affected : 85%								
Location : Roof								
Explanation : 4 Rooftop Units								
Furnace	15%	Now	$4,900	2039	* *	1	$900	
Broken, Extent : Severe, Area Affected : 15%								
Location : Roof								
Hot Water Boiler	15%			2042	* *	1	$1,100	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Basement								
Explanation : 1 Unit								

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Distribution								
Hot Wtr Piping/Pump	15%			2045	* *	4	$200	
No Component	85%							
Terminal Devices								
Convector/Radiator	15%			2042	* *	1	$700	
No Component	85%							
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	$34,700	2034	* *	2	$700	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 2 Of 6 Units Broken								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2	$18,500	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,900	
Exhaust Fans								
Roof	100%			2034	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Water Heater								
Gas Fired	100%			2027	$8,500	2	$200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Basement								
Explanation : 80-gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	Now	$2,900	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Roof								
Explanation : Broken And Leaking Roof Drain								
Sump Pump(s)								
Submersible	100%			2023	$500	4	$300	
Backflow Preventer								
Generic	100%			2034	* *	1	$900	
Fixtures								
Generic	100%							
Fire Suppression								

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fire Suppression								
Sprinkler								
Generic	100%			2049	* *	1-2	$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.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **19-Jul-2018**		**Landmark Status**	: **NONE**	
Areas Surveyed	: **Roof, Floors 1,2,Ph**				
Block	: **2186**	**Lot** : **9**	**BIN**	: **1081894**	

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$76,700	
Mechanical	$49,100	
Total	**$125,800**	
Importance Code A	$76,700	
Importance Code B	$49,100	
Total	**$125,800**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$32,600	$7,200		$2,500
Interior Architecture	$10,800	$3,200		$900
Electrical	$1,900	$2,300	$1,900	$23,600
Mechanical	$11,100	$1,900	$3,600	$1,900
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$60,300**	**$18,600**	**$9,400**	**$32,900**
Importance Code A	$42,600	$8,200	$1,000	$3,500
Importance Code B	$17,700	$10,300	$8,400	$29,400
Importance Code C				
Total	**$60,300**	**$18,600**	**$9,400**	**$32,900**

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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	55%	Now	$40,100	LIFE	* *	5	$12,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	20%	Now	$1,700	2049	* *	5	$8,700	
Deformed/Dented, Extent : Moderate, Area Affected : 20%								
Location : Lower Level Adjacent To Soffit								
Metal Sect. OHD	20%			2042	* *	5	$14,500	
Window Wall	5%			2049	* *	5	$4,300	
Windows								
Aluminum	100%	Now	$19,500	2045	* *	5	$4,500	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Kitchen								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Parapets								
Cast Stone/Terra Cotta	10%	0-2	$2,200	LIFE	* *	5	$2,500	
Open Joints, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	45%			LIFE	* *	5	$1,500	
Metal Panel	5%			2049	* *	5	$600	
Metal Rail	40%	Now	$7,300	2042	* *	5	$9,300	
Loose/Miss Fasteners, Extent : Light, Area Affected : 40%								
Location : Throughout								
Roof								
Plaza Roof: Stone Panels	5%			2049	* *			
Single Ply Membrane	95%	Now	$36,600	2034	* *			
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Penthouse								
Soffits								
Cement-Fiber Panel	100%	Now	$1,900	2034	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Lower Level								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	* *	5	$6,600	
Traffic Topping	5%			2034	* *	5	$1,900	
Vinyl Tile	85%			2034	* *	3	$9,600	
Interior Walls								
Concrete Masonry Unit	80%			LIFE	* *	5	$9,700	
Glass: Single Pane	5%			LIFE	* *	5	$1,100	
Gypsum Board	5%			LIFE	* *	5	$900	
SGFT/Glazed Masonry	10%			LIFE	* *			

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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 2
Asset # : 550

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
Interior								
Ceilings								
AcousTileSusp.Lay-In	85%	Now	$10,800	2042	* *	5	$12,800	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Throughout								
Exposed Struc: Steel	15%			LIFE	* *			
Site Enclosure								
Fence/Gates								
Chain Link	10%			2049	* *			
Chain Link	90%			2049	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2042	* *			

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								
Service Equipment								
Fused Disc Sw	100%			2049	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 800 Ampere Main Disconnect Switch								
Switchgear / Switchboard								
Fused Knife Sw	100%			2049	* *	5	$100	
Raceway								
Conduit	100%			2049	* *	1		
Panelboards								
Molded Case Bkrs	100%			2045	* *	5	$500	
Wiring								
Thermoplastic	100%			2049	* *	1		
Motor Controllers								
Locally Mounted	100%			2042	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$300	
Lighting								
Interior Lighting								
Fluorescent	95%			2034	* *	10	$17,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 95%								
Location : Throughout The Building								
Fluorescent	5%			2034	* *	10	$900	
Compact Fluorescent Light, Extent : Light, Area Affected : 5%								
Location : Second Floor								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF TRANSPORTATION - 841
HARLEM RIVER BRIDGE SHOP GARAGE 2
Asset # : 550

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								
Egress Lighting								
Emergency, Battery	50%			2034	* *	10	$2,400	
Exit, Battery	50%			2034	* *	10	$700	
Exterior Lighting								
Fluorescent	5%			2034	* *	10	$100	
HID	95%			2034	* *	10	$100	
Alarm								
Security System								
Generic	100%			2034	* *	1	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : CCTV Surveillance System								
Fire/Smoke Detection								
Generic, Digital	100%			2034	* *	1-3	$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Manual Pull Stations, Horns and Strobes And Smoke Detection								

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%			2049	* *	1		
Conversion Equipment								
Furnace	60%			2034	* *	1	$6,000	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Roof								
Explanation : Two Package Units								
Furnace	20%	Now	$9,200	2039	* *	1	$1,800	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit Boken								
Hot Water Boiler	20%			2042	* *	1	$2,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : 3rd Floor Penthouse								
Explanation : 1 Unit								
Distribution								
Hot Wtr Piping/Pump	20%			2045	* *	4	$300	
No Component	80%							
Terminal Devices								
Convector/Radiator	20%			2042	* *	1	$1,300	
No Component	80%							
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
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
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	78%			2034	* *	2	$1,000	
R-134a Refrigerant, Extent : Light, Area Affected : 100%								
Location : 3 Units, Roof								
Ext Pkg Unit - Heating/Cooling	20%	Now	$49,100	2039	* *	2	$200	
Broken, Extent : Severe, Area Affected : 20%								
Location : Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 1 Unit								
Split Unit	2%			2034	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Elevator Machine Room								
Explanation : 1 Unit								
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$11,200	
Exhaust Fans								
Roof	100%			2034	* *	2	$600	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Water Heater								
Gas Fired	100%			2027	$12,000	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor								
Explanation : 80-gallon Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
No Component	50%							
Generic	50%			2034	* *	1	$600	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : 1 Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2049	* *	1-2	$5,600	

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

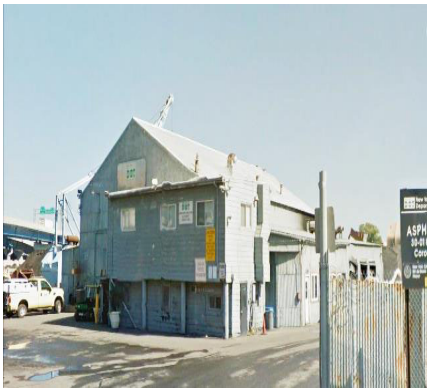
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Electrical	$118,800	
Mechanical		$45,000
Total	**$118,800**	**$45,000**
Importance Code B	$118,800	$45,000
Total	**$118,800**	**$45,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$18,200	$16,200		
Interior Architecture	$3,400			$5,100
Electrical	$29,800	$1,000	$1,000	$32,700
Mechanical	$900	$1,400	$1,100	$31,600
Total	**$52,300**	**$18,600**	**$2,000**	**$69,400**
Importance Code A	$18,800	$16,600	$500	$300
Importance Code B	$33,500	$2,000	$1,500	$69,100
Importance Code C				
Total	**$52,300**	**$18,600**	**$2,000**	**$69,400**



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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
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	$5,000	2036	* *			
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Two Story Section								
Paint Peeling, Extent : Severe, Area Affected : 50%								
Location : Two Story Section								
Metal, Corrugated	65%	Now	$7,100	2036	* *	1		
Deformed/Dented, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Deteriorated Finish, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Explanation : Paint Peeling								
Metal Sect. OHD	10%			2031	* *	5	$4,500	
Other Observation, Extent : Severe, Area Affected : 25%								
Location : East And South Facades								
Explanation : Deformed Dented								
Wood	5%	Now	$3,900	2031	* *	5	$1,800	1
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Sectional Door Frames								
Dry Rot/Decay, Extent : Severe, Area Affected : 50%								
Location : Sectional Door Frames								
No Component	0%							
Windows								
Aluminum	100%			2042	* *	5	$2,600	
Roof								
Metal, Corrugated	80%			2031	* *	1		
Roll Roofing	20%			2022	$12,500	5	$4,900	
Interior								
Floors								
Cast in Place Concrete	75%			LIFE	* *	5	$26,500	
Ceramic Tile	15%			2035	* *	5	$2,400	
Wood	10%			2054	* *	5	$3,000	
Interior Walls								
Ceramic Tile	5%			2035	* *	5	$800	
Concrete Masonry Unit	25%			LIFE	* *	5	$1,600	
Gypsum Board	15%			LIFE	* *	5	$1,400	
Gypsum Board	55%			LIFE	* *	5	$5,200	

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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
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%	Now	$3,400	2039	* *	5	$2,000	
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : One Story Wing								
Staining/Discoloring, Extent : Severe, Area Affected : 100%								
Location : One Story Wing								
Worn/Eroded, Extent : Severe, Area Affected : 50%								
Location : One Story Wing								
AcousTileSusp.Lay-In	45%			2039	* *	5	$7,300	
Exposed Struc: Steel	15%			LIFE	* *			
Gypsum Board	15%			LIFE	* *	5	$3,000	

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								
Service Equipment								
Fused Disc Sw	100%			2026	$1,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Two 400 Ampere Main Disconnect Switches For Main Office Building								
Transformers								
Dry Type	100%			2024	$16,500	5		
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room								
Explanation : One 112.5 Kilovolt-ampere, 480hv-208/120lv								
Switchgear / Switchboard								
Fused Disc Sw	50%			2026	$12,700	5		
Molded Case Bkrs	50%			2026	$12,700	5	$100	
Raceway								
Conduit	100%			2026	$3,900	1		
Panelboards								
Fused Disc Sw	10%			2025	$800	5		
Molded Case Bkrs	90%			2025	$7,000	5	$300	
Wiring								
Thermoplastic	100%			2026	$8,500	1		
Motor Controllers								
Locally Mounted	20%			2024	$3,000	5		
Motor Control Center	80%			2024	$2,800	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2024	$9,300	1	$3,300	

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

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

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
Stand-by Power								
Generators								
Diesel	100%			2022	$76,300	1	$4,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Generator Room - Main Office Building								
Explanation : One 500 Kilowatt, One 800 Kilowatt And One 900 Kilowatt. The Three Generators Are For The Asphalt Plant Only								
Batteries								
Lead/Acid	100%			2021	$1,600	5	$400	
Fuel Storage								
Day Tank	25%			2025	$200	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Genrator Room								
Explanation : One 125 Gallon								
Main Tank	75%			2029	$1,000	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Outside								
Explanation : Three 25,000 Gallon								
Lighting								
Interior Lighting								
Fluorescent	90%			2031	* *	10	$8,900	
T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
HID	5%			2021	$4,600	10		
Incandescent	5%			2021	$2,900	2		
Egress Lighting								
Emergency, Battery	50%			2021	$7,600	10	$1,300	
Exit, Service	50%			2021	$1,500	1		
Exterior Lighting								
HID	100%			2021	$42,500	10		
Alarm								
Security System								
No Component	50%							
Generic	50%			2026	$17,000	1	$2,000	

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	20%			2046	* *	1		
Natural Gas	80%			2036	* *	1		

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*** 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 Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	60%			2026	$14,900	1	$3,200	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Garage								
Explanation : 3 Units								
Radiant Heater	20%			2031	* *	2	$1,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : 1st Floor								
Explanation : 2 Units								
No Component	20%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Office								
Explanation : Heating Is Provided By A Heat Pump Listed Only Under Air Conditioning Conversion Equipment								
Terminal Devices								
Air Handler	20%			2026	$23,700	1	$1,300	
Fan Coil Unit/Heat	20%			2026	$25,300	1	$700	
No Component	60%							
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	20%			2024	$20,900	2	$100	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Office								
Explanation : 1 Unit - Provides Both Heating And Cooling								
Split Unit	20%			2026	$45,000			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Laboratory								
Explanation : 1 Unit								
No Component	60%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2026	$9,500	1	$1,300	
Fan Coil - 4 Pipe	20%			2026	$19,800	1	$700	
No Component	60%							
Heat Rejection								
Dry Cooler	40%			2026	$9,200	2	$3,000	
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	20%			LIFE	* *	2-5	$1,200	
No Component	80%							
Exhaust Fans								
Interior	20%			2026	$7,500	2	$100	
No Component	80%							
Plumbing								

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

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%			2036	* *	1		
Water Heater								
Electric	100%			2024	$9,300	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.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$1,034,100	$727,400
Interior Architecture	$83,700	
Electrical	$979,000	$50,900
Mechanical	$68,000	
Total	**$2,164,800**	**$778,400**
Importance Code A	$1,102,100	$727,400
Importance Code B	$1,062,700	$50,900
Total	**$2,164,800**	**$778,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$19,300			
Interior Architecture				
Electrical	$32,100	$300	$300	$300
Mechanical	$11,800		$400	
Total	**$63,100**	**$300**	**$700**	**$300**
Importance Code A	$20,700		$400	
Importance Code B	$42,400	$300	$300	$300
Importance Code C				
Total	**$63,100**	**$300**	**$700**	**$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
JEROME - GUN HILL ROAD GARAGE
Asset # : 14317

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	80%	Now	$633,900	LIFE	* *	5	$539,100	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Street Facade								
Worn/Eroded, Extent : Light, Area Affected : 10%								
Location : Street Facade								
Metal Sect. OHD	5%	Now	$43,900	2031	* *	5	$10,500	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Street Facade								
Explanation : Broken Missing Elements								
Metal: Cage/Fence	15%	Now	$47,700	2031	* *	5	$44,200	
Corrosion/Rusting, Extent : Moderate, Area Affected : 15%								
Location : Street Facade								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Street Facade								
Windows								
Steel	5%	Now	$104,100	2051	* *	5	$12,000	
Deteriorated Finish, Extent : Moderate, Area Affected : 25%								
Location : Ticket Office								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%								
Location : Ticket Office								
No Component	95%							
Parapets								
Cast in Place Concrete	75%	Now	$92,500	LIFE	* *	5	$144,100	
Spalling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Vertical Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal: Cage/Fence	25%	Now	$19,300	2031	* *	5	$15,000	
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : East Facade, South Facade								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : East Facade, South Facade								
Roof								
Cast in Place Concrete	100%	Now	$111,900	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Top Ramp								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Exterior Ramps Up Top								
Recent Repair Evident, Extent : Light, Area Affected : 25%								
Location : Top Ramp - Expansion Joint								
Interior								

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

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

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
Interior								
Floors								
Asphalt Poured	100%	Now	$83,700	2031	* *	5	$29,400	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Uneven Surface, Extent : Severe, Area Affected : 35%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	75%			LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Concrete Masonry Unit	23%			LIFE	* *	5	$17,500	
Glass: Single Pane	2%			LIFE	* *	5	$2,900	
Ceilings								
Exposed Concrete	100%			LIFE	* *	5	$17,000	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : New Painted Surface								

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								
Service Equipment								
Molded Case Bkrs	100%			2026	$2,600	5	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 1,200 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2026	$50,900	5	$2,100	
Raceway								
Conduit	100%			2026	$9,800	1		
Panelboards								
Molded Case Bkrs	100%			2025	$31,200	5	$2,100	
Wiring								
Braided Cloth	10%	2-4	$2,100	2051	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	90%			2026	$19,200	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
HID	100%			2021	$669,600	10	$2,600	
Exterior Lighting								
HID	100%			2021	$309,400	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

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
Alarm								
Security System								
No Component	90%							
Generic	10%			2021	$24,800	1	$2,900	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Entry And Exit Point								
Explanation : CCTV Surveillance Camera System Is Functional								

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2036	* *	1		
Conversion Equipment								
Radiant Heater	5%			2021	$68,000	2	$1,800	
No Component	95%							
Air Conditioning								
Energy Source								
Electricity	100%			2034	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2021	$8,000	1		
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2036	* *	1		
No Component	95%							
Water Heater								
Electric	5%			2021	$3,400	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **19-Oct-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	: **Roof, Floors 1,2,3,4,5,6,7**		
Block	: **3189** **Lot** : **9**	**BIN**	: **2014125**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$74,500	$132,600
Interior Architecture	$1,480,300	$146,900
Electrical	$137,100	$118,500
Mechanical	$236,200	$608,400
Total	**$1,928,100**	**$1,006,400**
Importance Code A	$203,900	$132,600
Importance Code B	$1,542,400	$873,800
Importance Code C	$181,800	
Total	**$1,928,100**	**$1,006,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$83,300		$12,500	
Interior Architecture	$54,200			$800
Electrical	$16,800	$15,700	$16,700	$16,900
Mechanical	$6,100	$5,600	$38,500	$2,800
Site Enclosure	$300			
Elevators/Escalators	$13,800	$13,800	$13,800	$13,800
Total	**$174,500**	**$35,200**	**$81,500**	**$34,400**
Importance Code A	$84,000		$13,500	
Importance Code B	$35,900	$35,200	$68,000	$34,400
Importance Code C	$54,500			
Total	**$174,500**	**$35,200**	**$81,500**	**$34,400**

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
JEROME 190TH ST. GARAGE
Asset # : 175

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%	0-2	$17,300	LIFE	* *	5	$29,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	17%	0-2	$31,500	LIFE	* *	5	$20,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	60%	Now	$26,500	2038	* *	5	$132,600	
Corrosion/Rusting, Extent : Severe, Area Affected : 5%								
Location : 7th Floor Bulkhead - At Base Of Wall								
Metal Sect. OHD	5%			2033	* *	5	$18,400	
Granite Panels	10%			LIFE	* *	5	$8,800	
Pre-Cast Concrete	3%			LIFE	* *	5	$11,500	
Windows								
Steel	20%	Now	$74,500	2053	* *	5	$7,500	
Deteriorated Finish, Extent : Moderate, Area Affected : 35%								
Location : Stairs, 1st Floor Spaces And Bulkhead								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Stairs And Throughout								
Other Observation, Extent : Light, Area Affected : 50%								
Location : At Grade								
Explanation : Protective Metal Grilles								
No Component	80%							
Parapets								
Cast in Place Concrete	40%	Now	$5,500	LIFE	* *	5	$8,500	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : 7th Floor Roof Deck Walls								
Masonry: Brick	10%			LIFE	* *	5	$200	
Metal Panel	45%			2038	* *	5	$3,600	
Metal Rail	5%			2033	* *	5-10	$1,900	
Roof								
Asphalt Macadam	95%	0-2	$2,500	2033	* *	5	$1,200	
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Drains Inad/Misposn, Extent : Severe, Area Affected : 10%								
Location : Parking Spaces 401 And 403 - 7th Floor Deck								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Metal Panel	5%			2033	* *	10	$300	
Interior								

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

DEPARTMENT OF TRANSPORTATION - 841

JEROME 190TH ST. GARAGE

Asset # : 175

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Macadam	88%	0-2	$311,400	2041	* *	5	$73,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : At Floor Drains And Water Drain Lines - Levels1, 2, 2.5, 3 And Grid Columns C-5, D-3								
Explanation : Ponding/ Erosion/ Heaving								
Cast in Place Concrete	10%	0-2	$36,300	LIFE	* *	5	$73,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : 1st Level								
Vinyl Tile	2%	0-2	$59,400	2038	* *	3	$2,500	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	50%	0-2	$181,800	LIFE	* *			
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 10%								
Location : At Main Entrance And Throughout								
Concrete Masonry Unit	25%	0-2	$31,900	LIFE	* *	5	$11,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout Stairwell								
Masonry: Brick	15%			LIFE	* *			
SGFT/Glazed Masonry	10%	0-2	$22,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout First Floor Offices								
Ceilings								
Exposed Concrete	95%	Now	$891,400	LIFE	* *	5	$33,200	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Level 1								
Diagonal Cracks, Extent : Severe, Area Affected : 3%								
Location : Grid D-3 Beam								
Staining/Discoloring, Extent : Moderate, Area Affected : 15%								
Location : Various Locations Throughout								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Level 6.5 At Spots 335-337 And Level 6 Spots 330, 313								
Gypsum Board	5%			LIFE	* *	5	$14,000	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2038	* *			
Free Standing Walls								
Cast in Place Concrete	50%	Now	$300	2048	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 15%								
Location : West Wall - Rear Yard								
Masonry: Fieldstone	50%			2028	$19,400			
Site Pavements								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2041	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2033	* *			

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								
Service Equipment								
Fused Disc Sw	100%			2028	$5,000	5	$600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Next To Main Office								
Explanation : Main Service Disconnect Switch Rated At 600 Amperes								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2028	$76,400	5	$3,900	
Raceway								
Conduit	90%			2028	$14,100	1		
Conduit	10%			2048	* *	1		
Panelboards								
Molded Case Bkrs	10%			2044	* *	5	$400	
Molded Case Bkrs	90%			2027	$42,100	5	$3,500	
Wiring								
Thermoplastic	90%			2028	$30,700	1		
Thermoplastic	10%			2048	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$2,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Mens Toilet Room								
Explanation : Connected To Metal Water Pipe.								
Lighting								
Interior Lighting								
Fluorescent	4%			2033	* *	10	$5,500	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Offices								
Fluorescent	96%			2033	* *	10	$131,600	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Garage								
Egress Lighting								
Exit, Service	100%			2033	* *	1		
Exterior Lighting								
HID	100%			2033	* *	10	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Outside								
Explanation : 17 HID Light Fixtures Controlled By Timer Switch								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Alarm								
Security System								
Generic	100%			2033	* *	1	$55,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor								
Explanation : 7 CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2033	* *	1-3	$94,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Smoke Detector, Strobe Lights, Alarm Bells, Manual Pull Station								

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%			2038	* *	1		
Conversion Equipment								
Radiant Heater	5%			2023	$129,300	2	$3,500	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Office And Restrooms								
Explanation : 6 Units								
No Component	95%							
Air Conditioning								
Energy Source								
Electricity	100%			2036	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2023	$15,200	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	2%			LIFE	* *	2-5	$1,700	
No Component	98%							
Exhaust Fans								
Interior	3%			2028	$15,600	2	$100	
No Component	97%							
Plumbing								
H/C Water Piping								
Brass/Copper	5%			2038	* *	1		
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
JEROME 190TH ST. GARAGE
Asset # : 175

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	3%			2026	$3,900	4		
Other Observation, Extent : Light, Area Affected : 3%								
Location : Staff Restroom								
Explanation : 1 Unit								
Electric	2%			2021	$2,600	4		
Other Observation, Extent : Light, Area Affected : 2%								
Location : Public Mens Room								
Explanation : 1 Unit								
No Component	95%							
Sanitary Piping								
Cast Iron	100%	Now	$106,800	LIFE	* *	1		
Other Observation, Extent : Severe, Area Affected : 10%								
Location : D3 On Level 1, Level 2 1/2, Level 3 1/2, C5 On Level 2								
Explanation : Corroded, Cracked And Clogged								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Geared Traction	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 6th Floor, Roof								
Explanation : 2 Units								
Fire Suppression								
Standpipe								
Generic	100%			2028	$608,400	1-5	$75,400	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **01-Apr-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,2,3**				
Block	: **2453**	**Lot**	: **1**	**BIN**	: **3335960**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$210,300	$36,700
Interior Architecture	$43,600	$36,900
Site Enclosure	$36,300	
Total	**$290,300**	**$73,600**
Importance Code A	$210,300	$36,700
Importance Code B		$36,900
Importance Code C	$79,900	
Total	**$290,300**	**$73,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$126,900			
Interior Architecture	$129,300			$1,000
Electrical	$400	$200	$300	$200
Mechanical	$1,000	$1,600	$1,000	$1,000
Site Enclosure	$600			
Site Pavements	$19,600			
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$281,800**	**$5,700**	**$5,300**	**$6,200**
Importance Code A	$127,500	$300	$600	$300
Importance Code B	$73,400	$5,300	$4,700	$5,800
Importance Code C	$80,800			
Total	**$281,800**	**$5,700**	**$5,300**	**$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
KENT AVENUE BRIDGE COMPLEX GARAGE 1 AND 1A
Asset # : 551

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	4+	$21,600	LIFE	* *	5	$36,700	
Horizontal Cracks, Extent : Light, Area Affected : 1%								
Location : Southeast Facade								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$57,400	
Horizontal Cracks, Extent : Moderate, Area Affected : 1%								
Location : East Facade								
Exposed Struc: Steel	5%	0-2	$71,700	LIFE	* *	5	$5,700	
Corrosion/Rusting, Extent : Moderate, Area Affected : 20%								
Location : Throughout Metal Stairs								
Masonry: Brick	60%	Now	$138,700	LIFE	* *	5	$22,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%								
Location : East Facade								
Spalling, Extent : Moderate, Area Affected : 3%								
Location : Southeast And East Facade								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : Southeast And East Facade								
Metal Panel	5%	Now	$1,400	2050	* *	5	$3,400	
Deformed/Dented, Extent : Severe, Area Affected : 15%								
Location : South Facade								
Windows								
Aluminum	100%	Now	$15,700	2038	* *	5	$1,800	
Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%								
Location : Throughout								
Roof								
Built-Up (BUR)	10%	Now	$26,200	2040	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : West Roof								
Metal Panel	7%	Now	$15,200	2047	* *			
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 5%								
Location : South And North Facades								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Roof								
Metal Panel	83%			2047	* *	10	$28,200	
Soffits								
Metal, Corrugated	75%	Now	$18,200	2040	* *	1		
Corrosion/Rusting, Extent : Severe, Area Affected : 25%								
Location : Throughout Canopies								
Metal Panel	25%			2050	* *	5-10	$4,400	
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
KENT AVENUE BRIDGE COMPLEX GARAGE 1 AND 1A
Asset # : 551

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	75%			LIFE	* *	5	$68,200	
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Ceramic Tile	5%			2039	* *	5	$1,000	
Vinyl Tile	4%	Now	$2,200	2030	$7,400	3	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Worn/Eroded, Extent : Moderate, Area Affected : 20%								
Location : Kitchens								
Vinyl Tile	16%			2030	$29,500	3	$1,700	
Interior Walls								
Cast in Place Concrete	10%	2-4	$28,300	LIFE	* *			
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : East Building First Floor								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : East Building First Floor								
Concrete Masonry Unit	65%	2-4	$32,300	LIFE	* *	5	$11,200	
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Stairwell								
Masonry: Brick	25%	2-4	$43,600	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : East Building								
Vertical Cracks, Extent : Moderate, Area Affected : 2%								
Location : East Building								
Ceilings								
Exposed Concrete	10%	0-2	$1,100	LIFE	* *	5	$300	
Paint Peeling, Extent : Moderate, Area Affected : 10%								
Location : East Building First Floor								
Exposed Struc: Steel	10%			LIFE	* *	10	$3,300	
Exposed Struc: Wood	10%			LIFE	* *	10	$2,500	
Gypsum Board	70%			LIFE	* *	5-10	$39,500	
Site Enclosure								
Fence/Gates								
Iron Picket	100%	0-2	$600	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Impact Damage, Extent : Moderate, Area Affected : 2%								
Location : East Facade								
Free Standing Walls								
Masonry: Brick	100%	Now	$36,300	2040	* *			
Cracking/Crumbling, Extent : Severe, Area Affected : 2%								
Location : West Walls								
Site Pavements								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2035	* *			
Parking/Driveway								
Asphalt	100%	2-4	$19,600	2033	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Electrical Shop								
Explanation : 400 Ampere Main Switch Observed								
Switchgear / Switchboard								
Fused Disc Sw	100%			2040	* *	5	$100	
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Disc Sw	5%			2038	* *	5		
Molded Case Bkrs	95%			2038	* *	5	$300	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2035	* *	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$400	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	$31,700	10	$12,700	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 95%								
Location : Throughout								
T-12 Lamps And Fixtures, Extent : Light, Area Affected : 5%								
Location : Boiler Room								
Egress Lighting								
Emergency, Battery	50%			2030	$9,800	10	$1,700	
Exit, Battery	50%			2030	$6,700	10	$500	

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

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Exterior Lighting								
HID	50%			2030	$27,300	10		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Exterior								
Explanation : Operated Via Photocell								
No Component	50%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$13,100	1	$1,600	
Fire/Smoke Detection								
No Component	30%							
Under Construction	70%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : System Being Replaced								

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	20%			2040	* *	1		
Natural Gas	80%			2040	* *	1		
Conversion Equipment								
Hot Water Boiler	50%			2043	* *	1	$3,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Closer To Water								
Explanation : Serves That Building Only								
Radiant Heater	20%			2035	* *	2	$1,300	
No Component	30%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Building Closer To Street								
Explanation : Served By Steam Boiler Located In Adjacent Building								
Distribution								
Hot Wtr Piping/Pump	80%			2038	* *	4	$800	
Steam Piping/Pump	20%			2040	* *			
Terminal Devices								
Convector/Radiator	10%			2035	* *	1	$500	
Unit Heater - Hot Water	50%			2030	$17,800			
Unit Heater - Steam	40%			2030	$13,600	4	$800	
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Window/Wall Unit	60%			2025	$17,000	1		
No Component	40%							
Ventilation								
Exhaust Fans								
Roof	10%			2025	$2,300	2		
Wall Unit	40%			2030	$1,900	2	$200	
No Component	50%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater								
Electric	50%			2025	$6,000	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Building Closer To Street On 1st Floor								
Explanation : 30 Gallon								
Gas Fired	50%			2025	$4,100	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Of Building Closer To Water								
Explanation : 100 Gallon								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2035	* *	1	$900	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 3rd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$3,900	

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **KENT AVENUE BRIDGE COMPLEX IRON WORKSHOP**
Address : **372 KENT AVENUE**
Borough : **BROOKLYN**
Program / Asset # : **DOT0095.010 / 552**
Area Sq Ft : **13,494**
Date of Survey : **01-Apr-2019**
Areas Surveyed : **Floors 1,2**
Block : **2453** **Lot** : **1**

Agency's Number : **N/A**
Yr Built/Renovated : **1930 /**
Project Type : **HIGHWAYS**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$212,900	
Total	**$212,900**	
Importance Code A	$212,900	
Total	**$212,900**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$33,200		$4,400	
Interior Architecture	$81,000		$900	$300
Electrical	$16,300		$100	
Mechanical	$500	$800	$12,500	$800
Site Pavements	$3,700			
Total	**$134,600**	**$800**	**$17,900**	**$1,100**
Importance Code A	$33,200		$4,400	
Importance Code B	$83,000	$800	$13,500	$1,100
Importance Code C	$18,400			
Total	**$134,600**	**$800**	**$17,900**	**$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
KENT AVENUE BRIDGE COMPLEX IRON WORKSHOP
Asset # : 552

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								
Cast in Place Concrete	3%	Now	$9,900	LIFE	* *	5	$4,200	
Cracking/Crumbling, Extent : Severe, Area Affected : 1%								
Location : North Facade								
Cast Stone/Terra Cotta	10%	Now	$82,600	LIFE	* *	5	$21,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 3%								
Location : South Facade								
Exposed Struc: Steel	3%	2-4	$4,100	LIFE	* *	5	$2,600	
Corrosion/Rusting, Extent : Moderate, Area Affected : 3%								
Location : East Stair								
Masonry: Brick	74%	Now	$130,300	LIFE	* *	5	$20,700	
Diagonal Cracks, Extent : Severe, Area Affected : 2%								
Location : Northwest Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 15%								
Location : Throughout								
Staining/Discoloring, Extent : Moderate, Area Affected : 2%								
Location : East Facade								
Vertical Cracks, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Metal Coiling Doors	10%			2043	* *	5	$8,700	
Windows								
Aluminum	100%			2046	* *	5	$7,100	
Parapets								
Not Accessible	100%							
Roof								
Metal Panel	100%	Now	$15,700	2047	* *			
Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 5%								
Location : Throughout								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Roof								
Soffits								
Metal Panel	100%			2050	* *	5-10		
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	* *	5	$57,400	
Ceramic Tile	3%			2039	* *	5	$600	
Vinyl Tile	7%			2035	* *	3	$500	
Wood	25%	2-4	$17,400	2045	* *	5	$4,700	
Worn/Eroded, Extent : Light, Area Affected : 100%								
Location : Second Floor Woodshop								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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 IRON WORKSHOP
Asset # : 552

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
Interior								
Interior Walls								
Cast in Place Concrete	10%			LIFE	* *	10	$7,200	
Concrete Masonry Unit	20%			LIFE	* *	5	$4,600	
Gypsum Board	5%			LIFE	* *	5-10	$2,500	
Masonry: Brick	65%			LIFE	* *	10	$5,600	
Ceilings								
AcousTileSusp.Lay-In	10%			2043	* *	5	$1,400	
Exposed Concrete	50%			LIFE	* *	5-10	$8,500	
Paint Peeling, Extent : Moderate, Area Affected : 2%								
Location : First Floor								
Exposed Struc: Steel	30%			LIFE	* *	10	$8,200	
Exposed Struc: Wood	5%			LIFE	* *	10	$1,000	
Gypsum Board	5%			LIFE	* *	5-10	$2,300	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%	0-2	$2,100	2035	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Northwest Sidewalk								
Parking/Driveway								
Asphalt	100%	0-2	$1,600	2033	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Fused Knife Sw	50%	4+	$3,900	2055	* *	5	$100	
On Extended Life, Extent : Moderate, Area Affected : 100%								
Location : Near Entry Doorway								
Molded Case Bkrs	50%			2038	* *	5	$200	
Wiring								
Thermoplastic	100%			2040	* *	1		
Motor Controllers								
Locally Mounted	100%			2028	$15,000	5	$100	
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$30,800	10	$12,400	
Exterior Lighting								
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
KENT AVENUE BRIDGE COMPLEX IRON WORKSHOP
Asset # : 552

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	10%			2040	* *	1		
No Component	90%							
Distribution								
Steam Piping/Pump	100%			2040	* *			
Terminal Devices								
Convector/Radiator	20%			2035	* *	1	$900	
Unit Heater - Steam	80%			2035	* *	4	$1,000	
Air Conditioning								
Energy Source								
Electricity	100%			2038	* *	1		
Conversion Equipment								
Window/Wall Unit	20%			2025	$5,500	1		
No Component	80%							
Ventilation								
Exhaust Fans								
Wall Unit	100%			2030	$4,700	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2040	* *	1		
Water Heater								
Electric	100%			2023	$11,600	4	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 2nd Floor Bathroom Closet								
Explanation : 40 Gallons								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2035	* *	1	$800	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2040	* *	1-2	$3,800	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **KENT AVENUE BRIDGE COMPLEX STORAGE AND BOILER ROOM**
Address : **372 KENT AVENUE**
Borough : **BROOKLYN**
Agency's Number : **N/A**
Program / Asset # : **DOT0095.020 / 553**
Yr Built/Renovated : **1930 /**
Area Sq Ft : **2,248**
Project Type : **HIGHWAYS**
Date of Survey : **01-Apr-2019**
Landmark Status : **NONE**
Areas Surveyed : **Floors 1**
Block : **2453** **Lot** : **1** **BIN** :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$74,800	
Interior Architecture	$141,100	
Total	**$215,900**	
Importance Code A	$74,800	
Importance Code B	$141,100	
Total	**$215,900**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$11,700			
Interior Architecture	$38,800			
Electrical	$2,100			
Mechanical	$200	$200	$200	$200
Site Enclosure	$5,600			
Total	**$58,500**	**$200**	**$200**	**$200**
Importance Code A	$11,900	$200	$200	$200
Importance Code B	$8,700			
Importance Code C	$37,800			
Total	**$58,500**	**$200**	**$200**	**$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
KENT AVENUE BRIDGE COMPLEX STORAGE AND BOILER ROOM
Asset # : 553

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								
Masonry: Brick	55%	Now	$74,800	LIFE	* *	5	$2,400	
Diagonal Cracks, Extent : Moderate, Area Affected : 3%								
Location : West Facade								
Horizontal Cracks, Extent : Moderate, Area Affected : 5%								
Location : West Facade								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : West Facade								
Spalling, Extent : Severe, Area Affected : 5%								
Location : West Facade								
Masonry: Brick	45%			LIFE	* *	5	$3,900	
Parapets								
Cast Stone/Terra Cotta	30%			LIFE	* *	5-10	$8,100	
Masonry: Brick	70%			LIFE	* *	5-10	$4,600	
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : East Facade								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : Not Accessible								
Roof								
Not Accessible	100%							
Interior								
Floors								
Cast in Place Concrete	90%			LIFE	* *	5	$13,200	
Wood	10%			2045	* *	5	$600	
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Storage Room								
Interior Walls								
Concrete Masonry Unit	10%	0-2	$300	LIFE	* *	5	$100	
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : West Wall								
Masonry: Brick	21%	Now	$25,300	LIFE	* *			
Horizontal Cracks, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Gymnasium								
Water Penetration, Extent : Moderate, Area Affected : 2%								
Location : Gymnasium								
Masonry: Brick	39%			LIFE	* *	10	$300	
Masonry: Fieldstone	30%	Now	$6,200	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Boiler Room								
Explanation : Water Penetration								

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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 STORAGE AND BOILER ROOM
Asset # : 553

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
Interior								
Ceilings								
Exposed Concrete	100%	Now	$141,100	LIFE	* *	5	$500	
Cracking/Crumbling, Extent : Severe, Area Affected : 25%								
Location : Throughout								
Exposed Reinforcement, Extent : Severe, Area Affected : 2%								
Location : Throughout								
Paint Peeling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Explanation : There Appears To Be A Structural Issue And Beams Are Starting To Fail								
Site Enclosure								
Fence/Gates								
Iron Picket	100%	0-2	$5,600	2050	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 25%								
Location : East Wall								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			

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								
Service Equipment								
Not Accessible	100%							
Switchgear / Switchboard								
Not Accessible	100%							
Raceway								
Conduit	100%			2040	* *	1		
Panelboards								
Not Accessible	100%							
Wiring								
Rubber	100%			2038	* *	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2025	$5,100	10	$2,100	

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%			2040	* *	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 STORAGE AND BOILER ROOM
Asset # : 553

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								
Conversion Equipment								
Radiant Heater	10%			2030	$3,900	2	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Electric Unit Heater								
Steam Boiler	90%			2043	* *	1	$2,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Boiler Room								
Explanation : Serves The Iron Workshop Building And The Carpenters Workshop Building								
Distribution								
Steam Piping/Pump	100%			2040	* *			
Ventilation								
Exhaust Fans								
Wall Unit	10%			2030	$100	2		
No Component	90%							
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)								
Non-Submersible	100%			2025	$300	4	$100	
Backflow Preventer								
Generic	100%			2035	* *	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.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$1,118,100	$2,596,600
Interior Architecture	$885,100	$375,000
Electrical	$552,900	$203,000
Mechanical	$670,800	$3,784,600
Total	**$3,226,900**	**$6,959,200**
Importance Code A	$1,174,600	$2,648,000
Importance Code B	$1,944,000	$4,311,100
Importance Code C	$108,200	
Total	**$3,226,900**	**$6,959,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$7,100	$23,200		
Interior Architecture	$5,700	$11,400		$5,700
Electrical	$12,700	$31,100	$1,300	$1,100
Mechanical	$45,300	$65,800	$30,200	$16,400
Total	**$70,800**	**$131,600**	**$31,400**	**$23,200**
Importance Code A	$8,200	$33,400	$10,000	$10,000
Importance Code B	$62,600	$98,100	$21,500	$13,200
Importance Code C				
Total	**$70,800**	**$131,600**	**$31,400**	**$23,200**

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
MASPETH CENTRAL SHOPS
Asset # : 169

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	* *	5	$37,200	
Concrete Masonry Unit	60%			LIFE	* *	5	$55,700	
Masonry: Brick	25%	Now	$233,800	LIFE	* *	5	$37,200	
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : North Facade								
Metal Coiling Doors	10%			2032	* *	5	$46,500	
Windows								
Steel	100%	Now	$155,000	2035	* *	5	$35,600	
Corrosion/Rusting, Extent : Light, Area Affected : 50%								
Location : Throughout								
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Thermally Inefficient, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Water Penetration, Extent : Severe, Area Affected : 10%								
Location : Clerstory Windows Above South Bay And Stock Room								
Parapets								
Metal: Cage/Fence	10%	Now	$7,100	2032	* *	5	$5,500	
Corrosion/Rusting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Deteriorated Finish, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
No Component	90%							
Roof								
Modified Bitumen	100%	Now	$729,300	2027	$2,431,000			
Blisters, Extent : Moderate, Area Affected : 20%								
Location : South Side And Throughout								
Drains Inad/Misposn, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Ponding, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Above Shops And At Curbs Of Clerstory Windows								
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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	75%	Now	$371,700	LIFE	* *	5	$375,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 25%								
Location : Shops								
Ceramic Tile	5%			2036	* *	5	$11,400	
Vinyl Tile	20%	Now	$405,200	2037	* *	3	$17,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Second Floor Corridor And Offices								
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : Second Floor Corridor And Offices								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Second Floor Corridor And Offices								
Explanation : 9x9 Tiles								
Interior Walls								
Concrete Masonry Unit	75%			LIFE	* *	5	$28,000	
Concrete Masonry Unit	5%	Now	$108,200	LIFE	* *	5	$1,900	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Wall Adjacent To Ramp At 58th Place Entrance								
Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 30%								
Location : Wall Adjacent To Ramp At 58th Place Entrance								
Glass: Single Pane	5%			LIFE	* *	5	$3,500	
Gypsum Board	5%			LIFE	* *	5	$2,800	
Masonry: Brick	10%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	10%			2032	* *	5	$22,900	
Exposed Concrete	60%			LIFE	* *	5	$21,400	
Exposed Struc: Steel	10%			LIFE	* *			
Plaster	20%			LIFE	* *	5	$28,600	

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								
Service Equipment								
Fused Disc Sw	25%			2027	$1,300	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 3								
Explanation : One 225 Amperes Main Disconnect Switch								
Fused Disc Sw	25%			2027	$1,300	5	$100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 2								
Explanation : One 600 Ampere Main Disconnect Switch								
Fused Disc Sw	50%			2027	$2,500	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room 1								
Explanation : One 3,000 Ampere Main Disconnect Switch								

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
MASPETH CENTRAL SHOPS
Asset # : 169

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								
Switchgear / Switchboard								
Fused Disc Sw	80%			2027	$61,100	5	$400	
Molded Case Bkrs	20%			2027	$15,300	5	$600	
Raceway								
Conduit	100%			2027	$15,600	1		
Panelboards								
Fused Disc Sw	5%			2026	$2,300	5	$100	
Molded Case Bkrs	95%			2026	$44,400	5	$2,800	
Wiring								
Braided Cloth	30%	2-4	$10,200	2052	* *	1		
Insulation Aged, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Thermoplastic	70%			2027	$23,800	1		
Motor Controllers								
Locally Mounted	100%			2025	$97,500	5	$800	
Ground								
Grounding Devices								
Generic	50%			LIFE	* *	5	$800	
Generic	50%			LIFE	* *	5	$800	
Lighting								
Interior Lighting								
Fluorescent	98%			2032	* *	10	$100,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : T-8 Lamps								
HID	2%			2032	* *	10	$100	
Egress Lighting								
Emergency, Battery	50%			2022	$78,600	10	$13,500	
Exit, Service	50%			2022	$15,700	1		
Exterior Lighting								
Incandescent	100%			2022	$373,700	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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Natural Gas	20%			2037	* *	1		
Interruptible Gas/Dual Fuel	80%			2037	* *	1		
Conversion Equipment								
Furnace	20%			2027	$51,400	1	$11,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : 2 Rooftop Package Units								
Steam Boiler	80%	Now	$56,500	2032	* *	1	$79,700	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Control Panel								
Other Observation, Extent : Light, Area Affected : 80%								
Location : 1st Floor Boiler Room								
Explanation : 2 Units								
Distribution								
Central Plant Steam Piping/Pmp	80%			2027	$1,478,700	4	$4,400	
No Component	20%							
Terminal Devices								
Air Handler	40%	Now	$614,300	2037	* *	1	$24,900	
Not in Service, Extent : Severe, Area Affected : 30%								
Location : Roof								
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Roof								
Explanation : 12 Damaged And Corroded Old Units								
Convector/Radiator	10%			2032	* *	1	$3,600	
Fan Coil Unit/Heat	30%			2027	$490,700	1	$10,800	
No Component	20%							
Air Conditioning								
Energy Source								
Electricity	100%			2035	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2027	$273,500	2	$1,400	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Roof								
Explanation : 2 Rooftop Package Units								
Window/Wall Unit	10%			2022	$22,800	1		
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	Now	$20,100	LIFE	* *	2-5	$62,400	
Damaged, Extent : Moderate, Area Affected : 5%								
Location : Auto Repair Shop								
Needs Cleaning, Extent : Moderate, Area Affected : 100%								
Location : Throughout								

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*** 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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Roof	100%	Now	$18,100	2027	$181,300	2	$2,700	
Not in Service, Extent : Severe, Area Affected : 15%								
Location : Roof								
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2037	* *	1		
Galvanized Steel	50%			2025	$239,600	1		
Water Heater								
Electric	5%			2025	$4,800	4		
Gas Fired	40%			2022	$26,600	2	$700	
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	$1,069,400	1-2	$31,300	

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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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **QUEENS FAMILY COURT GARAGE**
Address : **150-07 ARCHER AVENUE**
Borough : **QUEENS**
Program / Asset # : **DOT0207.000 / 14320**
Area Sq Ft : **74,000**
Date of Survey : **24-May-2018**
Areas Surveyed : **Floors 1,2,3,4,5**
Block : **10092** **Lot** : **6**

Agency's Number : **N/A**
Yr Built/Renovated : **1990 /**
Project Type : **HIGHWAYS**
Landmark Status : **NONE**
BIN : **4215603**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Interior Architecture	$1,147,200	$165,300
Electrical		$948,500
Total	**$1,147,200**	**$1,113,800**
Importance Code B	$1,147,200	$1,113,800
Total	**$1,147,200**	**$1,113,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture		$22,400		$7,300
Interior Architecture	$7,300	$5,300	$300	
Electrical	$800	$1,800	$800	$2,000
Mechanical	$500		$500	$6,300
Site Pavements	$6,400			
Elevators/Escalators	$4,900	$4,900	$4,900	$4,900
Total	**$19,900**	**$34,400**	**$6,500**	**$20,600**
Importance Code A		$22,400		$8,100
Importance Code B	$16,800	$12,000	$6,500	$12,500
Importance Code C	$3,200			
Total	**$19,900**	**$34,400**	**$6,500**	**$20,600**

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
QUEENS FAMILY COURT GARAGE
Asset # : 14320

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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%			2049	* *	5-10	$9,600	
Metal Sect. OHD	2%			2042	* *	5	$1,700	
Metal: Cage/Fence	25%			2042	* *	5	$30,400	
Window Wall	5%			2049	* *	5	$5,200	
Parapets								
Cast in Place Concrete	20%			LIFE	* *	5	$4,100	
Masonry: Brick	10%			LIFE	* *	5	$200	
Metal: Cage/Fence	70%			2042	* *	5-10	$10,800	
Roof								
Cast in Place Concrete	95%			LIFE	* *			
Single Ply Membrane	5%			2034	* *	10	$2,100	
Interior								
Floors								
Asphalt Poured	21%			2042	* *	5	$10,600	
Cast in Place Concrete	75%	4+	$41,000	LIFE	* *	5	$165,300	
Horizontal Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	2%	Now	$4,100	2032	* *	5	$1,000	
Cracking/Crumbling, Extent : Moderate, Area Affected : 5%								
Location : Toilet								
Worn/Eroded, Extent : Moderate, Area Affected : 100%								
Location : Toilet								
Vinyl Tile	2%			2029	$17,900	3	$800	
Interior Walls								
Cast in Place Concrete	25%	Now	$3,200	LIFE	* *			
Vertical Cracks, Extent : Moderate, Area Affected : 5%								
Location : Toilet								
Water Penetration, Extent : Moderate, Area Affected : 5%								
Location : Toilet								
Concrete Masonry Unit	75%			LIFE	* *	5	$2,900	
Ceilings								
Exposed Struc: Steel	100%	Now	$1,106,200	LIFE	* *			
Corrosion/Rusting, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Site Pavements								

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

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	75%	4+	$2,300	2042	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Sinking/Subsiding, Extent : Light, Area Affected : 2%								
Location : West Side								
Pavers/Stone	25%	0-2	$4,100	2032	* *			
Sinking/Subsiding, Extent : Light, Area Affected : 10%								
Location : North Side								
Parking/Driveway								
Cast in Place Concrete	100%			2042	* *			

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								
Service Equipment								
Fused Disc Sw	100%			2039	* *	5	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room Lower Level								
Explanation : One 800 Ampere								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2039	* *	5	$1,900	
Raceway								
Conduit	100%			2039	* *	1		
Panelboards								
Fused Disc Sw	10%			2037	* *	5	$200	
Molded Case Bkrs	90%			2037	* *	5	$1,800	
Wiring								
Thermoplastic	100%			2039	* *	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$1,100	
Lighting								
Interior Lighting								
Fluorescent	10%			2029	$15,400	10	$6,200	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Office,Bathroom And Electrical Room								
HID	90%			2029	$516,200	10	$2,000	
Egress Lighting								
Emergency, Battery	75%			2029	$71,000	10	$12,200	
Exit, Service	25%			2029	$4,700	1		
Exterior Lighting								
HID	100%			2029	$291,300	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
QUEENS FAMILY COURT GARAGE
Asset # : 14320

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
Alarm								
Security System								
No Component	70%							
Generic	30%			2029	$70,000	1	$8,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside And Outside								
Explanation : 16 CCTV Surveillance Cameras								

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Radiant Heater	5%			2024	$600	2		
Other Observation, Extent : Light, Area Affected : 2%								
Location : Pay Booths								
Explanation : 2 Units								
No Component	95%							
Distribution								
Ductwork/Diffusers	3%			LIFE	* *	2-5		
No Component	97%							
Terminal Devices								
Fan Coil Unit/Heat	3%			2029		1		
No Component	97%							
Air Conditioning								
Energy Source								
Electricity	100%			2037	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	3%			2027	$19,500	2	$100	
R-22 Refrigerant, Extent : Light, Area Affected : 3%								
Location : Office								
Other Observation, Extent : Light, Area Affected : 3%								
Location : Office								
Explanation : 1 Unit - Providing Both Heating and Cooling For Office Only								
Window/Wall Unit	2%			2024	$2,700	1		
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	5%			2029	$300	2	$2,300	
No Component	95%							
Plumbing								
H/C Water Piping								
Brass/Copper	3%			2039	* *	1		
No Component	97%							

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Plumbing								
Water Heater								
Electric	5%			2024	$2,900	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	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Ground To Sixth Floor							
	Explanation : 1 Unit							
Fire Suppression								
Standpipe								
Generic	100%			2039	* *	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Exterior Architecture		$453,700
Interior Architecture		$748,300
Mechanical	$29,200	$920,100
Total	**$29,200**	**$2,122,100**
Importance Code A		$453,700
Importance Code B	$29,200	$1,668,400
Total	**$29,200**	**$2,122,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture		$22,100		
Interior Architecture	$4,500		$800	
Electrical	$4,200	$4,200	$6,000	$7,800
Mechanical	$11,300	$44,300	$32,800	$44,300
Elevators/Escalators	$9,900	$9,900	$9,900	$9,900
Total	**$29,800**	**$80,400**	**$49,500**	**$62,000**
Importance Code A		$40,100	$500	$18,000
Importance Code B	$28,700	$40,300	$49,000	$44,000
Importance Code C	$1,100			
Total	**$29,800**	**$80,400**	**$49,500**	**$62,000**

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
STATEN ISLAND COURTHOUSE GARAGE
Asset # : 14557

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	7%			LIFE	* *	5	$41,200	
Cast in Place Concrete	70%			LIFE	* *	5	$412,500	
Masonry: Limestone	3%			LIFE	* *	5	$2,700	
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	$21,300	
Roof								
Cast in Place Concrete	100%			LIFE	* *			
Interior								
Floors								
Cast in Place Concrete	96%			LIFE	* *	5	$703,300	
Ceramic Tile	2%			2036	* *	5	$6,700	
Vinyl Tile	2%			2032	* *	3	$2,500	
Interior Walls								
Cast in Place Concrete	80%			LIFE	* *			
Ceramic Tile	2%			2036	* *	5	$2,200	
Concrete Masonry Unit	10%			LIFE	* *	5	$4,400	
Gypsum Board	2%			LIFE	* *	5	$1,300	
Metal: Cage/Fence	6%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2040	* *	5	$15,100	
Exposed Concrete	95%			LIFE	* *	5	$45,000	

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								
Service Equipment								
Fused Disc Sw	100%			2053	* *	5	$1,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : One 1200 Amperes Main Disconnect Switch								
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2044	* *	5	$1,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$3,300	
Lighting								
Interior Lighting								
Fluorescent	10%			2035	* *	10	$20,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Office, Staircase, Mechanical Room And Electrical Room								
Explanation : T-8 Lamps								
HID	90%			2035	* *	10	$6,500	
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$27,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Emergency Battery Power Supplies - Lighting And Elevators								
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Energy Source								
Electricity	100%			2053	* *	1		
Conversion Equipment								
Heat Pump Air Sourced	40%			2028		2	$27,700	
Radiant Heater	60%			2032	* *	2	$62,300	
Other Observation, Extent : Light, Area Affected : 60%								
Location : Garage Office And Restrooms								
Explanation : Electric Base Board And Unit Heaters								
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.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

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

Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Heat Pump Air Sourced	40%			2028	$864,600	2	$5,500	
No Component	60%							
Terminal Devices								
Fan Coil - 4 Pipe	40%			2032	* *	1	$28,900	
No Component	60%							
Heat Rejection								
Dry Cooler	40%			2032	* *	2	$62,300	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Garage Office And Elevator Equipment Room								
Explanation : Split Unit Condensers								
No Component	60%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$124,800	
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	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Northeast Corner Of Garage								
Explanation : 2 Units								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **STATEN ISLAND SIGN SHOP**
Address : **34 WAVE STREET BTWN BAY ST. - S.I. RAILWAY**
Borough : **STATEN ISLAND**
Program / Asset # : **DOT0219.000 / 14717**
Area Sq Ft : **12,800**
Date of Survey : **22-May-2018**
Areas Surveyed : **Floors 1**
Block : **489** **Lot** : **48**

Agency's Number : **N/A**
Yr Built/Renovated : **1951 /**
Project Type : **HIGHWAYS**
Landmark Status : **NONE**
BIN : **5013187**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$105,900	$85,700
Interior Architecture	$43,800	$44,100
Total	**$149,700**	**$129,800**
Importance Code A	$105,900	$85,700
Importance Code B	$43,800	$44,100
Total	**$149,700**	**$129,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$46,800	$3,100		
Interior Architecture	$21,500	$700		$100
Electrical	$200	$200	$300	$26,400
Mechanical	$2,200	$1,800	$2,900	$1,700
Total	**$70,700**	**$5,800**	**$3,200**	**$28,200**
Importance Code A	$47,700	$4,000	$1,000	$1,000
Importance Code B	$2,200	$1,800	$2,300	$27,200
Importance Code C	$20,700			
Total	**$70,700**	**$5,800**	**$3,200**	**$28,200**

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
STATEN ISLAND SIGN SHOP
Asset # : 14717

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	10%	Now	$17,000	LIFE	* *	5	$2,500	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Masonry: Brick	85%	Now	$105,900	LIFE	* *	5	$33,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Front Facade								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : North Side Alley								
Metal Coiling Doors	5%			2042	* *	5	$6,200	
Windows								
Aluminum	100%			2045	* *	5	$2,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	* *	5	$4,300	
Masonry: Brick	90%	Now	$29,800	LIFE	* *	5	$4,900	
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Jnt Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : Front Facade								
Roof								
Roll Roofing	100%			2025	$85,700	5	$33,200	
Interior								
Floors								
Cast in Place Concrete	95%	0-2	$43,800	LIFE	* *	5	$44,100	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Quarry Tile	1%			2042	* *	5	$300	
Vinyl Tile	4%	0-2	$800	2034	* *	3	$300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior Walls								
Cast in Place Concrete	5%			LIFE	* *			
Concrete Masonry Unit	95%	Now	$20,700	LIFE	* *	5	$7,200	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vertical Cracks, Extent : Moderate, Area Affected : 10%								
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
STATEN ISLAND SIGN SHOP
Asset # : 14717

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
Interior								
Ceilings								
AcousTileSusp.Lay-In	5%			2042	* *	5	$1,100	
Exposed Struc: Wood	95%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Mid Span								
Explanation : Repair Of Bow String Truss								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2049	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	* *			
Parking/Driveway								
Cast in Place Concrete	100%			2042	* *			

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								
Service Equipment								
Fused Disc Sw	100%			2029	$1,500	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Garage								
Explanation : Two 400 Ampere Main Disconnect Switches								
Raceway								
Conduit	100%			2029	$3,900	1		
Panelboards								
Fused Disc Sw	5%			2028	$400	5		
Molded Case Bkrs	95%			2028	$7,400	5	$300	
Wiring								
Thermoplastic	100%			2029	$8,500	1		
Motor Controllers								
Locally Mounted	100%			2027	$15,000	5	$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$200	
Lighting								
Interior Lighting								
LED	100%			2039	* *			
Egress Lighting								
Emergency, Battery	50%			2024	$9,000	10	$1,500	
Exit, Service	50%			2024	$1,800	1		
Exterior Lighting								
LED	100%			2039	* *			
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
STATEN ISLAND SIGN SHOP
Asset # : 14717

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
Alarm								
Security System								
No Component	80%							
Generic	20%			2029	$8,100	1	$1,000	
Fire/Smoke Detection								
No Component	90%							
Generic, Analog	10%			2024	$13,800	1-3	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Gas Pump Outside								
Explanation : Only To The Gas Pump								

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%			2055	* *	1		
Conversion Equipment								
Furnace	50%			2034	* *	1	$3,200	
Steam Boiler	50%			2046	* *	1	$6,300	
Distribution								
Central Plant Steam Piping/Pmp	100%			2049	* *	4	$900	
Terminal Devices								
Convector/Radiator	100%			2042	* *	1	$4,100	
Air Conditioning								
Energy Source								
Electricity	100%			2045	* *	1		
Conversion Equipment								
Window/Wall Unit	5%			2027	$1,300	1		
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$7,100	
Exhaust Fans								
Interior	100%			2034	* *	2	$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2049	* *	1		
Water Heater								
Gas Fired	100%			2027	$7,600	2	$200	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Not Accessible	100%							
Sump Pump(s)								
Non-Submersible	100%			2034	* *	4	$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
STATEN ISLAND SIGN SHOP
Asset # : 14717

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								
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2049	* *	1-2	$3,600	

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.*

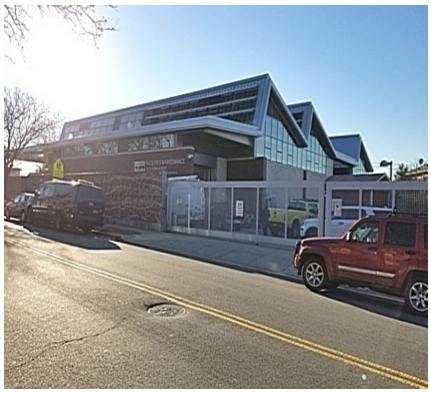
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **19-Dec-2018**			**Landmark Status**	: **NONE**
Areas Surveyed	: **Floors 1,2**				
Block	: **11368**	**Lot**	: **20**	**BIN**	: **4863171**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Interior Architecture	$46,500	$46,500
Electrical		$269,900
Total	**$46,500**	**$316,500**
Importance Code B	$46,500	$316,500
Total	**$46,500**	**$316,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$28,200			
Interior Architecture	$75,900	$6,800	$7,000	
Electrical	$2,900	$1,700	$1,700	$2,100
Mechanical	$23,600	$3,600	$5,700	$3,600
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$134,500**	**$16,000**	**$18,400**	**$9,700**
Importance Code A	$29,400	$1,200	$1,200	$1,200
Importance Code B	$65,500	$14,800	$13,100	$8,500
Importance Code C	$39,500		$4,100	
Total	**$134,500**	**$16,000**	**$18,400**	**$9,700**



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

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	25%			LIFE	* *	5		
Masonry: Brick Cavity	27%			LIFE	* *	5		
Metal Panel	10%			2056	* *	5-10		
Metal Coiling Doors	5%			2047	* *	5		
Pre-Cast Concrete	3%			LIFE	* *	5		
Window Wall	30%			2056	* *	5		
Windows								
Aluminum	95%			2052	* *	5		
Metal Louvers	5%			2043	* *	10		
Roof								
Metal Panel	75%	Now	$28,200	2047	* *			
Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 20%								
Location : Over Offices North Side								
Water Penetration, Extent : Severe, Area Affected : 2%								
Location : Offices On West Facade								
Not Accessible	25%							
Soffits								
Aluminum Sunshades	5%			2043	* *	10		
Metal Panel	95%			2056	* *	5-10		
Interior								
Floors								
Carpet	15%			2031	* *	3	$8,700	
Cast in Place Concrete	55%			LIFE	* *	5	$93,100	
Ceramic Tile	10%			2043	* *	5	$3,900	
Vinyl Tile	20%			2038	* *	3	$2,900	
Interior Walls								
Ceramic Tile	10%			2043	* *	5	$8,300	
Concrete Masonry Unit	50%			LIFE	* *	5	$33,100	
Glass: Single Pane	15%			LIFE	* *	5	$18,600	
Gypsum Board	10%			LIFE	* *	5-10	$14,100	
Masonry: Brick	10%			LIFE	* *	10	$2,500	
SGFT/Glazed Masonry	5%			LIFE	* *	10	$2,100	
Ceilings								
AcousTileSusp.Lay-In	20%			2047	* *	5	$7,700	
Exposed Struc: Steel	40%			LIFE	* *	10	$31,000	
Metal Panel	40%	4+	$5,400	LIFE	* *	5	$19,300	
Water Penetration, Extent : Moderate, Area Affected : 10%								
Location : Ofices At West Side								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	* *			
Other Observation, Extent : Light, Area Affected : 75%								
Location : Perimeter								
Explanation : Actually Welded Wire Mesh								
Iron Picket	25%			2065	* *			

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DEPARTMENT OF TRANSPORTATION - 841

SUNRISE YARD

Asset # : 14436

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Site Enclosure								
Free Standing Walls								
Masonry: Brick	100%			2056	* *			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2043	* *			
On-Site Walkways								
Cast in Place Concrete	100%			2043	* *			
Parking/Driveway								
Asphalt	50%			2039	* *			
Cast in Place Concrete	50%			2043	* *			

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								
Service Equipment								
Fused Disc Sw	70%			2050	* *	5	$100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Disconnect Switch Rated At 400 Amperes.								
Fused Disc Sw	30%			2056	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Electrical Room								
Explanation : Service Disconnect Switch Rated At 200 Amperes Serving The Solar Panels								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2050	* *	5	$700	
Raceway								
Conduit	100%			2050	* *	1		
Panelboards								
Fused Disc Sw	5%			2046	* *	5		
Molded Case Bkrs	95%			2046	* *	5	$600	
Wiring								
Thermoplastic	100%			2050	* *	1		
Motor Controllers								
Locally Mounted	70%			2043	* *	5	$100	
Variable Frequency Drive	30%			2043	* *			
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Lighting								

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DEPARTMENT OF TRANSPORTATION - 841

SUNRISE YARD

Asset # : 14436

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	90%			2035	* *	10	$20,600	
T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Fluorescent	10%			2035	* *	10	$2,300	
Compact Fluorescent Light, Extent : Light, Area Affected : 100%								
Location : Offices								
Egress Lighting								
Emergency, Battery	50%			2035	* *	10	$3,000	
Exit, LED	50%			2058	* *	1		
Exterior Lighting								
HID	30%			2035	* *	10		
No Component	70%							
Alarm								
Security System								
No Component	70%							
Generic	30%			2030	$23,700	1	$2,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Garage And Outside Perimeter								
Explanation : CCTV Surveillance Cameras								
Fire/Smoke Detection								
Generic, Digital	100%			2030	$269,900	1-3	$15,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns								

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%			2056	* *	1		
Conversion Equipment								
Hot Water Boiler	100%			2043	* *	1	$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st Floor Boiler Room								
Explanation : 2 Units								
Distribution								
Hot Wtr Piping/Pump	100%	0-2	$1,900	2046	* *	4	$1,200	
Malfunctioning, Extent : Moderate, Area Affected : 20%								
Location : Building Management System								

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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
Heating								
Terminal Devices								
Air Handler	12%	0-2	$2,100	2035	* *	1	$1,700	
Not in Service, Extent : Severe, Area Affected : 5%								
Location : 1st Floor Lunch Area								
Air Handler	48%			2035	* *	1	$7,400	
No Component	40%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Hot Water Heating Tubes Are Under Ground Surface Of The Shop Area.								
Air Conditioning								
Energy Source								
Electricity	100%			2046	* *	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	20%			2031	* *	2	$300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Office Area								
Explanation : R-407c Refrigerant								
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$22,100	
Exhaust Fans								
Interior	100%			2035	* *	2	$800	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	* *	1		
Water Heater								
Gas Fired	100%			2028	$14,900	2	$400	
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%	0-2	$5,100	LIFE	* *	1		
Blockage /Clogged, Extent : Moderate, Area Affected : 10%								
Location : Under Size Piping, West 88th Street Corner.								
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : 1 Unit								
Fire Suppression								
Standpipe								
Generic	100%			2056	* *	1-5	$12,600	

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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
Fire Suppression								
Sprinkler								
Generic	100%			2050	* *	1-2	$7,000	
Chemical System								
Dry	1%			2025	$300	1-3		
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Gas Station							
	Explanation : 1 Set							
No Component	99%							

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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **14-Sep-2016**
Landmark Status : **NONE**
Areas Surveyed : **Basement, Roof, Floors 1,2**
Block : **3030** **Lot** : **6**
BIN : **2011133**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$349,400	$318,300
Interior Architecture	$4,788,700	$127,500
Electrical		$868,700
Total	**$5,138,100**	**$1,314,400**
Importance Code A	$349,400	$318,300
Importance Code B	$4,353,000	$996,100
Importance Code C	$435,700	
Total	**$5,138,100**	**$1,314,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$53,700			
Interior Architecture	$45,400			$1,000
Electrical	$4,900	$5,200	$5,200	$4,300
Mechanical	$8,300	$4,200	$28,600	$4,200
Elevators/Escalators	$3,900	$3,900	$3,900	$3,900
Total	**$116,200**	**$13,400**	**$37,700**	**$13,500**
Importance Code A	$57,400	$1,100	$2,300	$1,100
Importance Code B	$50,400	$12,200	$35,400	$12,300
Importance Code C	$8,400			
Total	**$116,200**	**$13,400**	**$37,700**	**$13,500**

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

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	65%			LIFE	* *	5	$27,400	
Glass Block	5%	Now	$8,800	LIFE	* *	5	$2,100	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Panel	15%	Now	$15,200	2048	* *	5	$19,000	
Deformed/Dented, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Metal Coiling Doors	10%	Now	$39,900	2041	* *	5	$10,600	
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Throughout								
Pre-Cast Concrete	5%			LIFE	* *	5	$11,000	
Windows								
Fiberglass Panel	90%	Now	$13,800	2044	* *	5	$9,500	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Over Main Shop								
Metal Louvers	10%			2037	* *	10	$3,500	
Parapets								
Concrete Masonry Unit	20%			LIFE	* *	5	$2,400	
Masonry: Brick	25%	Now	$16,000	LIFE	* *	5	$2,700	
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Along Flashing								
Metal Security Bars	30%			2056	* *			
Pre-Cast Concrete	25%			LIFE	* *	5	$16,700	
Roof								
Built-Up (BUR)	35%	Now	$127,300	2028	$318,300			
Alligatoring, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Metal Panel	55%	Now	$83,200	2041	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Fascia At North Side								
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Skylight, Metal/Glass	10%	Now	$99,000	2048	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Interior								

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

Architecture	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	85%	Now	$63,200	LIFE	* *	5	$127,500	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 20%								
Location : Throughout								
Ceramic Tile	3%	2-4	$4,200	2037	* *	5	$1,000	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Vinyl Tile	12%	Now	$29,200	2033	* *	3	$3,100	
Cracking/Crumbling, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Interior Walls								
Concrete Masonry Unit	70%	Now	$367,100	LIFE	* *	5	$31,700	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Glass: Single Pane	5%	Now	$3,500	LIFE	* *	5	$4,200	
Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%								
Location : Conference Room								
Gypsum Board	10%	Now	$4,900	LIFE	* *	5	$6,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
SGFT/Glazed Masonry	15%	Now	$68,600	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Ceilings								
Exposed Struc: Steel	95%	Now	$4,289,800	LIFE	* *			
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Gypsum Board	5%	Now	$3,600	LIFE	* *	5	$4,300	
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 20%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								

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

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								
Service Equipment								
Fused Disc Sw	100%			2038	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Main Service Switch Rated At 2500 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2038	* *	5	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Sections Of Main Distribution Board								
Raceway								
Conduit	100%			2038	* *	1		
Panelboards								
Fused Disc Sw	5%			2036	* *	5	$100	
Molded Case Bkrs	95%			2036	* *	5	$1,200	
Wiring								
Thermoplastic	100%			2038	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	* *	5	$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Connected To Main Water Pipe.								
Lighting								
Interior Lighting								
Fluorescent	15%			2028	$19,700	10	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Offices, Mechanical, Electrical Rooms								
Explanation : Surface Mounted Fluorescent Light Fixtures With T-8 Lamps								
Fluorescent	5%			2028	$6,600	10	$2,100	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Conference Room And Stair Case								
Explanation : Recessed Mounted Compact Fluorescent Light Fixtures								
HID	80%			2028	$38,700	10	$1,200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Repair Shops								
Explanation : Pendant Mounted HID Lights								
Egress Lighting								
Emergency, Battery	50%			2028	$32,600	10	$5,600	
Exit, Service	50%			2028	$2,700	1		
Exterior Lighting								
HID	100%			2028	$182,700	10	$100	
Alarm								

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

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
Alarm								
Security System								
Generic	100%			2028	$146,300	1	$17,300	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Shops And Outside								
Explanation : CCTV Surveillance Camera Systems								
Fire/Smoke Detection								
Generic, Digital	100%			2028	$501,000	1-3	$28,600	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors And Horns								

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	25%			2048	* *	1		
Natural Gas	75%			2048	* *	1		
Conversion Equipment								
Furnace	50%	0-2	$2,700	2033	* *	1	$10,300	
Malfunctioning, Extent : Severe, Area Affected : 10%								
Location : Compressor Not Working Of Unit #5, On The Roof.								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units - Included In AC System								
Radiant Heater	25%			2033	* *	2	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Offices, 1st Floor								
Explanation : 15 Units								
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2044	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%			2033	* *	2	$2,800	
R-22 Refrigerant, Extent : Light, Area Affected : 100%								
Location : AC Units On The Roof								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof								
Explanation : 5 Units								
Terminal Devices								
Air Handler/Cool/Ht	5%	Now	$1,300	2028	$25,400	1	$1,300	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Control System. Penthouse								
No Component	95%							

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

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								
Heat Rejection								
Air Cooled Condenser Unit	5%			2033	* *	2	$1,600	
No Component	95%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$25,900	
Exhaust Fans								
Interior	90%			2033	* *	2	$1,300	
Roof	10%			2033	* *	2	$100	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2045	* *	1		
Water Heater								
Electric	30%			2026	$12,000	4	$100	
Gas Fired	70%			2023	$19,300	2	$500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Mechanical Room, 2nd Floor								
Explanation : One Unit								
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Backflow Preventer								
Generic	100%			2036	* *	1	$2,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : 1st To 2nd Floor								
Explanation : One Unit								
Fire Suppression								
Sprinkler								
Generic	100%			2048	* *	1-2	$13,000	
Fire Pump								
Generic	100%			2037	* *	1	$8,700	

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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	:	**16-Sep-2016**	**Landmark Status**	:	**NONE**
Areas Surveyed	:	**Roof, Floors 1**			
Block	:	**3030** **Lot** : **6**	**BIN**	:	**2100288**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Exterior Architecture	$274,700	
Interior Architecture	$74,700	$135,000
Electrical		$835,200
Mechanical		$8,500
Total	**$349,500**	**$978,600**
Importance Code A	$274,700	$8,500
Importance Code B		$970,200
Importance Code C	$74,700	
Total	**$349,500**	**$978,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Exterior Architecture	$49,200	$8,900	$12,700	
Interior Architecture	$17,100	$2,700		$600
Electrical	$3,900	$4,100	$4,100	$3,400
Mechanical	$21,700	$3,200	$28,700	$3,200
Total	**$91,900**	**$19,000**	**$45,500**	**$7,300**
Importance Code A	$55,200	$10,500	$14,700	$1,600
Importance Code B	$36,700	$6,800	$30,700	$5,600
Importance Code C		$1,700		
Total	**$91,900**	**$19,000**	**$45,500**	**$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
WEBSTER AVENUE YARD STAGING GARAGE AND SIGN SHOP
Asset # : 13606

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	60%			LIFE	* *	5	$25,300	
Water Penetration, Extent : Light, Area Affected : 5%								
Location : Front Main Office Entrance								
Fiberglass Panel	7%			2037	* *	5	$17,700	
Glass Block	5%			LIFE	* *	5	$2,100	
Glazed Ceramic Panel	3%			LIFE	* *	5	$9,500	
Metal Panel	10%			2048	* *	5-10	$46,400	
Metal Coiling Doors	10%	Now	$20,000	2041	* *	5	$10,600	
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Throughout								
Pre-Cast Concrete	5%	Now	$5,800	LIFE	* *	5	$11,000	
Expansion Jnt Failure, Extent : Light, Area Affected : 5%								
Location : Throughout								
Parapets								
Cast in Place Concrete	30%	Now	$4,200	LIFE	* *	5	$32,900	
Expansion Jnt Failure, Extent : Light, Area Affected : 5%								
Location : Throughout								
Masonry: Brick	60%	Now	$19,200	LIFE	* *	5	$6,400	
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Interior Face								
Jnt Mortar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Throughout								
Miss/Damaged Flashings, Extent : Light, Area Affected : 5%								
Location : Throughout								
Metal Security Bars	10%			2056	* *			
Roof								
Built-Up (BUR)	35%	Now	$127,300	2033	* *			
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Throughout								
Water Penetration, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Metal Panel	65%	Now	$147,400	2041	* *			
Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%								
Location : Throughout								
Water Penetration, Extent : Light, Area Affected : 10%								
Location : Throughout								
Interior								
Floors								
Cast in Place Concrete	90%	Now	$13,400	LIFE	* *	5	$135,000	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Ceramic Tile	3%			2037	* *	5	$2,100	
Vinyl Tile	7%			2033	* *	3	$2,400	

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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
WEBSTER AVENUE YARD STAGING GARAGE AND SIGN SHOP
Asset # : 13606

Architecture	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Interior Walls								
Ceramic Tile	3%			2037	* *	5	$3,400	
Concrete Masonry Unit	57%	0-2	$74,700	LIFE	* *	5	$25,800	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								
Glass: Single Pane	5%			LIFE	* *	5	$4,200	
Gypsum Board	10%			LIFE	* *	5	$6,800	
SGFT/Glazed Masonry	25%			LIFE	* *			
Ceilings								
AcousTileSusp.Lay-In	5%			2041	* *	5	$3,400	
Exposed Struc: Steel	85%			LIFE	* *			
Gypsum Board	10%	0-2	$1,400	LIFE	* *	5	$8,600	
Cracking/Crumbling, Extent : Light, Area Affected : 5%								
Location : Throughout								

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2038	* *	5	$200	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : 2- Main Service Switches Rated At 400 Amperes And 600 Amperes.								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2038	* *	5	$1,000	
Raceway								
Conduit	100%			2038	* *	1		
Panelboards								
Fused Disc Sw	5%			2036	* *	5		
Molded Case Bkrs	95%			2036	* *	5	$900	
Wiring								
Thermoplastic	100%			2038	* *	1		
Motor Controllers								
Locally Mounted	100%			2033	* *	5	$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	* *	5	$500	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Water Meter Room								
Explanation : Connected To Metal Water Pipe								
Lighting								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF TRANSPORTATION - 841
WEBSTER AVENUE YARD STAGING GARAGE AND SIGN SHOP
Asset # : 13606

Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Interior Lighting								
Fluorescent	60%			2028	$50,500	10	$20,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Offices								
Explanation : Surface Mounted And Recessed Mounted Fluorescent Light Fixtures With T-8 Lamps								
HID	40%			2028	$125,600	10	$500	
Egress Lighting								
Exit, Service	50%			2028	$5,200	1		
Exit, Battery	50%			2028	$17,700	10	$1,200	
Exterior Lighting								
HID	100%			2028	$145,100	10	$100	
Alarm								
Security System								
Generic	100%			2028	$116,200	1	$13,800	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Inside And Outside								
Explanation : CCTV Surveillance Camera System								
Fire/Smoke Detection								
Generic, Digital	100%			2028	$397,900	1-3	$22,700	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout The Building								
Explanation : Strobe Lights, Smoke Detector, Alarm Bells And Manual Pull Stations								

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	30%			2054	* *	1		
Natural Gas	70%			2054	* *	1		

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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 / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Heating								
Conversion Equipment								
Furnace	80%			2033	* *	1	$14,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Roof - Included In AC System								
Explanation : 3 Units								
Furnace	10%	Now	$4,200	2028	$8,500	1	$1,600	
Not in Service, Extent : Severe, Area Affected : 10%								
Location : 2 Of 4 Not Working (Burn Out) In The Garage Area								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : In The Garage Area								
Explanation : 4 Independent Units. 2 Units (Hv-3 And Hv-4) Out Of 4, Burn Out On The Roof.								
Radiant Heater	10%			2033	* *	2	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Offices On The First Floor								
Explanation : 12 Units								
Air Conditioning								
Energy Source								
Electricity	100%			2050	* *	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	30%	Now	$13,500	2033	* *	2	$500	
Malfunctioning, Extent : Moderate, Area Affected : 100%								
Location : Control System								
R-22 Refrigerant, Extent : Moderate, Area Affected : 100%								
Location : AC Units On Roof								
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	10%	Now	$600	2033	* *	1	$2,100	
Malfunctioning, Extent : Moderate, Area Affected : 10%								
Location : Control System, Roof								
No Component	90%							
Heat Rejection								
Air Cooled Condenser Unit	10%			2033	* *	2	$2,600	
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	* *	2-5	$20,500	
Exhaust Fans								
Interior	70%			2033	* *	2	$800	
Roof	30%			2033	* *	2	$300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2054	* *	1		
Water Heater								
Gas Fired	100%			2023	$21,900	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 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		
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2048	* *	1-2	$10,300	

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$58,000	$182,900
Total	**$58,000**	**$182,900**
Importance Code A		$91,500
Importance Code B	$58,000	$91,500
Total	**$58,000**	**$182,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$79,500	$1,200	$18,600	$1,800
Total	**$79,500**	**$1,200**	**$18,600**	**$1,800**
Importance Code A	$37,200		$9,200	
Importance Code B	$27,000		$9,500	
Importance Code C	$15,300	$1,200		$1,800
Total	**$79,500**	**$1,200**	**$18,600**	**$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

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
Abutments								
Bridge Seat&pedestals								
Concrete	100%	4+	$13,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Backwall								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	70%			LIFE	* *			
Generic	30%	2-4	$26,300	LIFE	* *			
Leakage, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Joint Depressed And Filled With Debris And Dirt								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$58,000	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Honeycombing								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
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		
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	* *			
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Approaches								
Pavement								
Concrete	90%			2036	* *	4	$3,600	
Concrete	10%	2-4	$1,700	2036	* *	4	$3,600	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	50%			LIFE	* *			
Concrete w/ Steel Face	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Embankment								
Generic	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Concrete	95%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Concrete	5%	4+	$6,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Piers								
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$8,500	
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		
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	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Under Construction								
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Concrete	50%	4+	$1,300	2032	* *	5	$1,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	50%			2032	* *	5	$2,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Wearing Surface								
Concrete	80%			2036	* *	5	$8,200	
Concrete	20%	4+	$2,200	2036	* *	5	$4,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	70%			LIFE	* *	5	$2,300	
Concrete	30%	4+	$23,500	LIFE	* *	5	$2,300	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Honeycombing								
Primary Member								
Steel	80%			LIFE	* *	2-8	$85,400	
Steel	20%			LIFE	* *	2-8	$85,400	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								

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

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	$71,500	
Steel	10%			LIFE	* *	2-8	$71,500	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$841,800	$436,400
Total	**$841,800**	**$436,400**
Importance Code A		$233,600
Importance Code B	$531,900	$161,300
Importance Code C	$309,800	$41,500
Total	**$841,800**	**$436,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$116,000		$39,600	$4,000
Total	**$116,000**		**$39,600**	**$4,000**
Importance Code A	$40,600		$23,400	$900
Importance Code B	$18,100		$16,200	
Importance Code C	$57,300			$3,100
Total	**$116,000**		**$39,600**	**$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.
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DEPARTMENT OF TRANSPORTATION - 841

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

Asset # : 2935

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	95%			LIFE	* *			
Concrete	5%	4+	$3,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Backwall								
Concrete	90%			LIFE	* *			
Concrete	10%	4+	$2,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	$16,600	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : End Approach On The Sidewalk								
Explanation : Sidewalk Slabs Are Not At The Same Elevations On Either Side Of The Joint. Joint Popped Out.								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	80%			LIFE	* *			
Concrete	20%	2-4	$531,900	LIFE	* *			
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Honeycombing								
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

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

Asset # : 2935

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	80%	4+	$309,800	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	20%			LIFE	* *			
Masonry	95%			LIFE	* *			
Masonry	5%	4+	$6,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pier Protection								
Concrete	100%	4+	$1,500	LIFE	* *			
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Cracks								
Approaches								
Pavement								
Concrete	90%			2036	* *	4	$6,200	
Concrete	10%	4+	$1,600	2036	* *	4	$6,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	50%			LIFE	* *			
Concrete w/ Steel Face	50%	4+	$10,100	LIFE	* *			
Rust Stains, Extent : Severe, Area Affected : 50%								
Location : Random Locations Throughout								
Settlement, Extent : Severe, Area Affected : 50%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
Sidewalks								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$8,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 8%								
Location : West Approach								
Piers								

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

DEPARTMENT OF TRANSPORTATION - 841

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

Asset # : 2935

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Steel	90%			LIFE	* *	2-8	$64,100	
Steel	10%			LIFE	* *	2-8	$64,100	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	95%			LIFE	* *			
Concrete w/ Steel Face	5%	4+	$5,200	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Northwest Side								
Misaligned/Bulging, Extent : Light, Area Affected : 15%								
Location : North Side								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2036	* *	4	$1,900	
Sidewalks								
Concrete	100%	4+	$11,700	2032	* *	5	$4,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	90%			2036	* *	5	$41,500	
Concrete	10%	4+	$6,400	2036	* *	5	$20,700	
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	* *	5	$10,900	
Concrete	5%	2-4	$21,400	LIFE	* *	5	$10,900	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
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.*

DEPARTMENT OF TRANSPORTATION - 841

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

Asset # : 2935

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Steel	60%			LIFE	* *	2-8	$218,100	
Steel	40%			LIFE	* *	2-8	$218,100	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$182,700	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$452,800	$622,900
Total	**$452,800**	**$622,900**
Importance Code A	$399,600	$120,900
Importance Code B	$53,200	$31,700
Importance Code C		$470,300
Total	**$452,800**	**$622,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$57,000		$8,700	$4,200
Total	**$57,000**		**$8,700**	**$4,200**
Importance Code A	$23,100		$5,600	
Importance Code B	$18,300		$3,200	
Importance Code C	$15,600			$4,200
Total	**$57,000**		**$8,700**	**$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

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

Asset # : 2936

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Underneath Bridge Under Construction								
Backwall								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Underneath Bridge Under Construction								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Underneath Bridge Under Construction								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	80%			LIFE	* *			
Generic	20%	4+	$9,300	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : At West Abutment								
Leakage, Extent : Severe, Area Affected : 40%								
Location : At West Abutment								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Underneath Bridge Under Construction								
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Underneath Bridge Under Construction								

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

DEPARTMENT OF TRANSPORTATION - 841

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

Asset # : 2936

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Accessibility To 50 Percent Of Component								
Pier Protection								
Concrete	100%	4+	$9,000	LIFE	* *			
Exposed Reinforcement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Cracks								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Accessibility To 50 Percent Of Component								
Approaches								
Pavement								
Asphalt	80%			2028	$117,700	4	$2,300	
Asphalt	20%	4+	$5,900	2028	$29,400	4	$2,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Raveling								
Concrete	95%			2036	* *	4	$6,200	
Concrete	5%	4+	$1,600	2036	* *	4	$6,200	
Cracks, Extent : Light, Area Affected : 35%								
Location : Random Locations At West Approach								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Near Joint At West Approach								

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

DEPARTMENT OF TRANSPORTATION - 841

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

Asset # : 2936

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	$20,300	LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 50%								
Location : Near Joints At Both Approaches								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Accessibility To 50 Percent Of Component								
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	$64,100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : West Pier								
Explanation : Paint System Failure								
Steel	10%			LIFE	* *	2-8	$64,100	
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Pier,Columns								
Steel	90%			LIFE	* *	2-8	$45,600	
Other Observation, Extent : Light, Area Affected : 50%								
Location : West Pier								
Explanation : Paint System Failure								
Steel	10%			LIFE	* *	2-8	$45,600	
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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		
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	* *			
Rust Stains, Extent : Severe, Area Affected : 50%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Of Component is Under Construction								
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Under Construction	100%							
Wearing Surface								
Concrete	75%			2030	$242,400	5	$21,000	
Concrete	25%	4+	$8,100	2030	$80,800	5	$10,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 percent Of Component is under construction								
Superstructure								
Deck,Structural								
Concrete	50%			LIFE	* *	5	$11,700	
Concrete	50%	2-4	$344,300	LIFE	* *	5	$11,700	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random With Exposed Reinforcement								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Of Component is Under Construction								

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

DEPARTMENT OF TRANSPORTATION - 841

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

Asset # : 2936

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Concrete Encased Steel	60%			LIFE	* *	5	$32,800	
Concrete Encased Steel	40%	4+	$55,300	LIFE	* *	5	$32,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Bottom Flange Of Fascia Girder								
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Of Component is Under Construction								
Secondary Member								
Concrete	75%			LIFE	* *	5	$2,700	
Concrete	25%	4+	$53,200	LIFE	* *	5	$2,700	
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Of Component is Under Construction								

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

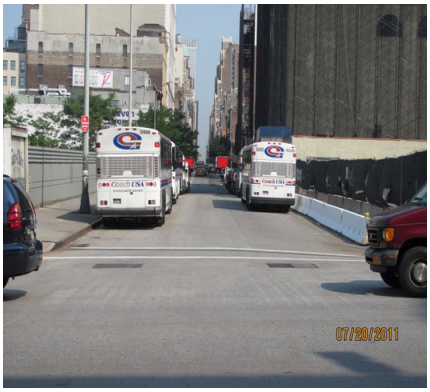
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$179,700	$496,600
Total	**$179,700**	**$496,600**
Importance Code A	$48,200	$248,400
Importance Code B	$37,100	$47,500
Importance Code C	$94,300	$200,700
Total	**$179,700**	**$496,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$89,400	$6,700	$13,100	$1,200
Total	**$89,400**	**$6,700**	**$13,100**	**$1,200**
Importance Code A	$4,100		$8,300	
Importance Code B			$4,800	
Importance Code C	$85,300	$6,700		$1,200
Total	**$89,400**	**$6,700**	**$13,100**	**$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

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

Asset # : 2937

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Generic	20%	0-2	$37,100	LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : At West Abutment								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	$94,300	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Northeast Corner								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2028	$146,400	4	$2,300	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Concrete	100%			2036	* *	4	$100	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Curbs								
Concrete w/ Steel Face	100%	4+	$4,100	LIFE	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : East Approach								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations At West Approach								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Embankment								
Earth	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Earth	20%	4+		LIFE	* *			
Settlement, Extent : Light, Area Affected : 10%								
Location : At Joint At West Approach								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chain Link Fence								
Sidewalks								
Concrete	80%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Concrete	20%	2-4	$16,400	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Settlement, Extent : Severe, Area Affected : 50%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
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		
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	$192,200	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$136,800	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
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	* *			
Rust Stains, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Gratings								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Steel	100%			LIFE	* *	2-8		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Sidewalks								
Concrete	90%			2032	* *	5	$13,400	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Concrete	10%	4+	$8,300	2032	* *	5	$6,700	
Cracks, Extent : Moderate, Area Affected : 20%								
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.*

DEPARTMENT OF TRANSPORTATION - 841

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

Asset # : 2937

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	80%			2036	* *	5	$54,300	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : No Accessibility To 50 Percent Of Component								
Concrete	20%	4+	$33,400	2036	* *	5	$27,200	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Concrete Encased Steel	15%	4+	$48,200	LIFE	* *	5	$82,600	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rust Stains/Exposed Reinf.								
Concrete Encased Steel	85%			LIFE	* *	5	$82,600	
Secondary Member								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Secondary Members Are Embedded In Concrete								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **11TH AVE VIADUCT (RAMP) W.33 ST/AMTRAK 30TH ST.BRANCH**
Address : **WEST 33 STREET**
Borough : **MANHATTAN**
Program / Asset # : **DOT0066.0B0 / 2933**
Area Sq Ft : **16,500**
Date of Survey : **17-Sep-2015**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1934 /**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **224501B**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$126,700	$1,008,800
Total	**$126,700**	**$1,008,800**
Importance Code A	$47,000	$326,600
Importance Code B	$79,700	$368,200
Importance Code C		$314,000
Total	**$126,700**	**$1,008,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$209,500	$6,700	$69,800	$6,300
Total	**$209,500**	**$6,700**	**$69,800**	**$6,300**
Importance Code A	$86,900		$32,800	$4,300
Importance Code B	$11,700		$36,900	
Importance Code C	$110,900	$6,700		$2,000
Total	**$209,500**	**$6,700**	**$69,800**	**$6,300**

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		
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+	$31,100	LIFE	* *			
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Backwall								
Concrete	100%	4+	$33,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Front Face Of Back Wall								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Front Face Of Back Wall								
Rust Stains, Extent : Severe, Area Affected : 30%								
Location : Front Face Of Back Wall								
Brngs,Ancr Blts,Pads								
Steel	70%			LIFE	* *			
Steel	30%	0-2	$24,800	LIFE	* *			
Corrosion, Extent : Severe, Area Affected : 40%								
Location : Random Locations Throughout								
Rust Stains, Extent : Severe, Area Affected : 40%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	85%			LIFE	* *			
Generic	15%	2-4	$9,000	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Leakage, Extent : Severe, Area Affected : 70%								
Location : Random Locations Throughout								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$31,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
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.*

DEPARTMENT OF TRANSPORTATION - 841

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

Asset # : 2933

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Stem (breastwall)								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$79,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Delaminations, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 15%								
Location : Front Face Of Stem Wall								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	$8,000	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Broken/ Missing Elements								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pier Protection								
Concrete	15%	4+	$2,700	LIFE	* *			
Spalling, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Cracks								
Concrete	85%			LIFE	* *			
Approaches								
Pavement								
Asphalt	85%			2028	$220,500	4	$4,000	
Asphalt	15%	2-4	$3,900	2028	$38,900	4	$4,000	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	100%	4+	$8,000	2036	* *	4	$6,200	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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		
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	* *	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Side								
Explanation : Concrete Wall Is On The South Side Of The Bridge								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Side								
Explanation : Steel Fence Is On The North Side Of The Bridge								
Sidewalks								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$2,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Southwest Sidewalk								
Piers								
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$119,700	
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$1,800	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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+	$4,200	2032	* *	5	$6,700	
Cracks, Extent : Light, Area Affected : 5%								
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.*

DEPARTMENT OF TRANSPORTATION - 841

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

Asset # : 2933

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	95%			2036	* *	5	$54,600	
Concrete	5%	4+	$4,200	2036	* *	5	$27,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Recent Repair Evident, Extent : Light, Area Affected : 40%								
Location : Asphalt Repair At Longitudinal Joints								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	* *	5	$16,000	
Other Observation, Extent : Light, Area Affected : 33%								
Location : Center Of Structure								
Explanation : Covered By Timber Shielding								
Concrete	5%	4+	$47,000	LIFE	* *	5	$16,000	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 2%								
Location : Adjacent To Joint In Middle Of The Bridge								
Spalling, Extent : Light, Area Affected : 20%								
Location : Wood Decking In Middle Bay For 5 Spans								
Joints								
Generic	80%			LIFE	* *			
Generic	20%	4+	$18,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Leakage, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Primary Member								
Steel	85%			LIFE	* *	2-8	$305,000	
Steel	15%			LIFE	* *	2-8	$305,000	
Corrosion, Extent : Moderate, Area Affected : 40%								
Location : Random Locations Throughout								
Secondary Member								
Steel	80%			LIFE	* *	2-8	$255,500	
Steel	20%			LIFE	* *	2-8	$255,500	
Rust Stains, Extent : Light, Area Affected : 15%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **02-Sep-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2245010**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$507,300	$888,500
Total	**$507,300**	**$888,500**
Importance Code B	$38,200	
Importance Code C	$469,100	$888,500
Total	**$507,300**	**$888,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$106,600			
Total	**$106,600**			
Importance Code A	$35,300			
Importance Code C	$71,400			
Total	**$106,600**			

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
11TH AVENUE VIADUCT LIRR W. SIDE YARD
Asset # : 2491

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	75%			LIFE	* *			
Generic	25%	4+	$38,200	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Near Sidewalk								
Explanation : Under Construction								
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								
Pavement								
Asphalt	100%			2029	$160,800	4	$3,300	
Concrete	80%			2037	* *	4	$50,100	
Concrete	20%	2-4	$20,100	2037	* *	4	$33,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Scattered Locations Throughout								
Spalling, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 100%								
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.*

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

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2037	* *	4	$8,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Barrier During Construction								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	80%			2037	* *	4	$5,500	
Concrete	20%	4+	$4,300	2037	* *	4	$3,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 80%								
Location : Random Locations Throughout								
Explanation : Under Construction								
Sidewalks								
Concrete	75%			LIFE	* *			
Concrete	25%	4+	$5,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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
11TH AVENUE VIADUCT LIRR W. SIDE YARD
Asset # : 2491

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	70%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 100%								
Location : Random Locations								
Concrete w/ Steel Face	30%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Guide Railing								
Concrete	100%			2041	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Barrier Under Construction								
Railings/Parapets								
Concrete	70%			2037	* *	4	$39,500	
Concrete	30%			2037	* *	4	$39,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Between 30th And 33rd Streets								
Explanation : Area Under Construction								
Steel	100%			LIFE	* *	2-8		
Sidewalks								
Concrete	70%			2033	* *	5	$84,000	
Concrete	30%			2033	* *	5	$84,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Between 30th And 33rd Streets								
Explanation : Under Construction								
Wearing Surface								
Concrete	95%			2037	* *	5	$643,700	
Concrete	5%	2-4	$28,500	2037	* *	5	$321,900	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	70%			LIFE	* *			
Cast Iron	30%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Between 30th And 33rd Streets								
Explanation : Under Construction								
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
11TH AVENUE VIADUCT LIRR W. SIDE YARD
Asset # : 2491

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	70%	4+	$23,300	LIFE	* *			
Joints Missing, Extent : Moderate, Area Affected : 5%								
Location : Scattered Locations Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 5%								
Location : Scattered Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Scattered Locations Throughout								
Explanation : Joint Filler Material Missing								
Generic	30%	0-2	$39,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : At 34th Street								
Leakage, Extent : Moderate, Area Affected : 30%								
Location : At 34th Street (South Section)								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **04-Dec-2017**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2246660**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$899,900	$4,944,400
Total	**$899,900**	**$4,944,400**
Importance Code A		$1,637,800
Importance Code B	$587,600	$2,152,300
Importance Code C	$312,300	$1,154,300
Total	**$899,900**	**$4,944,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$148,800	$15,400	$367,200	
Total	**$148,800**	**$15,400**	**$367,200**	
Importance Code A	$63,800		$151,400	
Importance Code B	$13,600		$215,900	
Importance Code C	$71,400	$15,400		
Total	**$148,800**	**$15,400**	**$367,200**	

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

125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W.125 ST AND OTHERS

Asset # : 2662

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Granite	100%	4+	$19,900	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : At Top Of End Abutment								
Explanation : Missing Mortar								
Backwall								
Granite	75%			LIFE	* *			
Granite	25%	4+	$16,100	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 20%								
Location : End Abutment								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	$13,600	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Cracks In Header Concrete								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Granite	90%			LIFE	* *			
Granite	10%	4+	$322,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 50%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Rust Staining								
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

125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W.125 ST AND OTHERS

Asset # : 2662

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Granite	90%			LIFE	* *			
Granite	10%	4+	$36,300	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 50%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Missing Mortar								
Approaches								
Pavement								
Asphalt	100%	4+	$10,300	2030	$516,600	4	$8,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : At End Abutment								
Concrete	50%			2038	* *	4	$46,300	
Concrete	50%	Now	$20,100	2038	* *	4	$30,800	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%	4+	$7,100	2038	* *	4	$700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Granite	90%			LIFE	* *			
Granite	10%	4+	$26,400	LIFE	* *			
Vegetation Growth, Extent : Light, Area Affected : 90%								
Location : Below Capstone Of Beginning And End Approaches								
Other Observation, Extent : Severe, Area Affected : 90%								
Location : End Approach And Begin Approach								
Explanation : Missing And Broken Element And Missing Mortar								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Asphalt	100%	4+	$24,900	2030	$248,500	4	$8,100	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Northwest Corner								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Steel	90%			LIFE	* *	2-8	$74,800	
Steel	10%	4+	$10,400	LIFE	* *	2-8	$74,800	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Extrados Flanges Of The Bottom Member, And Throughout Latticing								
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$1,969,700	
Rust Stains, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Stem,Solid Pier								
Granite	90%			LIFE	* *			
Granite	10%	4+	$265,600	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Beginning Approach								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Beginning Approach								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Paved Underneath								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Railings/Parapets								
Masonry	100%			2038	* *	5	$1,600	
Steel	100%			LIFE	* *	2-8	$76,900	
Rust Stains, Extent : Light, Area Affected : 5%								
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.*

DEPARTMENT OF TRANSPORTATION - 841

125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W.125 ST AND OTHERS

Asset # : 2662

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	90%			2034	* *	5	$72,300	
Concrete	10%	4+	$44,900	2034	* *	5	$36,200	
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wearing Surface								
Asphalt	100%			2030		5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Span No. 1								
Explanation : At Span No. 1 Only								
Concrete	100%	4+	$194,900	2038	* *	5	$316,900	
Cracks, Extent : Light, Area Affected : 2%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Around Deck Joints								
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Total Of 16 Scuppers								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$138,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Bottom Side Of Slab Covered By Stay-in-place Forms								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$2,632,600	
Corrosion, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$2,297,200	
Corrosion, Extent : Light, Area Affected : 1%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **21ST STREET BRIDGE**		
Address	: **21ST STREET**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0170.000 / 13578**	**Yr Built/Renovated**	:
Area Sq Ft	: **17,590**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **28-Nov-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2247270**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$237,800
Total		**$237,800**
Importance Code B		$53,500
Importance Code C		$184,300
Total		**$237,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$134,700	$4,200	$5,800	
Total	**$134,700**	**$4,200**	**$5,800**	
Importance Code A	$7,300	$4,200	$400	
Importance Code B	$11,100		$5,400	
Importance Code C	$116,300			
Total	**$134,700**	**$4,200**	**$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

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
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+	$11,100	LIFE		* *		
Missing/Damaged Seal, Extent : Light, Area Affected : 5%								
Location : Throughout								
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								
Masonry	50%	4+	$17,200	LIFE		* *		
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Masonry	50%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Not Accessible								
Feature Crossed								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
Not Accessible	100%							
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

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
Approaches								
Pavement								
Asphalt	100%	4+	$9,200	2030	$184,300	4	$2,900	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : East And West End								
Concrete	100%	4+	$25,700	2038	* *	4	$19,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Along Joint Header								
Curbs								
Concrete w/ Steel Face	100%	4+	$2,500	LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Both Approaches								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$8,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$4,800	LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 100%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2038	* *	4	$12,500	
Steel	100%			LIFE	* *	2-8	$11,500	
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%	4+	$13,800	2034	* *	5	$5,500	
Spalling, Extent : Light, Area Affected : 2%								
Location : Near Joints								
Wearing Surface								
Concrete	100%	4+	$21,200	2038	* *	5	$34,600	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Steel	100%	4+	$20,900	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **252ND ST BRIDGE**
Address : **252ND STREET HHP**
Borough : **BRONX**
Program / Asset # : **DOT0211.000 / 14579**
Area Sq Ft : **4,500**
Date of Survey : **28-Aug-2015**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated :
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2229500**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$112,900	$69,200
Total	**$112,900**	**$69,200**
Importance Code B	$112,900	
Importance Code C		$69,200
Total	**$112,900**	**$69,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$12,100			$2,600
Total	**$12,100**			**$2,600**
Importance Code A				$500
Importance Code C	$12,100			$2,200
Total	**$12,100**			**$2,600**

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

252ND ST BRIDGE

Asset # : 14579

Bridge Structure	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								
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+	$36,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
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+	$2,100	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Northwest Corner And Efflorescence Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pier Protection								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Concrete Barrier								
Approaches								
Pavement								
Asphalt	100%	4+	$1,400	2028	$69,200	4	$1,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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		
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	* *			
Rust Stains, Extent : Light, Area Affected : 75%								
Location : Throughout								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Steel	100%			LIFE	* *	2-8	$400	
Timber	100%			2028	$29,200	4	$900	
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+	$76,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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	* *			
Rust Stains, Extent : Light, Area Affected : 75%								
Location : Random Locations Throughout								
Guide Railing								
Steel	100%			LIFE	* *			
Timber	100%			2047	* *			
Railings/Parapets								
Cast Iron	100%			LIFE	* *			
Granite	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$4,000	2032	* *	5	$1,700	
Cracks, Extent : Light, Area Affected : 5%								
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.*

DEPARTMENT OF TRANSPORTATION - 841

252ND ST BRIDGE

Asset # : 14579

Bridge Structure	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								
Wearing Surface								
Concrete	100%	4+	$4,700	2036	* *	5	$8,000	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$2,200	
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Prestressed Concrete Box Beam	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.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **278I NORTH BOUND - BQE EAST LEG 32ND AVENUE TO BQE WEST LEG**
Address : **BQE EAST OVER 32ND AVENUE AT ABOUT 68TH STREET**
Borough : **QUEENS** **Agency's Number** : **N/A**
Program / Asset # : **DOT0231.000 / 14970** **Yr Built/Renovated** : **2004 /**
Area Sq Ft : **31,319** **Project Type** : **HIGHWAY BRIDGES**
Date of Survey : **14-Nov-2018** **Landmark Status** : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2230700**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$423,600	$393,800
Total	**$423,600**	**$393,800**
Importance Code A	$310,000	$310,000
Importance Code C	$113,600	$83,800
Total	**$423,600**	**$393,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$154,100		$46,500	
Total	**$154,100**		**$46,500**	
Importance Code A	$126,600		$44,700	
Importance Code B	$22,000		$1,900	
Importance Code C	$5,600			
Total	**$154,100**		**$46,500**	

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

278I NORTH BOUND - BQE EAST LEG 32ND AVENUE TO BQE WEST LEG

Asset # : 14970

Bridge Structure	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	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2058	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
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	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Formliner								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway								
Pier Protection								
Concrete	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%	4+	$5,600	2039	* *	4	$12,100	
Cracks, Extent : Light, Area Affected : 7%								
Location : Random Locations Throughout								
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

278I NORTH BOUND - BQE EAST LEG 32ND AVENUE TO BQE WEST LEG

Asset # : 14970

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2039	* *	4	$1,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Barrier								
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 25 Percent Concrete								
Steel	100%			LIFE	* *	2-8	$57,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 75 Percent Steel								
Pier,Columns								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2058	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2039	* *	4	$22,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Barrier								
Wearing Surface								
Concrete	100%	4+	$113,600	2039	* *	5	$83,800	
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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

278I NORTH BOUND - BQE EAST LEG 32ND AVENUE TO BQE WEST LEG

Asset # : 14970

Bridge Structure	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								
Deck,Structural								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Stay-in-place Form								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$992,400	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$51,100	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: 278I SOUTH BOUND - BQE EAST LEG 278I NORTH BOUND - BQE WEST LEG		
Address	: BQE SOUTH BOUND OVER NORTH BOUND BQE ABOUT 32ND AVE & 68TH STREET		
Borough	: QUEENS	**Agency's Number**	: N/A
Program / Asset #	: DOT0235.000 / 14975	**Yr Built/Renovated**	: 2003 /
Area Sq Ft	: 20,821	**Project Type**	: HIGHWAY BRIDGES
Date of Survey	: 14-Nov-2018	**Landmark Status**	: NONE
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: 2230720

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$49,000	$104,600
Total	**$49,000**	**$104,600**
Importance Code A	$49,000	$49,000
Importance Code C		$55,600
Total	**$49,000**	**$104,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$130,200		$13,900	
Total	**$130,200**		**$13,900**	
Importance Code A	$28,800		$12,600	
Importance Code B	$44,600		$1,200	
Importance Code C	$56,900			
Total	**$130,200**		**$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

278I SOUTH BOUND - BQE EAST LEG 278I NORTH BOUND - BQE WEST LEG

Asset # : 14975

Bridge Structure	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								
Masonry	100%	4+	$1,500	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : South Abutment								
Explanation : Cracks, 50 Percent Masonry								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Not Accessible								
Backwall								
Concrete	100%	4+	$17,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : South Abutment								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : South Abutment								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Not Accessible								
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2058	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Abutment								
Explanation : 50 Percent Multi-rotational Bearing								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Not Accessible								
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%	2-4	$29,900	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Abutment								
Explanation : 50 Percent Generic								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : South Abutment								
Explanation : 50 Percent Not Accessible								

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

DEPARTMENT OF TRANSPORTATION - 841

278I SOUTH BOUND - BQE EAST LEG 278I NORTH BOUND - BQE WEST LEG

Asset # : 14975

Bridge Structure	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								
Pedestals								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Abutment								
Explanation : 50 Percent Concrete								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : South Abutment								
Explanation : 50 Percent Not Accessible								
Stem (breastwall)								
Masonry	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Abutment								
Explanation : 50 Percent Masonry								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Not Accessible								
Walls								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Not Accessible								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Generic								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : 50 Percent Not Accessible								
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Abutment								
Explanation : 50 Percent Masonry								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Not Accessible								
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

278I SOUTH BOUND - BQE EAST LEG 278I NORTH BOUND - BQE WEST LEG

Asset # : 14975

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway								
Approaches								
Pavement								
Concrete	100%	4+	$6,600	2039	* *	4	$13,200	
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2039	* *	4	$1,700	
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$189,500	
Pier,Columns								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2058	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2039	* *	4	$13,700	
Wearing Surface								
Concrete	100%	4+	$32,900	2039	* *	5	$55,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Stay-in-place Form								

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

DEPARTMENT OF TRANSPORTATION - 841

278I SOUTH BOUND - BQE EAST LEG 278I NORTH BOUND - BQE WEST LEG

Asset # : 14975

Bridge Structure	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%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8		
Secondary Member								
Steel	100%			LIFE	* *	2-8	$34,000	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	:	**278I WEST BOUND BQE CADMAN PLAZA**			
Address	:	**BQE WEST BOUND OVER CADMAN PLAZA**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**N/A**
Program / Asset #	:	**DOT0248.000 / 14988**	**Yr Built/Renovated**	:	
Area Sq Ft	:	**4,464**	**Project Type**	:	**HIGHWAY BRIDGES**
Date of Survey	:	**21-Nov-2018**	**Landmark Status**	:	**NONE**
Areas Surveyed	:				
Block	:	**Lot** :	**BIN**	:	**2230887**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$151,700	
Total	**$151,700**	
Importance Code A	$42,500	
Importance Code B	$64,700	
Importance Code C	$44,400	
Total	**$151,700**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$63,300		$300	
Total	**$63,300**		**$300**	
Importance Code A	$21,500			
Importance Code B	$36,300		$300	
Importance Code C	$5,500			
Total	**$63,300**		**$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

278I WEST BOUND BQE CADMAN PLAZA

Asset # : 14988

Bridge Structure	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								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	6%	4+	$64,700	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Random Locations Throughout								
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : West Abutment								
Explanation : Junction Box Observed								
Concrete	94%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	6%	4+	$44,400	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Random Locations Throughout								
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	94%			LIFE	* *			
Feature Crossed								
Bank Protection								
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

278I WEST BOUND BQE CADMAN PLAZA

Asset # : 14988

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway								
Approaches								
Pavement								
Asphalt	100%	4+	$4,400	2031	* *	4	$3,900	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete	11%	4+	$5,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Concrete	89%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%			LIFE	* *			
Piers								
Stem,Solid Pier								
Concrete	100%	4+	$33,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	5%	4+	$16,100	2050	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	95%			2050	* *			

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

DEPARTMENT OF TRANSPORTATION - 841

278I WEST BOUND BQE CADMAN PLAZA

Asset # : 14988

Bridge Structure	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								
Railings/Parapets								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Rust								
Wearing Surface								
Asphalt	100%	4+	$1,100	2031	* *	5	$2,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%	4+	$42,500	LIFE	* *	5	$4,900	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Joints								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	* *	2-8		
Secondary Member								
Steel	100%			LIFE	* *	2-8	$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.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$506,800	$1,017,800
Total	**$506,800**	**$1,017,800**
Importance Code A	$211,400	$701,500
Importance Code B	$131,800	$94,000
Importance Code C	$163,600	$222,300
Total	**$506,800**	**$1,017,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$82,900		$25,200	
Total	**$82,900**		**$25,200**	
Importance Code A	$20,400		$9,600	
Importance Code B	$51,900		$9,400	
Importance Code C	$10,500		$6,200	
Total	**$82,900**		**$25,200**	

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

31ST STREET BRIDGE

Asset # : 13670

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	$28,200	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Center Lanes, Both Abutments								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	$23,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE	* *			
Concrete	10%	4+	$163,600	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Approaches								
Pavement								
Asphalt	100%	4+	$2,400	2028	$120,800	4	$2,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, 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.*

DEPARTMENT OF TRANSPORTATION - 841

31ST STREET BRIDGE

Asset # : 13670

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	4+	$16,400	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Concrete w/ Steel Face	90%			LIFE	* *			
Concrete w/ Steel Face	10%	4+	$2,900	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Embankment								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	$2,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Piers								
Stem,Solid Pier								
Concrete	60%	4+	$131,800	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 4%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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%							

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

DEPARTMENT OF TRANSPORTATION - 841

31ST STREET BRIDGE

Asset # : 13670

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$1,200	LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$3,900	
Sidewalks								
Concrete	100%	4+	$6,000	2032	* *	5	$3,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%			2028	$101,500	5	$12,400	
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	25%	4+	$211,400	LIFE	* *	5	$303,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	75%			LIFE	* *	5	$303,700	
Primary Member								
Steel	100%			LIFE	* *	2-8	$175,600	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$147,100	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)**
Address : **32ND STREET**
Borough : **QUEENS**
Program / Asset # : **DOT0176.000 / 13710**
Area Sq Ft : **8,100**
Date of Survey : **18-Oct-2016**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1930 / 1982**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2230640**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$139,100	$159,200
Total	**$139,100**	**$159,200**
Importance Code B	$57,900	
Importance Code C	$81,200	$159,200
Total	**$139,100**	**$159,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$45,400		$18,200	
Total	**$45,400**		**$18,200**	
Importance Code A			$300	
Importance Code B	$21,800			
Importance Code C	$23,600		$17,900	
Total	**$45,400**		**$18,200**	

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
32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)
Asset # : 13710

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$14,100	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 80%								
Location : At Both Abutments								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	100%	4+	$57,900	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	$81,200	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Approaches								

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

DEPARTMENT OF TRANSPORTATION - 841
32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)
Asset # : 13710

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	$8,000	2029	$159,200	4	$3,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Both Approaches								
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Both Approaches								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Asphalt 50 Percent; Concrete 50 Percent								
Concrete	100%	4+	$5,000	2037	* *	4	$13,400	
Spalling, Extent : Light, Area Affected : 5%								
Location : Both Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$3,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Piers								
Stem,Solid Pier								
Concrete	5%	4+	$7,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	95%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$3,700	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
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
32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)
Asset # : 13710

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Mono Deck Surface								
Concrete	100%			2048	* *	5	$35,900	
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$3,600	
Sidewalks								
Concrete	100%	4+	$7,400	2033	* *	5	$1,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **35TH STREET 287I B.Q.E**
Address : **35TH STREET BET. ASTORIA BLVD. S AND ASTORIA BLVD. N**
Borough : **QUEENS**
Agency's Number : **N/A**
Program / Asset # : **DOT0232.000 / 14972**
Yr Built/Renovated : **1935 /**
Area Sq Ft : **7,921**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **14-Nov-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2230630**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$85,200	$85,200
Total	**$85,200**	**$85,200**
Importance Code A	$55,100	$55,100
Importance Code B	$30,100	$30,100
Total	**$85,200**	**$85,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$114,300		$10,900	
Total	**$114,300**		**$10,900**	
Importance Code A	$65,700		$5,800	
Importance Code B	$30,900		$3,500	
Importance Code C	$17,800		$1,600	
Total	**$114,300**		**$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

35TH STREET 287I B.Q.E

Asset # : 14972

Bridge Structure	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								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
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)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Paved Roadway							
Pier Protection								
Concrete	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%			2031	* *	4	$3,200	
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
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

35TH STREET 287I B.Q.E

Asset # : 14972

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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%	4+	$7,500	2039	* *	4	$1,500	
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 10 Percent Concrete								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 90 Percent Steel								
Sidewalks								
Concrete	100%	4+	$2,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$213,000	
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$142,200	
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
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

35TH STREET 287I B.Q.E

Asset # : 14972

Bridge Structure	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								
Railings/Parapets								
Concrete	100%	4+	$23,400	2039	* *	4	$4,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 5 Percent Concrete								
Steel	100%			LIFE	* *	2-8	$10,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 95 Percent Steel								
Sidewalks								
Concrete	100%	4+	$7,000	2035	* *	5	$2,900	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	$8,600	2039	* *	5	$14,500	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Steel	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8		
Secondary Member								
Steel	100%			LIFE	* *	2-8	$12,900	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **3RD AVE. BRIDGE**
Address : **3RD AVE. OVER LIRR BAY RIDGE**
Borough : **BROOKLYN**
Program / Asset # : **DOT0165.000 / 13573**
Area Sq Ft : **17,230**
Date of Survey : **11-Dec-2017**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1914 /**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2243320**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$94,200	$720,800
Total	**$94,200**	**$720,800**
Importance Code A		$170,500
Importance Code B	$56,200	
Importance Code C	$38,000	$550,200
Total	**$94,200**	**$720,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$122,100	$19,500	$17,500	
Total	**$122,100**	**$19,500**	**$17,500**	
Importance Code A	$30,800	$3,700	$17,500	
Importance Code C	$91,300	$15,800		
Total	**$122,100**	**$19,500**	**$17,500**	

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

3RD AVE. BRIDGE

Asset # : 13573

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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%	2-4	$56,200	LIFE	* *			
Loose Elements, Extent : Moderate, Area Affected : 50%								
Location : Both Abutments								
Missing/Damaged Seal, Extent : Moderate, Area Affected : 60%								
Location : Both Abutments								
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								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%	4+	$27,500	2030	$550,200	4	$7,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete	80%			2038	* *	4	$47,400	
Concrete	20%	0-2	$38,000	2038	* *	4	$31,600	
Broken,Missing Pave, Extent : Severe, Area Affected : 5%								
Location : Begin Approach								
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Both Approaches								
Spalling, Extent : Severe, Area Affected : 5%								
Location : Begin Approach								

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

DEPARTMENT OF TRANSPORTATION - 841

3RD AVE. BRIDGE

Asset # : 13573

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	95%			LIFE	* *			
Concrete w/ Steel Face	5%	Now	$6,800	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Northeast Corner								
Rust Stains, Extent : Moderate, Area Affected : 50%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2038	* *	4		
Other Observation, Extent : Light, Area Affected : 40%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Steel	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 2%								
Location : Bottom Rails								
Sidewalks								
Concrete	90%			LIFE	* *			
Concrete	10%	2-4	$10,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Begin Approach								
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								
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

3RD AVE. BRIDGE

Asset # : 13573

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$24,100	LIFE	* *			
Rust Stains, Extent : Moderate, Area Affected : 60%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2038	* *	4	$11,000	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Steel	100%			LIFE	* *	2-8	$10,100	
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Bottom Bar								
Other Observation, Extent : Light, Area Affected : 100%								
Location : On Top Of Concrete Parapets								
Explanation : Steel Fence								
Sidewalks								
Concrete	100%	4+	$16,700	2034	* *	5	$5,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Near Mid-span								
Wearing Surface								
Concrete	100%	4+	$23,000	2038	* *	5	$32,400	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%	4+	$13,100	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : At Middle Of Span								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Concrete Header								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **28-Nov-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2247290**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$927,400	$1,959,900
Total	**$927,400**	**$1,959,900**
Importance Code A		$399,900
Importance Code B	$547,300	$348,700
Importance Code C	$380,100	$1,211,400
Total	**$927,400**	**$1,959,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$25,500	$5,100	$75,600	$6,800
Total	**$25,500**	**$5,100**	**$75,600**	**$6,800**
Importance Code A	$11,800	$5,100	$40,600	
Importance Code B			$35,000	
Importance Code C	$13,700			$6,800
Total	**$25,500**	**$5,100**	**$75,600**	**$6,800**

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

49TH AVE. BRIDGE

Asset # : 13575

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$153,000	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Header Concrete								
Missing/Damaged Seal, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Stem (breastwall)								
Concrete	90%			LIFE	* *			
Concrete	10%	4+	$205,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 50%								
Location : Both Abutments								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	85%			LIFE	* *			
Concrete	15%	4+	$160,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Northwest Wingwall								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
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

49TH AVE. BRIDGE

Asset # : 13575

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	$56,500	2030	$1,129,900	4	$15,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%	4+	$5,100	LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Cast Stone	100%			LIFE	* *			
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$50,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Steel	20%			LIFE	* *	2-8	$214,100	
Corrosion, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Steel	80%			LIFE	* *	2-8	$214,100	
Stem,Solid Pier								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$188,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 90%								
Location : Pier 1								
Explanation : Covered With Wood Planks								

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

DEPARTMENT OF TRANSPORTATION - 841

49TH AVE. BRIDGE

Asset # : 13575

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
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	90%			LIFE	* *			
Concrete w/ Steel Face	10%	4+	$6,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 15%								
Location : At East Joint								
Rust Stains, Extent : Severe, Area Affected : 70%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 20%								
Location : At East Joint								
Railings/Parapets								
Concrete	100%			2038	* *	4	$15,400	
Steel	100%			LIFE	* *	2-8	$14,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Length								
Explanation : Chain Link Fence								
Sidewalks								
Concrete	80%			2034	* *	5	$13,600	
Concrete	20%	4+	$9,700	2034	* *	5	$6,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	90%			2038	* *	5	$81,400	
Concrete	10%	0-2	$72,200	2038	* *	5	$40,700	
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Joint Header Concrete								
Spalling, Extent : Light, Area Affected : 70%								
Location : Random Locations Throughout								
Other Observation, Extent : Severe, Area Affected : 70%								
Location : Over East Pier								
Explanation : Large Steel Plates At Deck Joint								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$29,800	
Joints								
Generic	100%	4+	$4,000	LIFE	* *			
Missing/Damaged Seal, Extent : Moderate, Area Affected : 20%								
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.*

DEPARTMENT OF TRANSPORTATION - 841

49TH AVE. BRIDGE

Asset # : 13575

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Steel	80%			LIFE	* *	2-8	$373,400	
Steel	20%			LIFE	* *	2-8	$373,400	
Corrosion, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$312,800	
Corrosion, Extent : Light, Area Affected : 5%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **11-Dec-2017**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2243330**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$702,000	$568,300
Total	**$702,000**	**$568,300**
Importance Code A	$666,900	$289,800
Importance Code C	$35,100	$278,500
Total	**$702,000**	**$568,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$76,000	$900	$19,600	
Total	**$76,000**	**$900**	**$19,600**	
Importance Code A	$40,200		$19,600	
Importance Code C	$35,800	$900		
Total	**$76,000**	**$900**	**$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		
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	* *			
Footings								
Not Accessible	100%							
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	* *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	95%			2030	$113,300	4	$2,800	
Asphalt	5%	4+	$3,600	2030	$6,000	4	$1,900	
Cracks, Extent : Light, Area Affected : 5%								
Location : Both Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	$7,300	LIFE	* *			
Settlement, Extent : Moderate, Area Affected : 20%								
Location : At Northeast Corner								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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

4TH AVE. BRIDGE

Asset # : 13576

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Concrete	100%	4+	$3,100	2038	* *	4	$1,500	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$15,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : East Approach								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$3,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Rust Stains, Extent : Moderate, Area Affected : 60%								
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.*

DEPARTMENT OF TRANSPORTATION - 841

4TH AVE. BRIDGE

Asset # : 13576

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Concrete	100%	4+	$26,800	2038	* *	4	$5,300	
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout The West Side								
Steel	100%			LIFE	* *	2-8	$7,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steel Fence At Top Of Concrete Parapet								
Sidewalks								
Concrete	100%	4+	$35,100	2034	* *	5	$5,700	
Cracks, Extent : Light, Area Affected : 2%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Along Sidewalk Joint Headers								
Wearing Surface								
Asphalt	100%	4+	$15,900	2030	$159,200	5	$6,900	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$31,600	
Joints								
Generic	5%	4+	$1,400	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Southside Near East Approach								
Explanation : Missing Steel Cover Plate								
Generic	95%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Expansion Joint Observed On Sidewalks And No Transverse Joints								
Primary Member								
Concrete Encased Steel	100%	4+	$666,900	LIFE	* *	5	$97,800	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Rust Staining Evident								
Steel	100%			LIFE	* *	2-8	$358,600	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Bottom Flange Of Exterior Girder								
Explanation : Paint Peeling								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **6TH AVENUE LIRR ATLANTIC AVENUE**
Address : **6TH AVE OVER LIRR ATLANTIC AVE BET. ATLANTIC AVE & PACIFIC ST.**
Borough : **BROOKLYN**
Agency's Number : **N/A**
Program / Asset # : **DOT0243.000 / 14983**
Yr Built/Renovated :
Area Sq Ft : **9,982**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **21-Nov-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2243280**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$335,000	$484,600
Total	**$335,000**	**$484,600**
Importance Code A	$292,200	$441,800
Importance Code B	$42,800	$42,800
Total	**$335,000**	**$484,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$191,100		$48,900	
Total	**$191,100**		**$48,900**	
Importance Code A	$128,100		$44,600	
Importance Code B	$35,900		$4,300	
Importance Code C	$27,100			
Total	**$191,100**		**$48,900**	

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
6TH AVENUE LIRR ATLANTIC AVENUE
Asset # : 14983

Bridge Structure	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								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
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%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Railroad Tracks								
Approaches								
Pavement								
Asphalt	100%	4+	$3,200	2031	* *	4	$2,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : South Approach								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rust								

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

DEPARTMENT OF TRANSPORTATION - 841
6TH AVENUE LIRR ATLANTIC AVENUE
Asset # : 14983

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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	* *			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	$1,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 7%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	5%	4+	$71,300	LIFE	* *	2-8	$510,800	
Loss of Section, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Steel	95%			LIFE	* *	2-8	$854,500	
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$201,900	
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Rust								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$13,800	
Sidewalks								
Concrete	100%	4+	$9,900	2035	* *	5	$4,000	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	$12,100	2039	* *	5	$19,700	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
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
6TH AVENUE LIRR ATLANTIC AVENUE
Asset # : 14983

Bridge Structure	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%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Paved Over With Asphalt Overlay								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **86TH ST. BRIDGE**
Address : **86TH ST.**
Borough : **BROOKLYN**
Program / Asset # : **DOT0171.000 / 13579**
Area Sq Ft : **18,200**
Date of Survey : **18-Dec-2017**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1995 /**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2243570**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$856,600	$1,475,000
Total	**$856,600**	**$1,475,000**
Importance Code A		$180,100
Importance Code B		$180,100
Importance Code C	$856,600	$1,114,700
Total	**$856,600**	**$1,475,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$127,300	$2,000	$36,100	$6,700
Total	**$127,300**	**$2,000**	**$36,100**	**$6,700**
Importance Code A		$2,000	$18,100	
Importance Code B	$28,700		$18,100	
Importance Code C	$98,600			$6,700
Total	**$127,300**	**$2,000**	**$36,100**	**$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

86TH ST. BRIDGE

Asset # : 13579

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Backwall								
Concrete	25%	4+	$25,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	75%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2049	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	45%	4+	$28,700	LIFE	* *			
Leakage, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Missing/Damaged Seal, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : At Concrete Headers								
Generic	55%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Both Abutments								
Explanation : Behind Station Platform Wall								
Walls								
Concrete	100%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	45%	4+	$21,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Northwest And Southwest Wingwalls								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Northwest And Southwest Wingwalls								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Northeast And Southeast Wingwalls								
Explanation : Wingwalls Covered By Station Platform Walls								
Concrete	55%			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

86TH ST. BRIDGE

Asset # : 13579

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	16%	4+	$10,600	2038	* *	4	$44,200	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : East Approach								
Concrete	84%			2025	$1,114,700	4	$66,200	
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Mono Deck Surface								
Concrete	100%	4+	$5,500	2049	* *	5	$21,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Near Northeast Abutment								
Railings/Parapets								
Concrete	100%			2038	* *	4	$5,900	
Other Observation, Extent : Light, Area Affected : 50%								
Location : Both Abutments								
Explanation : Concrete Parapet At South Side Of The Bridge And Subway Station At North Side Of The Bridge								
Sidewalks								
Concrete	11%	4+	$5,300	2034	* *	5	$6,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Along The North Side Of The Bridge								
Concrete	89%			2024	$856,600	5	$13,400	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$7,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Deck								
Explanation : Underside Covered With Stay-In-Place Forms Except One Bay								
Joints								
Generic	100%	0-2	$7,700	LIFE	* *			
Leakage, Extent : Light, Area Affected : 10%								
Location : Along The Joint Between Station And Bridge Deck								

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

DEPARTMENT OF TRANSPORTATION - 841

86TH ST. BRIDGE

Asset # : 13579

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Steel	100%		LIFE	* *		2-8	$336,500	
Rust Stains, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Secondary Member								
Steel	100%		LIFE	* *		2-8	$281,900	
Rust Stains, Extent : Light, Area Affected : 1%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **ALBEE AVENUE SIRT SOUTH SHORE**		
Address	: **ALBEE AVENUE BETWEEN S. RAILROAD & N. RAILROAD STREETS**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0229.000 / 14968**	**Yr Built/Renovated**	: **1940 /**
Area Sq Ft	: **6,420**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **01-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2249320**

CAPITAL

Total	
Importance Code	
Total	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$26,300		$1,800	$13,700
Total	**$26,300**		**$1,800**	**$13,700**
Importance Code A	$12,900		$1,800	
Importance Code C	$13,400			$13,700
Total	**$26,300**		**$1,800**	**$13,700**

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
ALBEE AVENUE SIRT SOUTH SHORE
Asset # : 14968

Bridge Structure	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								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
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%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Railroad Tracks								
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%	4+	$3,500	2039	* *	4	$6,800	
Damaged Railing, Extent : Light, Area Affected : 5%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
ALBEE AVENUE SIRT SOUTH SHORE
Asset # : 14968

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	4+	$1,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
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	2%	4+	$6,300	2050	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	98%			2050	* *			

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

DEPARTMENT OF TRANSPORTATION - 841
ALBEE AVENUE SIRT SOUTH SHORE
Asset # : 14968

Bridge Structure	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								
Railings/Parapets								
Concrete	3%	4+	$2,000	2039	* *	4	$3,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Concrete	97%			2039	* *	4	$3,300	
Steel	100%			LIFE	* *	2-8	$7,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Sidewalks								
Concrete	5%	4+	$3,100	2035	* *	5	$1,600	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Concrete	95%			2035	* *	5	$3,300	
Wearing Surface								
Concrete	8%	4+	$6,800	2039	* *	5	$13,700	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Concrete	92%			2039	* *	5	$27,500	
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$2,751,800	$922,900
Total	**$2,751,800**	**$922,900**
Importance Code A	$677,500	$560,200
Importance Code B	$2,015,700	$280,100
Importance Code C	$58,600	$82,600
Total	**$2,751,800**	**$922,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$53,700	$14,700	$84,900	$21,600
Total	**$53,700**	**$14,700**	**$84,900**	**$21,600**
Importance Code A	$14,900		$56,900	
Importance Code B			$28,100	
Importance Code C	$38,800	$14,700		$21,600
Total	**$53,700**	**$14,700**	**$84,900**	**$21,600**

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
AMTRAK BRIDGE LEGGETT AVE/AMTRAK
Asset # : 2480

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$145,300	LIFE	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 30%								
Location : Joint Filler At East Abutment								
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+	$32,400	2036	* *	4	$43,200	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : At East Abutment Joint								
Curbs								
Concrete	100%			LIFE	* *			
Concrete w/ Steel Face	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	$3,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
AMTRAK BRIDGE LEGGETT AVE/AMTRAK
Asset # : 2480

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
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								
Guide Railing								
Concrete	5%	2-4	$14,900	2040	**			
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Corner Spall With Exposed Rebar At Northwest Corner Of Barrier								
Concrete	95%			2040	**			
Other Observation, Extent : Light, Area Affected : 20%								
Location : South Outer Barrier								
Explanation : Misaligned Tops								
Median								
Concrete	100%			LIFE	**	5	$5,000	
Cracks, Extent : Light, Area Affected : 5%								
Location : Where End Diagonals Meet Median								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	$18,700	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%			2032	**	5	$29,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations On North Side								
Wearing Surface								
Concrete	100%	4+	$58,600	2036	**	5	$82,600	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Scaling Of Wearing Surface								
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
AMTRAK BRIDGE LEGGETT AVE/AMTRAK
Asset # : 2480

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	100%	4+	$2,900	LIFE	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 20%								
Location : Joint Filler In Road And Sidewalk Over Pier								
Primary Member								
Steel	5%	4+	$677,500	LIFE	* *	2-8	$523,200	
Corrosion, Extent : Light, Area Affected : 20%								
Location : Base Of End Diagonal Of Southwest Truss								
Steel	95%			LIFE	* *	2-8	$523,200	
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Did Not Access Underside Of Truss/deck								
Secondary Member								
Steel	100%	4+	$1,870,400	LIFE	* *	2-8	$438,300	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Impact Damage To Top Lateral Cross Frames								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Did Not Access Underside Of Truss/deck								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **ASTORIA BLVD. EAST BOUND 278I B.Q.E. WEST LEG**		
Address	: **ASTORIA BLVD. SOUTH OVER B.Q.E WEST**		
Borough	: **QUEENS**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0233.000 / 14973**	**Yr Built/Renovated**	: **1941 /**
Area Sq Ft	: **8,181**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **14-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2230810**

CAPITAL

Total	
Importance Code	
Total	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$132,900		$5,700	
Total	**$132,900**		**$5,700**	
Importance Code A	$78,000		$2,300	
Importance Code B	$11,700		$500	
Importance Code C	$43,200		$2,900	
Total	**$132,900**		**$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
ASTORIA BLVD. EAST BOUND 278I B.Q.E. WEST LEG
Asset # : 14973

Bridge Structure	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	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	4%	4+	$6,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : East Abutment								
Explanation : Electrical Box								
Concrete	96%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	4%	4+	$7,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	96%			LIFE	* *			
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway								
Pier Protection								
Steel	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
ASTORIA BLVD. EAST BOUND 278I B.Q.E. WEST LEG
Asset # : 14973

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	6%	4+	$11,000	2031	* *	4	$5,800	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Asphalt	94%			2031	* *	4	$5,800	
Curbs								
Concrete	100%	4+	$1,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	10%	2-4	$8,000	2039	* *	4	$2,700	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 20 Percent Concrete								
Concrete	90%			2039	* *	4	$2,700	
Steel	100%	4+	$1,100	LIFE	* *			
Loss of Section, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 80 Percent Steel								
Sidewalks								
Concrete	100%	4+	$1,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	100%	4+	$17,300	LIFE	* *	2-8	$12,600	
Loss of Section, Extent : Moderate, Area Affected : 2%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
ASTORIA BLVD. EAST BOUND 278I B.Q.E. WEST LEG
Asset # : 14973

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Under Construction	100%							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$4,600	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	7%	4+	$16,400	2050	* *			
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	93%			2050	* *			
Railings/Parapets								
Concrete	100%	2-4	$12,500	2039	* *	4	$5,000	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 20 Percent Concrete								
Steel	100%	4+	$2,100	LIFE	* *	2-8	$6,900	
Loss of Section, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 80 Percent Steel								
Sidewalks								
Concrete	100%	4+	$5,900	2035	* *	5	$2,000	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
ASTORIA BLVD. EAST BOUND 278I B.Q.E. WEST LEG
Asset # : 14973

Bridge Structure	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								
Wearing Surface								
Asphalt	100%	2-4	$16,700	2031	* *	5	$3,700	
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%	4+	$17,300	LIFE	* *	5	$9,000	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Joints								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Paved Over								
Primary Member								
Steel	100%			LIFE	* *	2-8		
Secondary Member								
Steel	100%			LIFE	* *	2-8	$13,300	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **11-Oct-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2243530**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$336,200	$4,745,300
Total	**$336,200**	**$4,745,300**
Importance Code C	$336,200	$4,745,300
Total	**$336,200**	**$4,745,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$59,600		$700	
Total	**$59,600**		**$700**	
Importance Code A	$26,000		$700	
Importance Code B	$12,400			
Importance Code C	$21,200			
Total	**$59,600**		**$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
AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE
Asset # : 13519

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	5%	4+	$12,400	LIFE	* *			
Missing/Damaged Seal, Extent : Moderate, Area Affected : 20% *Location : Both Abutments*								
Generic	95%			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	53%	4+	$37,000	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5% *Location : Random Locations Throughout* *Explanation : Peeling Paint*								
Concrete	47%			LIFE	* *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pier Protection								
Not Accessible	100%							
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
AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE
Asset # : 13519

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	15%	2-4	$70,500	2029	$704,800	4	$12,100	
Cracks, Extent : Severe, Area Affected : 40%								
Location : Both Approaches								
Asphalt	85%			2029	$3,994,000	4	$18,100	
Concrete	100%	4+	$55,500	2037	* *	4	$175,600	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Both Approaches								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : 50 Percent Concrete And 50 Percent Asphalt								
Curbs								
Concrete w/ Steel Face	100%	4+	$25,000	LIFE	* *			
Settlement, Extent : Severe, Area Affected : 40%								
Location : Both Approaches								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : North And South Sides								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$12,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
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	* *			

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

DEPARTMENT OF TRANSPORTATION - 841
AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE
Asset # : 13519

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Concrete	100%			2037	* *	4	$600	
Steel	99%			LIFE	* *	2-8	$9,100	
Steel	1%	4+	$900	LIFE	* *	2-8	$9,100	
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : West Side								
Sidewalks								
Concrete	100%	4+	$3,000	2033	* *	5	$800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	2-4	$173,200	2037	* *	5	$46,400	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE**
Address : **BATTERY PLACE**
Borough : **MANHATTAN**
Program / Asset # : **DOT0082.000 / 2511**
Area Sq Ft : **69,993**
Date of Survey : **14-Sep-2015**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1954 /**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2232000**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$15,039,500	$12,287,700
Total	**$15,039,500**	**$12,287,700**
Importance Code A	$2,292,200	$770,400
Importance Code C	$12,747,300	$11,517,300
Total	**$15,039,500**	**$12,287,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$1,800		$5,500	$117,100
Total	**$1,800**		**$5,500**	**$117,100**
Importance Code A			$5,500	$83,600
Importance Code C	$1,800			$33,600
Total	**$1,800**		**$5,500**	**$117,100**

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		
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+	$1,427,400	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 85%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	75%			LIFE	* *			
Concrete	25%	4+	$12,132,700	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 45%								
Location : Random Locations Throughout								
Cracks, Extent : Light, Area Affected : 10%								
Location : End Of Left Wingwall								
Delaminations, Extent : Light, Area Affected : 10%								
Location : End Of Left Wingwall								
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location : Random Cracking Throughout								
Approaches								
Pavement								
Asphalt	90%			2028	$3,719,600	4	$67,100	
Asphalt	10%	4+	$124,000	2028	$413,300	4	$67,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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		
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+	$1,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : End Approach								
Settlement, Extent : Light, Area Affected : 5%								
Location : End Approach								
Piers								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Deck Elements								
Curbs								
Concrete	100%			2047	* *			
Concrete w/ Steel Face	100%			LIFE	* *			
Granite	100%			LIFE	* *			
Railings/Parapets								
Concrete	95%			2036	* *	4	$167,100	
Concrete	5%	2-4	$162,800	2036	* *	4	$167,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Collision Impact At North End								
Damaged Railing, Extent : Light, Area Affected : 5%								
Location : Collision Impact At North End								
Other Observation, Extent : Light, Area Affected : 5%								
Location : North End								
Explanation : Cap Stone Is Separated From The Concrete Parapet Wall								
Steel	100%	4+	$92,200	LIFE	* *	2-8	$153,000	
Damaged Railing, Extent : Light, Area Affected : 2%								
Location : North End								
Sidewalks								
Concrete	100%			2032	* *	5	$108,000	
Granite Paver	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Fascia								
Explanation : Pavers At North Fascia								
Wearing Surface								
Asphalt	90%			2028	$6,053,600	5	$604,200	
Asphalt	10%	4+	$134,500	2028	$672,600	5	$302,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								

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

DEPARTMENT OF TRANSPORTATION - 841
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	$360,100	
Concrete	10%	4+	$609,800	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **BAY 8TH STREET BELT PARKWAY**
Address : **BAY 8TH STREET OVER BELT PARKWAY**
Borough : **BROOKLYN**
Agency's Number : **N/A**
Program / Asset # : **DOT0225.000 / 14960**
Yr Built/Renovated :
Area Sq Ft : **4,827**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **05-Mar-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2231290**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$67,500	$243,200
Total	**$67,500**	**$243,200**
Importance Code A		$243,200
Importance Code B	$67,500	
Total	**$67,500**	**$243,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$5,900	$20,300	$26,100	$900
Total	**$5,900**	**$20,300**	**$26,100**	**$900**
Importance Code A		$7,100	$24,700	
Importance Code B			$1,500	
Importance Code C	$5,900	$13,200		$900
Total	**$5,900**	**$20,300**	**$26,100**	**$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
BAY 8TH STREET BELT PARKWAY
Asset # : 14960

Bridge Structure	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	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2057	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	Now	$67,500	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : North Joint								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Northwest Corner								
Explanation : Vegetation Growth								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 40%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Asphalt	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%			2038	* *	4	$39,700	
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Concrete	100%			2038	* *	4	$8,300	
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
BAY 8TH STREET BELT PARKWAY
Asset # : 14960

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	100%			LIFE	* *	5	$1,100	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2038	* *	4	$4,500	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Explanation : Vegetation Growth								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
Deck Elements								
Guide Railing								
Concrete	100%			2042	* *			
Median								
Concrete	100%			LIFE	* *	5	$1,000	
Railings/Parapets								
Concrete	100%			2038	* *	4	$8,400	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Vegetation Growth								
Steel	100%			LIFE	* *	2-8	$7,700	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Small Holes In Fence On West Side								
Sidewalks								
Concrete	100%			2034	* *	5	$1,900	
Wearing Surface								
Concrete	100%	4+	$5,900	2038	* *	5	$9,900	
Old Repair, Extent : Moderate, Area Affected : 5%								
Location : Around Damaged Joint								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$5,300	
Primary Member								
Steel	100%			LIFE	* *	2-8	$454,200	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$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.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **BELT PARKWAY OCEAN PARKWAY**		
Address	: **BELT PARKWAY EAST AND WEST BOUND OVER OCEAN AVENUE**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0224.000 / 14959**	**Yr Built/Renovated**	: **2003 /**
Area Sq Ft	: **28,819**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **05-Mar-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2231360**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$80,400	$1,251,400
Total	**$80,400**	**$1,251,400**
Importance Code A		$1,104,700
Importance Code B		$66,300
Importance Code C	$80,400	$80,400
Total	**$80,400**	**$1,251,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure		$27,600	$117,900	
Total		**$27,600**	**$117,900**	
Importance Code A		$6,000	$111,300	
Importance Code B			$6,600	
Importance Code C		$21,600		
Total		**$27,600**	**$117,900**	

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 OCEAN PARKWAY
Asset # : 14959

Bridge Structure	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	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2049	* *			
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								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry: Stone	100%			LIFE	* *			
	Other Observation, Extent : Moderate, Area Affected : 20%							
	Location : Random Locations Throughout							
	Explanation : Efflorescence							
Feature Crossed								
Mat (scour & erosion)								
Asphalt	100%			LIFE	* *			
Pier Protection								
Concrete	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%			2038	* *	4	$64,800	
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE	* *	5	$700	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2038	* *	4	$2,900	
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
BELT PARKWAY OCEAN PARKWAY
Asset # : 14959

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Pier,Columns								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2049	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%			LIFE	* *	5	$2,400	
Railings/Parapets								
Concrete	100%			2038	* *	4	$15,000	
Steel	100%			LIFE	* *	2-8	$13,800	
Wearing Surface								
Concrete	100%			2038	* *	5	$160,700	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$31,700	
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout Underside Of Deck								
Primary Member								
Steel	100%			LIFE	* *	2-8	$2,063,400	
Corrosion, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$103,700	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$1,191,700
Total		**$1,191,700**
Importance Code A		$1,132,000
Importance Code B		$59,600
Total		**$1,191,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure			$105,800	$24,600
Total			**$105,800**	**$24,600**
Importance Code A			$99,800	$2,700
Importance Code B			$6,000	
Importance Code C				$21,900
Total			**$105,800**	**$24,600**

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 BRIDGE / ROCKAWAY PARKWAY
Asset # : 14785

Bridge Structure	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	* *			
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	* *			
	Efflorescence, Extent : Light, Area Affected : 5%							
	Location : Random Locations Throughout							
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	* *	5		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	* *	4	$2,500	
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		
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	$1,000	
Railings/Parapets								
Concrete	100%			2040	* *	4	$2,800	
Steel	100%			LIFE	* *	2-8	$3,900	
Wearing Surface								
Concrete	100%			2040	* *	5		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$138,200	
Primary Member								
Steel	100%			LIFE	* *	2-8	$1,856,400	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$93,300	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **BELT SYSTEM - SHORE PARKWAY BEDFORD AVENUE**
Address : **BELT PKWY OVER BEDFORD AVE. BET E 23RD & E 26TH STREETS**
Borough : **BROOKLYN**
Agency's Number : **N/A**
Program / Asset # : **DOT0246.000 / 14986**
Yr Built/Renovated : **1942 /**
Area Sq Ft : **11,517**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **01-Nov-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2231429**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$200,000	$301,900
Total	**$200,000**	**$301,900**
Importance Code A	$200,000	$301,900
Total	**$200,000**	**$301,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$185,300		$35,900	
Total	**$185,300**		**$35,900**	
Importance Code A	$113,900		$30,800	
Importance Code B	$23,700		$700	
Importance Code C	$47,600		$4,500	
Total	**$185,300**		**$35,900**	

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 SYSTEM - SHORE PARKWAY BEDFORD AVENUE
Asset # : 14986

Bridge Structure	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%	4+	$8,200	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Backwall								
Concrete	100%	4+	$27,300	LIFE		* *		
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rusted								
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pedestals								
Concrete	3%	4+	$11,100	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	97%			LIFE		* *		
Stem (breastwall)								
Concrete	3%	4+	$17,500	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Abutment								
Explanation : Electrical Box								
Concrete	97%			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 SYSTEM - SHORE PARKWAY BEDFORD AVENUE
Asset # : 14986

Bridge Structure	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								
Walls								
Concrete	100%	4+	$4,800	LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Masonry Stone Under Fascias								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	$5,300	LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway								
Approaches								
Pavement								
Asphalt	4%	4+	$12,100	2031	* *	4	$8,900	
Cracks, Extent : Light, Area Affected : 7%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Asphalt	96%			2031	* *	4	$8,900	
Curbs								
Concrete	100%	4+	$1,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
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
BELT SYSTEM - SHORE PARKWAY BEDFORD AVENUE
Asset # : 14986

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	100%	4+	$3,400	LIFE	* *	5	$900	
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 75 Percent Concrete								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 25 Percent Steel								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Abandoned Steel Railing								
Piers								
Cap Beam								
Steel	100%	4+	$42,100	LIFE	* *	2-8	$170,900	
Loss of Section, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rusted								
Pier,Columns								
Masonry	100%			LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$3,100	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	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
BELT SYSTEM - SHORE PARKWAY BEDFORD AVENUE
Asset # : 14986

Bridge Structure	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								
Curbs								
Concrete	1%	4+	$2,900	2050	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	99%			2050	* *			
Median								
Concrete	100%	4+	$5,900	LIFE	* *	5	$1,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 75 Percent Concrete								
Steel	100%			LIFE	* *	4-8		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Guide Rail, 25 Percent Steel								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$19,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Abandoned Steel Railing								
Wearing Surface								
Asphalt	100%	4+	$2,900	2031	* *	5	$7,000	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%	4+	$43,900	LIFE	* *	5	$12,700	
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Joints								
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
BELT SYSTEM - SHORE PARKWAY BEDFORD AVENUE
Asset # : 14986

Bridge Structure	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								
Steel	4%	4+	$30,000	LIFE	* *	2-8	$212,900	
Loss of Section, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rusted								
Steel	96%			LIFE	* *	2-8	$364,900	
Secondary Member								
Steel	100%	4+	$6,200	LIFE	* *	2-8	$10,700	
Loss of Section, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 3%								
Location : Throughout								
Explanation : Rusted								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **BELT SYSTEM - SHORE PARKWAY NOSTRAND AVENUE**		
Address	: **BELT PARKWAY OVER NOSTRAND AVE. BET. E 28TH & HARING STREETS**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0247.000 / 14987**	**Yr Built/Renovated**	: **1942 /**
Area Sq Ft	: **11,361**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **01-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2231439**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$197,900	$298,800
Total	**$197,900**	**$298,800**
Importance Code A	$197,900	$298,800
Total	**$197,900**	**$298,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$195,000		$35,600	
Total	**$195,000**		**$35,600**	
Importance Code A	$123,000		$30,500	
Importance Code B	$23,700		$700	
Importance Code C	$48,300		$4,500	
Total	**$195,000**		**$35,600**	

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 SYSTEM - SHORE PARKWAY NOSTRAND AVENUE
Asset # : 14987

Bridge Structure	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%	4+	$8,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Backwall								
Concrete	100%	4+	$27,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rusted								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	3%	4+	$11,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	97%			LIFE	* *			
Stem (breastwall)								
Concrete	3%	4+	$17,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Abutment								
Explanation : Electrical Box								
Concrete	97%			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 SYSTEM - SHORE PARKWAY NOSTRAND AVENUE
Asset # : 14987

Bridge Structure	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								
Walls								
Concrete	100%	4+	$4,800	LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Masonry Stone Under Fascias								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	$4,400	LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway								
Approaches								
Pavement								
Asphalt	4%	4+	$12,100	2031	* *	4	$8,900	
Cracks, Extent : Light, Area Affected : 7%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Asphalt	96%			2031	* *	4	$8,900	
Curbs								
Concrete	100%	4+	$4,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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
BELT SYSTEM - SHORE PARKWAY NOSTRAND AVENUE
Asset # : 14987

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	100%	4+	$6,800	LIFE	* *	5	$900	
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 75 Percent Concrete								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 25 Percent Steel, Guide Rail								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Abandoned Steel Railing								
Piers								
Cap Beam								
Steel	100%	4+	$42,100	LIFE	* *	2-8	$170,900	
Loss of Section, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rusted								
Pier,Columns								
Masonry	100%			LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$3,100	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	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
BELT SYSTEM - SHORE PARKWAY NOSTRAND AVENUE
Asset # : 14987

Bridge Structure	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								
Curbs								
Concrete	2%	4+	$5,200	2050	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	98%			2050	* *			
Median								
Concrete	100%	4+	$5,800	LIFE	* *	5	$1,500	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 75 Percent Concrete								
Steel	100%			LIFE	* *	4-8		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 25 Percent Steel, Guide Rail								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$19,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Abandoned Steel Railing								
Wearing Surface								
Asphalt	100%	4+	$2,600	2031	* *	5	$6,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%	4+	$43,400	LIFE	* *	5	$12,500	
Cracks, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, 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.*

DEPARTMENT OF TRANSPORTATION - 841
BELT SYSTEM - SHORE PARKWAY NOSTRAND AVENUE
Asset # : 14987

Bridge Structure	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								
Generic	100%	4+	$1,900	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Primary Member								
Steel	4%	4+	$30,000	LIFE	* *	2-8	$210,000	
Loss of Section, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rusted								
Steel	96%			LIFE	* *	2-8	$360,000	
Secondary Member								
Steel	100%	4+	$6,200	LIFE	* *	2-8	$10,600	
Loss of Section, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Explanation : Rusted								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	:	**BELT SYSTEM - SHORE PKWY OCEAN AVENUE**			
Address	:	**BELT PKWY OVER OCEAN AVE SHORE PKWY EB & SHORE PKWY WB**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**N/A**
Program / Asset #	:	**DOT0245.000 / 14985**	**Yr Built/Renovated**	:	**1942 /**
Area Sq Ft	:	**13,735**	**Project Type**	:	**HIGHWAY BRIDGES**
Date of Survey	:	**01-Nov-2018**	**Landmark Status**	:	**NONE**
Areas Surveyed	:				
Block	:	**Lot** :	**BIN**	:	**2231419**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$126,800	$74,400
Total	**$126,800**	**$74,400**
Importance Code A	$126,800	$74,400
Total	**$126,800**	**$74,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$157,500		$8,600	
Total	**$157,500**		**$8,600**	
Importance Code A	$77,200		$7,800	
Importance Code B	$26,800		$800	
Importance Code C	$53,600			
Total	**$157,500**		**$8,600**	

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 SYSTEM - SHORE PKWY OCEAN AVENUE
Asset # : 14985

Bridge Structure	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%	4+	$8,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Backwall								
Concrete	100%	4+	$27,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%	4+	$2,400	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	5%	4+	$14,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Abutment								
Explanation : Eletrical Box								
Concrete	95%			LIFE	* *			
Walls								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Masonry Stone Under Fascias								
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
BELT SYSTEM - SHORE PKWY OCEAN AVENUE
Asset # : 14985

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Masonry	100%			LIFE	* *			
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway								
Approaches								
Pavement								
Asphalt	100%	4+	$10,200	2031	* *	4	$9,000	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete	100%	4+	$1,000	LIFE	* *			
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	12%	4+	$8,200	LIFE	* *	5	$900	
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 75 Percent Concrete								
Concrete	88%			LIFE	* *	5	$1,800	
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Guide Rail, 25 Percent Steel								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Abandoned Steel Railing								
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
BELT SYSTEM - SHORE PKWY OCEAN AVENUE
Asset # : 14985

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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	$287,700	
Pier,Columns								
Masonry	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$3,100	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	1%	4+	$4,800	2050	* *			
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Concrete	99%			2050	* *			
Median								
Concrete	100%	4+	$7,000	LIFE	* *	5	$1,900	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 7%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 75 Percent Concrete								
Steel	100%			LIFE	* *	4-8		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 25 Percent Steel								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$11,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Abandoned Steel Railing								
Wearing Surface								
Asphalt	100%	4+	$7,800	2031	* *	5	$7,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Superstructure								

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

DEPARTMENT OF TRANSPORTATION - 841
BELT SYSTEM - SHORE PKWY OCEAN AVENUE
Asset # : 14985

Bridge Structure	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								
Deck,Structural								
Concrete	100%	4+	$52,400	LIFE	* *	5	$15,100	
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Joints								
Generic	100%	4+	$7,800	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Primary Member								
Steel	100%			LIFE	* *	2-8		
Secondary Member								
Steel	100%			LIFE	* *	2-8	$22,400	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **29-Nov-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2243020**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$4,527,300	$3,306,600
Total	**$4,527,300**	**$3,306,600**
Importance Code A	$3,098,000	$501,300
Importance Code B	$1,034,300	
Importance Code C	$395,000	$2,805,300
Total	**$4,527,300**	**$3,306,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$118,200		$6,200	$2,400
Total	**$118,200**		**$6,200**	**$2,400**
Importance Code C	$118,200		$6,200	$2,400
Total	**$118,200**		**$6,200**	**$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		
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+	$105,800	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete	85%			LIFE	* *			
Tile	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Throughout								
Explanation : Ceramic Tiles Obscure View Of Structural Wall								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	55%	4+	$21,900	2030	$438,700	4	$12,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Both Approaches								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Beginning Approach								
Explanation : Rutting, Uneven Pavement								
Asphalt	45%			2023	$359,000	4	$12,400	
Concrete	35%	4+	$16,900	2038	* *	4	$92,500	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	65%			2025	$1,566,300	4	$138,700	

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

BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY

Asset # : 2489

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Approach Curbs Are 50 Percent Concrete And 50 Percent Concrete With Steel Face								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Moderate, Area Affected : 50%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Approach Curbs Are 50 Percent Concrete With Steel Face And 50 Percent Concrete								
Sidewalks								
Concrete	100%	4+	$17,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Piers								
Pier,Columns								
Concrete	100%			LIFE	* *			
Stem,Solid Pier								
Concrete	60%			LIFE	* *			
Concrete	40%	2-4	$928,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Delaminations, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 60%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
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

BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY

Asset # : 2489

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete	100%			2049	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Deck Elements Curbs Are 50 Percent Concrete And 50 Percent Concrete With Steel Face								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Deck Elements Curbs Are 50 Percent Concrete With Steel Face And 50 Percent Concrete								
Gratings								
Steel	100%			LIFE	* *			
Sidewalks								
Asphalt	100%	4+	$4,000	2027	$79,600	4	$18,000	
Cracks, Extent : Light, Area Affected : 2%								
Location : Plaza Entrance To Station Building								
Concrete	60%			2034	* *	5	$4,800	
Concrete	40%	4+	$11,900	2034	* *	5	$2,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Wearing Surface								
Asphalt	100%	4+	$36,000	2030	$720,700	5	$31,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Superstructure								
Primary Member								
Concrete	40%	4+	$774,500	LIFE	* *	5	$250,600	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Delaminations, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Concrete	60%	2-4	$2,323,500	LIFE	* *	5	$250,600	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Severe, Area Affected : 10%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Severe, 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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **31-Aug-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2229560**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$64,500	$1,015,000
Total	**$64,500**	**$1,015,000**
Importance Code A		$40,000
Importance Code C	$64,500	$975,000
Total	**$64,500**	**$1,015,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$133,100		$400	
Total	**$133,100**		**$400**	
Importance Code A	$26,500		$400	
Importance Code B	$14,900			
Importance Code C	$91,700			
Total	**$133,100**		**$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 PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N

Asset # : 13515

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underside Of Bridge								
Explanation : Not Accessible For Inspection. Requires Railroad Flagman								
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	99%			LIFE	* *			
Steel	1%	4+	$900	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Damaged Filler Material								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Stem (breastwall)								
Concrete	10%	4+	$14,000	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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%							
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

BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N

Asset # : 13515

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	85%	4+	$30,800	2029	$617,000	4	$14,900	
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : At East Approach								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Total Pavement Area Consists Of 50 Percent Asphalt And 50 Percent Concrete								
Asphalt	15%			2029	$108,900	4	$22,400	
Concrete	100%	4+	$22,600	2037	* *	4	$57,000	
Cracks, Extent : Light, Area Affected : 10%								
Location : At Both Approaches								
Spalling, Extent : Light, Area Affected : 2%								
Location : At Both Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	$3,700	LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Concrete	100%	2-4	$1,700	2037	* *	4	$1,100	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : West Approach South Side								
Explanation : Total Guide Railing Consists Of 20 Percent Concrete, 30 Percent Steel And 50 Percent Timber								
Steel	100%			LIFE	* *	2-8	$1,700	
Timber	100%	4+	$2,000	2029	$40,000	4	$1,600	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout Timber Rail								
Other Observation, Extent : Light, Area Affected : 100%								
Location : West Approach South End								
Explanation : Timber Railing								
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

BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N

Asset # : 13515

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Concrete	100%	4+	$1,200	2037	* *	4	$300	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *			
Sidewalks								
Asphalt	100%	4+	$9,200	2029	$184,700	4	$7,900	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Concrete	100%	4+	$10,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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								
Curbs								
Concrete	100%			2048	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Side Curb								
Explanation : North Side Curb Is Concrete With Steel Face And Concrete Roadway Barrier At South Side.								

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

DEPARTMENT OF TRANSPORTATION - 841

BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N

Asset # : 13515

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Guide Railing								
Concrete	100%	4+	$17,300	2041	* *			
Exposed Reinforcement, Extent : Light, Area Affected : 3%								
Location : South Face Of Concrete Barrier								
Spalling, Extent : Light, Area Affected : 15%								
Location : South Face Of Concrete Barrier								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Along The South Side Of The Bridge								
Explanation : Concrete Guide Rail With Steel Fencing								
Railings/Parapets								
Concrete	100%			2037	* *	4	$1,700	
Steel	100%			LIFE	* *	2-8	$9,500	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Exterior Surface								
Sidewalks								
Concrete	100%	4+	$11,400	2033	* *	5	$6,000	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%			2037	* *	5	$129,100	
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$1,029,800	$1,451,200
Total	**$1,029,800**	**$1,451,200**
Importance Code A	$816,800	$262,500
Importance Code B		$651,300
Importance Code C	$213,000	$537,500
Total	**$1,029,800**	**$1,451,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$45,700	$400	$66,000	$111,200
Total	**$45,700**	**$400**	**$66,000**	**$111,200**
Importance Code A	$12,400		$700	$1,100
Importance Code B	$5,000		$65,300	
Importance Code C	$28,200	$400		$110,100
Total	**$45,700**	**$400**	**$66,000**	**$111,200**

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		
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+	$8,600	LIFE	* *			
Spalling, Extent : Light, Area Affected : 10%								
Location : Small Random Potholes Throughout								
Piles								
Not Accessible	100%							
Walls								
Brick	95%			LIFE	* *			
Brick	5%	4+	$2,600	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Broken/ Missing Element								
Concrete	55%	4+	$213,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Joint Filler At Southwest Wingwall Joint								
Cracks, Extent : Light, Area Affected : 2%								
Location : Northwest Wingwall								
Spalling, Extent : Light, Area Affected : 2%								
Location : Southwest Wingwall								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Minor Peeling Paint								
Concrete	45%			LIFE	* *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%			2028	$187,800	4	$3,200	
Concrete	10%	4+	$10,000	2036	* *	4	$217,000	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	90%			2036	* *	4	$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		
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	$25,700	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
Steel	100%	4+	$10,300	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Northern Approach								
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : At Cracks								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8		
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Pier,Columns								
Concrete Encased Steel	100%	4+	$5,000	LIFE	* *	5	$12,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Delamination								
Steel	100%			LIFE	* *	2-8	$937,500	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : At Span 1								
Explanation : Impact Damage								
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		
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	* *			
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : At Joints								
Gratings								
Steel	100%			LIFE	* *			
Guide Railing								
Concrete	100%			2040	* *			
Other Observation, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Explanation : Peeling Paint								
Steel	100%	4+	$2,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Broken Support At Southwest Side								
Median								
Concrete	100%			LIFE	* *	5		
Railings/Parapets								
Concrete	100%			2036	* *	4	$2,100	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Minor Scaling And Peeling Paint								
Sidewalks								
Concrete	100%			2032	* *	5	$800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%	4+	$7,000	2028	$349,700	5	$17,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Transverse Cracks								
Superstructure								
Deck,Structural								
Concrete	40%			LIFE	* *	5	$48,300	
Concrete	60%	2-4	$251,200	LIFE	* *	5	$48,300	
Cracks, Extent : Light, Area Affected : 20%								
Location : On Underside Of Deck								
Spalling, Extent : Light, Area Affected : 20%								
Location : On Underside Of Deck								

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

DEPARTMENT OF TRANSPORTATION - 841

BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST

Asset # : 2508

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Concrete Encased Steel	100%	4+	$565,600	LIFE	* *	5	$165,800	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 80%								
Location : Random Locations Throughout								
Explanation : Peeling Paint								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$509,500	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Explanation : Peeling Paint								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **CARLTON AVENUE LIRR ATLANTIC AVE**		
Address	: **CARLTON AVE OVER LIRR YARD BET. ATLANTIC AVE & PACIFIC ST.**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0244.000 / 14984**	**Yr Built/Renovated**	:
Area Sq Ft	: **15,720**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **21-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2243290**

CAPITAL

Total	
Importance Code	
Total	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$33,800		$9,100	$26,300
Total	**$33,800**		**$9,100**	**$26,300**
Importance Code A	$22,800		$3,800	
Importance Code B	$11,000		$900	
Importance Code C			$4,300	$26,300
Total	**$33,800**		**$9,100**	**$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
CARLTON AVENUE LIRR ATLANTIC AVE
Asset # : 14984

Bridge Structure	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	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2050	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
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								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Railroad Tracks							
Pier Protection								
Under Construction	100%							
Approaches								
Pavement								
Concrete	100%			2039	* *	4	$8,600	
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	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
CARLTON AVENUE LIRR ATLANTIC AVE
Asset # : 14984

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Concrete	100%			2039	* *	4	$700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2050	* *			
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	* *			
Railings/Parapets								
Concrete	100%			2039	* *	4	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Steel	100%			LIFE	* *	2-8	$14,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Sidewalks								
Concrete	100%			2035	* *	5	$13,000	
Wearing Surface								
Concrete	100%			2039	* *	5	$52,600	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$34,600	
Joints								
Generic	100%			LIFE	* *			
Primary 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.*

DEPARTMENT OF TRANSPORTATION - 841
CARLTON AVENUE LIRR ATLANTIC AVE
Asset # : 14984

Bridge Structure	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	100%			LIFE	* *	2-8	$25,600	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **07-Dec-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2231380**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$116,000	$3,235,600
Total	**$116,000**	**$3,235,600**
Importance Code A		$257,900
Importance Code B		$203,900
Importance Code C	$116,000	$2,773,800
Total	**$116,000**	**$3,235,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$132,900	$25,900	$46,800	
Total	**$132,900**	**$25,900**	**$46,800**	
Importance Code A	$45,600	$4,600	$26,400	
Importance Code B	$33,000		$20,400	
Importance Code C	$54,200	$21,300		
Total	**$132,900**	**$25,900**	**$46,800**	

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
CONEY ISLAND AVE. BRIDGE
Asset # : 13577

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$22,000	LIFE	* *			
Missing/Damaged Seal, Extent : Light, Area Affected : 15%								
Location : North Abutment								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	15%	4+	$11,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Both Abutments								
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+	$46,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	95%			LIFE	* *			
Masonry: Stone	100%			LIFE	* *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%			2030	$2,733,800	4	$64,000	

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		
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+	$12,300	LIFE	* *			
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	100%	4+	$21,800	LIFE	* *	5	$5,100	
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : North Approach								
Railings/Parapets								
Concrete	100%			2038	* *	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both East And West Parapets								
Explanation : Steel Fence On Top Of Concrete Parapet								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$69,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Northwest Approach								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Southeast Corner								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$124,800	
Pier,Columns								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Concrete Pier Columns								
Explanation : Stone Facing								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$1,400	
Other Observation, Extent : Light, Area Affected : 33%								
Location : Piers 1, 2 and 3								
Explanation : Steel Bearing Assembly (Fixed Brg.) At Pier 2. Elastomeric Bearings (Expansion Bearing) At Piers 1 And 3.								
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
CONEY ISLAND AVE. BRIDGE
Asset # : 13577

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Median								
Concrete	80%	4+	$11,500	LIFE	* *	5	$3,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	20%			LIFE	* *	5	$3,400	
Railings/Parapets								
Concrete	100%			2038	* *	4	$13,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Concrete Parapet With Steel Fence On Top								
Steel	100%			LIFE	* *	2-8	$12,700	
Sidewalks								
Concrete	100%	4+	$29,600	2034	* *	5	$4,800	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	$24,600	2038	* *	5	$40,000	
Cracks, Extent : Light, Area Affected : 5%								
Location : Near Cold Joints At Piers								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$18,000	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout At Underside Of Stay-In-Place Decks								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Except Underdeck Bay Along Centerline Of Bridge								
Explanation : Underdeck Steel Deck Form								
Primary Member								
Steel	100%			LIFE	* *	2-8	$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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **22-Nov-2017**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2241110**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$216,300	$2,238,800
Total	**$216,300**	**$2,238,800**
Importance Code A		$407,600
Importance Code B	$73,400	$371,000
Importance Code C	$142,900	$1,460,200
Total	**$216,300**	**$2,238,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$113,400		$75,300	
Total	**$113,400**		**$75,300**	
Importance Code A	$56,600		$38,100	
Importance Code B	$17,200		$37,200	
Importance Code C	$39,600			
Total	**$113,400**		**$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		
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+	$73,400	LIFE	* *			
Missing/Damaged Seal, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
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%	4+	$7,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%	4+	$27,900	2030	$1,392,600	4	$18,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Pavement Patching								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 15%								
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.*

DEPARTMENT OF TRANSPORTATION - 841

CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS

Asset # : 2661

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Concrete	100%	4+	$22,600	2038	* *	4	$9,700	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$4,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Pier,Columns								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Water Stains								
Stem,Solid Pier								
Masonry	100%	4+	$17,200	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Efflorescence Staining								
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+	$11,300	LIFE	* *			
Rust Stains, Extent : Moderate, Area Affected : 50%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, 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.*

DEPARTMENT OF TRANSPORTATION - 841

CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS

Asset # : 2661

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Median								
Concrete	100%	4+	$2,700	LIFE	* *	5	$1,400	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%	4+	$20,100	2038	* *	4	$8,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$11,700	
Corrosion, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%	4+	$94,900	2034	* *	5	$13,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%			2030		5		
Concrete	100%	4+	$48,000	2038	* *	5	$67,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Along The Curbs								
Explanation : Total Of 14 Scuppers								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$36,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stay In Place Forms - Good Condition								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **CROPSEY AVENUE BELY SYSTEM SHORE PARKWAY**		
Address	: **CROPSEY AVE OVER BELT PARKWAY BET. BAY 50TH & BAY 52ND STREETS**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0249.000 / 14989**	**Yr Built/Renovated**	:
Area Sq Ft	: **12,106**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **27-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2231340**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$61,900	$61,900
Total	**$61,900**	**$61,900**
Importance Code A	$61,900	$61,900
Total	**$61,900**	**$61,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$219,300		$8,700	
Total	**$219,300**		**$8,700**	
Importance Code A	$84,400		$6,500	
Importance Code B	$88,000		$2,200	
Importance Code C	$46,800			
Total	**$219,300**		**$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
CROPSEY AVENUE BELY SYSTEM SHORE PARKWAY
Asset # : 14989

Bridge Structure	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	6%	4+	$4,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	94%			LIFE	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%	4+	$19,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Stem (breastwall)								
Concrete	3%	4+	$22,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 80 Percent Concrete								
Concrete	97%			LIFE	* *			
Masonry	8%	4+	$11,200	LIFE	* *			
Joint Motar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 20 Percent Masonry								
Masonry	92%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	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
CROPSEY AVENUE BELY SYSTEM SHORE PARKWAY
Asset # : 14989

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Masonry	100%	4+	$9,500	LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 4%								
Location : Southeast Wingwall								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway								
Pier Protection								
Concrete	5%	4+	$17,900	LIFE	* *			
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Explanation : Cracks								
Concrete	95%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%	4+	$2,700	2039	* *	4	$500	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Rust								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	100%	4+	$2,500	LIFE	* *	5	$600	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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
CROPSEY AVENUE BELY SYSTEM SHORE PARKWAY
Asset # : 14989

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Southeast Corner								
Explanation : Vegetation Growth								
Sidewalks								
Concrete	100%	4+	$2,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$239,500	
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$71,500	
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$2,700	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Median								
Concrete	100%	4+	$5,900	LIFE	* *	5	$1,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$8,800	
Sidewalks								
Concrete	100%	4+	$6,800	2035	* *	5	$2,800	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	$16,600	2039	* *	5	$28,100	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$26,600	

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
CROPSEY AVENUE BELY SYSTEM SHORE PARKWAY
Asset # : 14989

Bridge Structure	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+	$8,300	LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Primary Member								
Steel	100%			LIFE	* *	2-8		
Secondary Member								
Steel	100%			LIFE	* *	2-8	$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.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **29-Nov-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2248039**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$1,533,300
Total		**$1,533,300**
Importance Code A		$168,300
Importance Code B		$168,300
Importance Code C		$1,196,800
Total		**$1,533,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$43,400	$26,300	$34,100	$2,600
Total	**$43,400**	**$26,300**	**$34,100**	**$2,600**
Importance Code A	$25,100		$17,200	
Importance Code B	$18,300		$16,900	
Importance Code C		$26,300		$2,600
Total	**$43,400**	**$26,300**	**$34,100**	**$2,600**

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 BLVD. BRIDGE CONDUIT BLVD
Asset # : 13568

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$18,300	LIFE	* *			
Missing/Damaged Seal, Extent : Light, Area Affected : 5%								
Location : North Joint								
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								
Granite	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%			2030	$1,196,800	4	$31,800	
Concrete	100%			2038	* *	4	$47,200	
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Steel	100%	4+	$11,200	LIFE	* *	2-8	$5,900	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Northeast And Southeast								
Explanation : Guide Rail Has Vehicular Impact Damage								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2038	* *	4		
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
CROSS BAY BLVD. BRIDGE CONDUIT BLVD
Asset # : 13568

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Pier,Columns								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Fascia Columns								
Explanation : Fascia Columns Are Concrete With Cut Stone Masonry Facing - Veneer								
Brngs,Ancr Blts,Pads								
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	* *			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Median								
Concrete	100%			LIFE	* *	5	$1,400	
Mono Deck Surface								
Concrete	100%			2049	* *	5		
Railings/Parapets								
Concrete	100%	4+	$13,900	2038	* *	4	$7,800	
Spalling, Extent : Moderate, Area Affected : 1%								
Location : Both Fascias At Northeast And Northwest Abutment								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Parapets								
Explanation : Vertical Face Concrete Parapet With Steel Chainlink Protective Screening Mounted On Top Of Parapet								
Sidewalks								
Concrete	100%			2034	* *	5	$5,100	
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%			2038	* *	5		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Superstructure								

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

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

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$18,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Deck								
Explanation : Concrete Deck With Stay - In - Place Metal Forms								
Primary Member								
Steel	100%			LIFE	* *	2-8	$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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **11-Oct-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2231559**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$173,300	$6,721,300
Total	**$173,300**	**$6,721,300**
Importance Code A		$459,400
Importance Code B	$85,000	$229,700
Importance Code C	$88,300	$6,032,300
Total	**$173,300**	**$6,721,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$250,600		$70,100	
Total	**$250,600**		**$70,100**	
Importance Code A	$84,900		$47,100	
Importance Code B	$24,700		$23,000	
Importance Code C	$141,100			
Total	**$250,600**		**$70,100**	

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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	30%	4+	$15,900	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	70%			LIFE	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	65%	4+	$21,200	LIFE	* *			
Missing/Damaged Seal, Extent : Moderate, Area Affected : 25%								
Location : Both Abutments								
Generic	35%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 60%								
Location : Both Abutments								
Explanation : Earth On Side And Pave Stone On A Slope Underneath Abutment								
Pedestals								
Concrete	100%	4+	$3,300	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Beginning Of Abutment West Side								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Beginning Of Abutment West Side								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Beginning Of Abutment West Side								
Stem (breastwall)								
Concrete	59%	4+	$41,700	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Begin Abutment West Side								
Exposed Reinforcement, Extent : Moderate, Area Affected : 10%								
Location : End Abutment West Side								
Explanation : Exposed Rebars								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : End Abutment West Side								
Concrete	41%			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

CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY

Asset # : 13516

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Masonry: Stone	100%			LIFE	* *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pier Protection								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : New Jersey Barrier								
Approaches								
Pavement								
Asphalt	74%	4+	$88,300	2029	$4,413,400	4	$131,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : On Surface								
Explanation : Pavement Area Consists Of 80 Percent Asphalt And 20 Percent Concrete								
Asphalt	26%			2029	$1,550,700	4	$196,900	
Concrete	100%	4+	$13,000	2037	* *	4	$35,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5		
Railings/Parapets								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$16,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Isolated Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 5%								
Location : Both Approaches								
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

CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY

Asset # : 13516

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Concrete	100%	4+	$43,300	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Pier								
Explanation : Pier Column Is 65 Percent Concrete And 35 Percent Stone Masonry								
Masonry	100%	4+	$3,500	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : At Piers, Scattered Locations Throughout								
Explanation : Loose Elements And Vegetation Growth								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$16,500	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Pier								
Explanation : Paved Roadway								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Median								
Concrete	100%	4+	$33,900	LIFE	* *	5	$27,900	
Cracks, Extent : Light, Area Affected : 5%								
Location : Near End Approach								
Vegetation Growth, Extent : Light, Area Affected : 1%								
Location : Near End Approach								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Island Median								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$7,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steel Railing And Fence								
Sidewalks								
Concrete	100%	4+	$6,400	2033	* *	5	$3,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Isolated Locations								

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

DEPARTMENT OF TRANSPORTATION - 841

CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY

Asset # : 13516

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	100%	4+	$29,700	2037	* *	5	$68,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Near Approach								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$18,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stay In Place Forms Used Under Deck								
Joints								
Generic	100%	4+	$10,300	LIFE	* *			
Missing/Damaged Seal, Extent : Moderate, Area Affected : 35%								
Location : Random Locations Throughout								
Primary Member								
Steel	2%	4+	$31,800	LIFE	* *	2-8	$429,000	
Loss of Section, Extent : Severe, Area Affected : 2%								
Location : Near North Center Pier								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Bird Nesting								
Steel	98%			LIFE	* *	2-8	$429,000	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$359,400	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV**
Address : **METRO NORTH**
Borough : **BRONX**
Program / Asset # : **DOT0008.000 / 2443**
Area Sq Ft : **30,192**
Date of Survey : **22-Aug-2016**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1983 /**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2076640**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$952,800	$1,321,700
Total	**$952,800**	**$1,321,700**
Importance Code A	$155,900	$296,900
Importance Code B	$547,100	$597,700
Importance Code C	$249,800	$427,100
Total	**$952,800**	**$1,321,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$73,800		$92,300	
Total	**$73,800**		**$92,300**	
Importance Code A	$13,500		$30,800	
Importance Code B	$24,400		$61,500	
Importance Code C	$35,900			
Total	**$73,800**		**$92,300**	

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
DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV
Asset # : 2443

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Abutment								
Explanation : Steel Sheeting Underconstruction								
Concrete	100%			LIFE	* *			
Feature Crossed								
Bank Protection								
Riprap	100%	Now	$125,500	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 60%								
Location : Along West Fascia - Harlem River								
Erosion, Extent : Moderate, Area Affected : 40%								
Location : Along Bank Of Harlem River								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Southern Section								
Explanation : No Component For 50 Percent Of Asset								

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

DEPARTMENT OF TRANSPORTATION - 841
DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV
Asset # : 2443

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Steel	100%	0-2	$439,800	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Piers Located Along Bank Of Harlem River								
Explanation : Corrosion/ Section Loss On Steel Fender System								
Approaches								
Pavement								
Asphalt	100%	2-4	$59,500	2026	$297,400	4	$3,900	
Cracks, Extent : Moderate, Area Affected : 40%								
Location : More Severe At South Approach								
Concrete	100%	4+	$13,900	2037	* *	4	$14,900	
Cracks, Extent : Light, Area Affected : 15%								
Location : Both Approaches								
Curbs								
Concrete	5%	4+	$4,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 20%								
Location : Random Locations								
Settlement, Extent : Light, Area Affected : 10%								
Location : More Severe At South Approach								
Concrete	95%			LIFE	* *			
Granite	100%			LIFE	* *			
Embankment								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	80%			LIFE	* *			
Earth	20%	Now	$1,500	LIFE	* *			
Erosion, Extent : Moderate, Area Affected : 50%								
Location : South Approach Along Bank Of Harlem River								
Railings/Parapets								
Concrete	100%			2037	* *	4		
Steel	100%			LIFE	* *			
Sidewalks								
Under Construction	100%							
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$45,600	
Stem,Solid Pier								
Concrete	100%	4+	$107,400	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Spall With Exposed Rebars								

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

DEPARTMENT OF TRANSPORTATION - 841
DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV
Asset # : 2443

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Brngs,Ancr Blts,Pads								
Steel	100%	4+	$111,100	LIFE	* *	2-8	$16,000	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Under Leaky Deck Joints								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%	2-4	$44,800	LIFE	* *			
Broken,Missing Pave, Extent : Severe, Area Affected : 20%								
Location : Along Harlem River								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%	4+	$17,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Piers 5, 6 And 7								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Random Locations Throughout								
Piles								
Steel	100%			LIFE	* *			
Deck Elements								
Curbs								
Granite	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Explanation : Vegetation Growth								
Railings/Parapets								
Concrete	100%			2037	* *	4	$24,000	
Steel	100%			LIFE	* *	2-8	$9,400	
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations, Steel Railing On Top Of Concrete Parapet On Both Sides. Also Chain Link Fence On Both Sides In The Spans Over Tracks, Total Length Approximately 125 Feet								
Sidewalks								
Concrete	100%	4+	$11,900	2033	* *	5	$4,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations								
Wearing Surface								
Concrete	95%			2037	* *	5	$129,600	
Concrete	5%	4+	$5,700	2037	* *	5	$64,800	
Cracks, Extent : Light, Area Affected : 20%								
Location : Spans 1 To 5								
Spalling, Extent : Light, Area Affected : 3%								
Location : Near South End								
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
DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV
Asset # : 2443

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$29,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 5 To 11								
Explanation : Stay In Place Forms At Underdeck								
Joints								
Generic	100%	4+	$4,400	LIFE	* *			
Leakage, Extent : Light, Area Affected : 10%								
Location : Throughout								
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Near South Abutment								
Explanation : Consists Of 20 Percent Precast Box Beam Girders And 80 Percent Steel Girders								
Steel	100%			LIFE	* *	2-8	$554,600	
Secondary Member								
Steel	5%	2-4	$6,500	LIFE	* *	2-8	$467,600	
Corrosion, Extent : Light, Area Affected : 20%								
Location : Adjacent To Deck Joints								
Loss of Section, Extent : Light, Area Affected : 5%								
Location : Adjacent To Deck Joints								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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-Dec-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2231390**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$3,367,000	$210,100
Total	**$3,367,000**	**$210,100**
Importance Code A	$75,100	
Importance Code C	$3,292,000	$210,100
Total	**$3,367,000**	**$210,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$213,900		$63,400	
Total	**$213,900**		**$63,400**	
Importance Code A	$42,100		$1,500	
Importance Code B	$69,900			
Importance Code C	$102,000		$61,900	
Total	**$213,900**		**$63,400**	

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

E. 12TH STREET BRIDGE

Asset # : 13571

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Blocked By Bridge Painting Scaffolding								
Backwall								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Blocked By Bridge Painting Scaffolding								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Blocked By Bridge Painting Scaffolding								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	$19,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : At Concrete Headers								
Missing/Damaged Seal, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : At Concrete Headers								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Blocked By Bridge Painting Scaffolding								
Stem (breastwall)								
Concrete	30%	4+	$21,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Spalling, Extent : Light, Area Affected : 5%								
Location : At South Abutment								
Concrete	70%			LIFE	* *			
Masonry	100%	4+	$13,600	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : At Northeast Corner								
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

E. 12TH STREET BRIDGE

Asset # : 13571

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Piles								
Not Accessible	100%							
Walls								
Concrete	2%	4+	$19,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Vertical And Horizontal Cracks At Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	98%			LIFE	* *			
Masonry: Stone	85%			LIFE	* *			
Masonry: Stone	15%	4+	$5,600	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Efflorescence								
Approaches								
Pavement								
Asphalt	6%	4+	$21,000	2030	$210,100	4	$54,600	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Asphalt	94%			2023	$3,292,000	4	$54,600	
Concrete	100%			2038	* *	4		
Curbs								
Concrete w/ Steel Face	100%	4+	$75,100	LIFE	* *			
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Steel	100%			LIFE	* *	2-8	$43,600	
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	11%	4+	$5,300	LIFE	* *	5	$11,300	
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 20%								
Location : At Concrete Curbs With Steel Face								
Explanation : Corrosion								
Concrete	89%			LIFE	* *	5	$11,300	
Railings/Parapets								
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

E. 12TH STREET BRIDGE

Asset # : 13571

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	25%	4+	$10,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	75%			LIFE	* *			
Piers								
Pier,Columns								
Concrete	100%	2-4	$14,600	LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 5%								
Location : West Center Pier								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Piers								
Explanation : Outer Face Finished With Stone Masonry								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Blocked By Bridge Painting Scaffolding								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Blocked By Bridge Painting Scaffolding								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$23,700	LIFE	* *			
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Median								
Concrete	100%	4+	$13,000	LIFE	* *	5	$3,000	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : At Concrete Curbs With Steel Face								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$11,400	

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

E. 12TH STREET BRIDGE

Asset # : 13571

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%	4+	$13,400	2034	* *	5	$2,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%			2038	* *	5	$69,100	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$23,700	
Joints								
Generic	85%	4+	$32,100	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : At Joint Rubber Seal								
Spalling, Extent : Light, Area Affected : 10%								
Location : At Concrete Headers								
Generic	15%			LIFE	* *			
Primary Member								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Blocked By Bridge Painting Scaffolding								
Secondary Member								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Blocked By Bridge Painting Scaffolding								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **E. 165TH ST. BRIDGE / METRO-NORTH RR**
Address : **E. 165TH ST**
Borough : **BRONX**
Program / Asset # : **DOT0166.000 / 13574**
Area Sq Ft : **16,400**
Date of Survey : **22-Dec-2017**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1897 /**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2241630**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$915,800	$2,321,500
Total	**$915,800**	**$2,321,500**
Importance Code C	$915,800	$2,321,500
Total	**$915,800**	**$2,321,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$33,400	$4,800	$23,200	
Total	**$33,400**	**$4,800**	**$23,200**	
Importance Code A	$12,000	$4,800	$500	
Importance Code C	$21,400		$22,800	
Total	**$33,400**	**$4,800**	**$23,200**	

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. 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
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%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Masonry: Stone	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	70%	0-2	$40,800	2030	$2,041,600	4	$45,500	
Cracks, Extent : Moderate, Area Affected : 35%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Asphalt	30%			2023	$875,000	4	$45,500	
Concrete	100%			2038	* *	4		
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Median								
Concrete	100%			LIFE	* *	5		
Sidewalks								
Concrete	100%	4+	$15,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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
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
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	* *			
Rust Stains, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Median								
Concrete	100%	4+	$3,700	LIFE	* *	5	$2,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2038	* *	4	$14,500	
Steel	100%	4+	$8,300	LIFE	* *	2-8	$13,300	
Corrosion, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Sidewalks								
Concrete	100%	4+	$6,400	2034	* *	5	$2,600	
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%			2030	$279,900	5	$24,200	
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **31-Aug-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2241550**

CAPITAL

Total	
Importance Code	
Total	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$39,500			
Total	**$39,500**			
Importance Code B	$12,700			
Importance Code C	$26,800			
Total	**$39,500**			

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 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR
Asset # : 13718

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$12,700	LIFE		* *		
Loose Elements, Extent : Moderate, Area Affected : 20%								
Location : East Abutment								
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE		* *		
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : 50 Percent Of The Wall Is Not Accessible								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	$4,500	LIFE		* *		
Missing Bricks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : West Side South Wingwall								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 75 Percent Masonry Stone - 25 Percent Concrete Cribbing								
Masonry: Stone	100%	4+	$2,900	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 15%								
Location : Both Sides West Wingwalls And North Side East Wingwall								
Explanation : Loose/ Eroded Joints								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
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 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR

Asset # : 13718

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	2-4	$9,300	2029	$31,000	4	$800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Both Approaches								
Settlement, Extent : Light, Area Affected : 10%								
Location : East Approach								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : 50 Percent Asphalt And 50 Percent Concrete								
Concrete	100%	4+	$4,800	2037	* *	4	$3,100	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : East Approach								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Beginning at Right Side								
Explanation : Begin Right Wingwall Is Earth And Concrete Cribbing								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Steel	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
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	* *			

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

DEPARTMENT OF TRANSPORTATION - 841
EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR
Asset # : 13718

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Mono Deck Surface								
Concrete	100%			2048	* *	5		
Railings/Parapets								
Concrete	100%			2037	* *	4		
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Sides								
Explanation : Chainlink Fence On Top Of Concrete Parapet								
Sidewalks								
Concrete	100%	4+	$5,300	2033	* *	5	$3,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **23-Aug-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2241129**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$40,500	$447,000
Total	**$40,500**	**$447,000**
Importance Code A	$40,500	$248,900
Importance Code B		$124,500
Importance Code C		$73,600
Total	**$40,500**	**$447,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$73,500		$37,800	
Total	**$73,500**		**$37,800**	
Importance Code A	$6,300		$25,300	
Importance Code B	$9,200		$12,500	
Importance Code C	$58,100			
Total	**$73,500**		**$37,800**	

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
EAST 149TH STREET BRIDGE
Asset # : 13713

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$9,200	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Loose Elements								
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	* *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%	4+	$7,400	2029	$73,600	4	$1,500	
Cracks, Extent : Light, Area Affected : 15%								
Location : Both Abutments								
Settlement, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout And Most Severe At North Abutment								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Abutments								
Explanation : Consists Of 50 Percent Asphalt And 50 Percent Concrete								
Concrete	100%	2-4	$11,400	2037	* *	4	$5,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Adjacent To Joints At West Abutment And Random Locations At South Abutment								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
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	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Concrete	80%	4+	$1,500	2037	* *	4	$2,600	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Concrete	20%			2037	* *	4	$3,900	
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5		
Railings/Parapets								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	75%	4+	$7,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	10%	4+	$5,600	LIFE	* *			
Settlement, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Concrete	15%	0-2	$8,400	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 30%								
Location : More Severe At North Approach West Side								
Other Observation, Extent : Light, Area Affected : 100%								
Location : East And West Sides								
Explanation : Steel Fascia With Corrugated Steel Siding For Railroad Protection								
Piers								
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
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		
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								
Median								
Concrete	100%	4+	$3,400	LIFE	* *	5	$2,600	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Mono Deck Surface								
Concrete	100%	4+	$5,700	2048	* *	5	$33,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$9,900	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Sides								
Explanation : Steel Fascia With Steel Railing And Cladding On Top								
Sidewalks								
Concrete	90%	4+	$9,800	2033	* *	5	$5,800	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Adjacent To Concrete Barrier Wall								
Explanation : Water Ponding								
Concrete	10%	4+	$2,700	2033	* *	5	$5,800	
Cracks, Extent : Light, Area Affected : 80%								
Location : Both Sides								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Not Accessible	100%							
Primary Member								
Steel	98%			LIFE	* *	2-8	$232,500	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	2%	4+	$40,500	LIFE	* *	2-8	$232,500	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Impact Damage								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **22-Nov-2017**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2241050**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$97,600	$1,462,900
Total	**$97,600**	**$1,462,900**
Importance Code C	$97,600	$1,462,900
Total	**$97,600**	**$1,462,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$52,800	$13,500		
Total	**$52,800**	**$13,500**		
Importance Code A	$15,400	$2,100		
Importance Code C	$37,400	$11,400		
Total	**$52,800**	**$13,500**		

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		
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%							
Feature Crossed								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	50%			2030	$731,500	4	$34,200	
Asphalt	50%	4+	$36,600	2030	$731,500	4	$22,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Uneven Asphalt Surface								
Curbs								
Concrete w/ Steel Face	100%	4+	$12,200	LIFE	* *			
Corrosion, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	$61,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$3,200	LIFE	* *			
Corrosion, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2038	* *	4	$6,300	
Other Observation, Extent : Light, Area Affected : 40%								
Location : North Side Of Deck								
Explanation : Concrete Parapet								
Sidewalks								
Concrete	100%	4+	$11,200	2034	* *	5	$4,500	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	$26,300	2038	* *	5	$17,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Along Both Sides Of Approach Joints								
Delaminations, Extent : Light, Area Affected : 2%								
Location : Along Both Sides Of Approach Joints								
Spalling, Extent : Light, Area Affected : 2%								
Location : Along Both Sides Of Approach Joints								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **EAST 156TH STREET ACCESS TO HOUSING**
Address : **EAST 156TH AVE. CONCOURSE VILLAGE W & MORRIS AVE**
Borough : **BRONX**
Agency's Number : **N/A**
Program / Asset # : **DOT0250.000 / 14990**
Yr Built/Renovated : **1968 /**
Area Sq Ft : **49,204**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **23-Oct-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2270030**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$975,000	$541,200
Total	**$975,000**	**$541,200**
Importance Code A	$775,700	$541,200
Importance Code B	$199,300	
Total	**$975,000**	**$541,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$326,300		$51,900	
Total	**$326,300**		**$51,900**	
Importance Code A	$172,800		$48,900	
Importance Code B	$75,600		$2,900	
Importance Code C	$77,800			
Total	**$326,300**		**$51,900**	

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 156TH STREET ACCESS TO HOUSING
Asset # : 14990

Bridge Structure	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								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	90%	4+	$15,800	LIFE		* *		
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Missing Elements								
Generic	10%			LIFE		* *		
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	36%	4+	$25,300	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Concrete	64%			LIFE		* *		
Masonry	100%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Masonry								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	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
EAST 156TH STREET ACCESS TO HOUSING
Asset # : 14990

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	26%	4+	$20,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	74%			LIFE	* *			
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway								
Approaches								
Pavement								
Asphalt	100%	4+	$2,700	2031	* *	4	$2,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Generic	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	$800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Concrete	64%	4+	$101,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	36%			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 156TH STREET ACCESS TO HOUSING
Asset # : 14990

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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+	$96,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%	4+	$102,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%	4+	$8,700	2039	* *	4	$1,900	
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Steel	100%			LIFE	* *	2-8	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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 156TH STREET ACCESS TO HOUSING
Asset # : 14990

Bridge Structure	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								
Sidewalks								
Concrete	35%	4+	$15,100	2035	* *	5	$19,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	65%			2035	* *	5	$39,300	
Wearing Surface								
Asphalt	100%	4+	$20,600	2031	* *	5	$20,200	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%	4+	$187,600	LIFE	* *	5	$54,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Joints								
Generic	100%	4+	$18,000	LIFE	* *			
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Missing Elements								
Primary Member								
Steel	100%			LIFE	* *	2-8	$1,559,100	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rusted								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$80,300	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rusted								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$928,800	$2,212,800
Total	**$928,800**	**$2,212,800**
Importance Code A	$134,900	$270,800
Importance Code B	$793,900	$682,300
Importance Code C		$1,259,700
Total	**$928,800**	**$2,212,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$54,500	$3,600	$85,000	$8,200
Total	**$54,500**	**$3,600**	**$85,000**	**$8,200**
Importance Code A			$100	
Importance Code B	$3,300		$68,400	
Importance Code C	$51,200	$3,600	$16,500	$8,200
Total	**$54,500**	**$3,600**	**$85,000**	**$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
EAST 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST
Asset # : 2488

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Backwall								
Concrete	100%			LIFE	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%	4+	$3,300	LIFE	* *			
Spalling, Extent : Light, Area Affected : 5%								
Location : Pothole At Eastern Exit Of Tunnel								
Stem (breastwall)								
Concrete	100%	4+	$143,400	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Spalling At Interface With Pedestals, Water Infiltration At One Spall In South Abutment								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rust Stains								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 75%								
Location : Random Locations Throughout								
Explanation : Peeling Paint								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	70%			2028	$645,500	4	$16,300	
Asphalt	30%	4+	$27,700	2028	$276,700	4	$16,300	
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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		
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+	$16,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	80%			LIFE	* *			
Piers								
Pier,Columns								
Steel	80%			LIFE	* *	2-8	$982,300	
Steel	20%	4+	$650,500	LIFE	* *	2-8	$982,300	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Pitting Throughout								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Wall Between Columns At Bottom								
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	$50,800	
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$2,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chain Link Fence And Box Beam Railing								
Sidewalks								
Concrete	80%			2032	* *	5	$7,200	
Concrete	20%	4+	$4,000	2032	* *	5	$3,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout, Large Crack At Sidewalk Over Eastern End Of Tunnel								

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

DEPARTMENT OF TRANSPORTATION - 841
EAST 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST
Asset # : 2488

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Asphalt	90%			2028	$303,800	5	$33,000	
Asphalt	10%	4+	$3,400	2028	$33,800	5	$16,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : West Side								
Explanation : Plants And Garden								
Superstructure								
Deck,Structural								
Concrete	100%	4+	$134,900	LIFE	* *	5	$38,900	
Cracks, Extent : Light, Area Affected : 2%								
Location : Cracks With Efflorescence At Deck Supporting Subway								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Underside Of Deck								
Explanation : Peeling Paint								
Primary Member								
Concrete Encased Steel	100%			LIFE	* *	5	$181,000	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **EAST 174TH STREET/AMTRAK BRIDGE SHERIDAN EXPRESSWAY I895/AMTRAK**		
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	: **22-Nov-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2066720**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$564,600	$1,615,300
Total	**$564,600**	**$1,615,300**
Importance Code A	$103,000	$517,900
Importance Code B	$359,800	$944,200
Importance Code C	$101,800	$153,200
Total	**$564,600**	**$1,615,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$164,700	$3,300	$142,200	$15,300
Total	**$164,700**	**$3,300**	**$142,200**	**$15,300**
Importance Code A	$74,500	$2,800	$47,500	
Importance Code B	$43,200		$94,700	
Importance Code C	$47,000	$500		$15,300
Total	**$164,700**	**$3,300**	**$142,200**	**$15,300**

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 174TH STREET/AMTRAK BRIDGE SHERIDAN EXPRESSWAY I895/AMTRAK

Asset # : 2440

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	25%			LIFE		* *		
Concrete	34%	4+	$9,100	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations On Bridge Seat								
Concrete	41%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 50%								
Location : East Abutment								
Explanation : Not Accessible								
Backwall								
Concrete	11%	4+	$8,500	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : West Abutment								
Concrete	39%			LIFE		* *		
Concrete	50%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 50%								
Location : East Abutment								
Explanation : Not Accessible								
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 50%								
Location : East Abutment								
Explanation : Not Accessible								
Steel	50%			LIFE		* *		
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	$23,900	LIFE		* *		
Loose Elements, Extent : Light, Area Affected : 15%								
Location : West Abutment								
Mat (scour & erosion)								
Earth	50%			LIFE		* *		
Other Observation, Extent : Light, Area Affected : 50%								
Location : East Abutment								
Explanation : Not Accessible								
Earth	50%			LIFE		* *		
Pedestals								
No Component	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : East Abutment								
Explanation : Not Accessible								
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

EAST 174TH STREET/AMTRAK BRIDGE SHERIDAN EXPRESSWAY I895/AMTRAK

Asset # : 2440

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Stem (breastwall)								
Concrete	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : East Abutment								
Explanation : Not Accessible								
Concrete	50%			LIFE	* *			
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	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : River Banks								
Explanation : East Bank Has Riprap, West Bank Is Earth								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	70%			2030	$50,000	4	$1,400	
Asphalt	30%	4+	$12,900	2030	$21,400	4	$1,000	
Cracks, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : At East Approach								
Explanation : Rutting								
Concrete	100%	4+	$9,300	2038	* *	4	$15,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
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

EAST 174TH STREET/AMTRAK BRIDGE SHERIDAN EXPRESSWAY I895/AMTRAK

Asset # : 2440

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	100%	4+	$8,600	LIFE	* *	5	$900	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2038	* *	4		
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steel Wall Panel 230 Feet, And Chain Link Fence With 4-steel Rails On East Approach								
Sidewalks								
Concrete	55%	4+	$5,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	45%			LIFE	* *			
Piers								
Cap Beam								
Concrete	100%	4+	$21,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Random Locations Throughout								
Pier,Columns								
Concrete	100%	4+	$145,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Loss of Section, Extent : Light, Area Affected : 2%								
Location : Coping At Top Of Pier 3								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$85,500	
Stem,Solid Pier								
Concrete	100%	4+	$214,800	LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Spall With Exposed Rebar								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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 174TH STREET/AMTRAK BRIDGE SHERIDAN EXPRESSWAY I895/AMTRAK

Asset # : 2440

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Brngs,Ancr Blts,Pads								
Steel	50%			LIFE	* *	2-8	$5,900	
Steel	50%			LIFE	* *	2-8	$5,900	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location :								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%	4+	$1,700	LIFE	* *			
Erosion, Extent : Moderate, Area Affected : 2%								
Location : Near Pier 6								
Pedestals								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$9,300	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Piers 5 And 6, Temporary Shoring At Pier 5								
Loss of Section, Extent : Severe, Area Affected : 30%								
Location : Piers 5 And 6, Temporary Shoring Installed								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 100%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Guide Railing								
Steel	100%			LIFE	* *			
Loose Fastenings, Extent : Light, Area Affected : 2%								
Location : Midspan South Sidewalk								
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Both Sides Of The Truss Bridge								
Explanation : Corrugated Guide Rail With 3-pipe Railing								
Median								
Concrete	100%	4+	$33,500	LIFE	* *	5	$16,800	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2038	* *	4	$8,400	
Steel	100%			LIFE	* *	2-8	$32,500	
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Throughout								

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

DEPARTMENT OF TRANSPORTATION - 841

EAST 174TH STREET/AMTRAK BRIDGE SHERIDAN EXPRESSWAY I895/AMTRAK

Asset # : 2440

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	90%			2034	* *	5	$30,600	
Concrete	10%	4+	$43,800	2034	* *	5	$15,300	
Cracks, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	$58,000	2038	* *	5	$81,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout Along The Curb								
Explanation : Total Of 8 Scuppers								
Superstructure								
Deck,Structural								
Concrete	85%			LIFE	* *	5	$30,300	
Concrete	15%	4+	$103,000	LIFE	* *	5	$30,300	
Cracks, Extent : Light, Area Affected : 25%								
Location : Throughout, Concentrated At Piers 3 And 5								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 25%								
Location : Throughout, Concentrated At Piers 3 And 5								
Joints								
Generic	80%			LIFE	* *			
Generic	20%	4+	$11,300	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Loose Elements, Extent : Moderate, Area Affected : 20%								
Location : At Span 4								
Primary Member								
Steel	100%			LIFE	* *	2-8	$854,100	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Secondary Member								
Steel	99%			LIFE	* *	2-8	$715,500	
Steel	1%	4+	$10,000	LIFE	* *	2-8	$715,500	
Loss of Section, Extent : Moderate, Area Affected : 2%								
Location : At Span 6								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paint Peeling								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **EAST 60TH STREET FDR DRIVE**		
Address	: **EASTERN END OF E 60TH STREET JOHN FINLEY WALK OVER FDR**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0237.000 / 14977**	**Yr Built/Renovated**	: **1941 /**
Area Sq Ft	: **23,007**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **14-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2233040**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$115,900	$172,500
Total	**$115,900**	**$172,500**
Importance Code A	$115,900	$115,900
Importance Code C		$56,500
Total	**$115,900**	**$172,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$85,900		$12,100	
Total	**$85,900**		**$12,100**	
Importance Code A	$17,800		$12,100	
Importance Code C	$68,100			
Total	**$85,900**		**$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
EAST 60TH STREET FDR DRIVE
Asset # : 14977

Bridge Structure	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								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
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%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	$24,600	LIFE		* *		
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Feature Crossed								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	$2,900	2031		* *	4	$2,300
Cracks, Extent : Light, Area Affected : 5%								
Location : South Approach								
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Approach								
Explanation : 50 Percent Asphalt Pavers								
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
EAST 60TH STREET FDR DRIVE
Asset # : 14977

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2039	* *	4	$1,500	
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
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	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Rust								
Railings/Parapets								
Concrete	100%			2039	* *	4	$20,600	
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 95 Percent Concrete								
Steel	100%			LIFE	* *	2-8	$46,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 5 Percent Steel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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 60TH STREET FDR DRIVE
Asset # : 14977

Bridge Structure	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								
Sidewalks								
Concrete	100%			2035	* *	5	$3,000	
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%	4+	$5,800	2031	* *	5	$13,000	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Spans								
Explanation : 80 Percent Asphalt								
Concrete	100%	4+	$33,400	2039	* *	5	$56,500	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Spans								
Explanation : 20 Percent Concrete								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%	4+	$1,500	LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Primary Member								
Concrete Encased Steel	100%			LIFE	* *	5	$231,900	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Bottom Of Steel Beams Over FDR								
Explanation : Rusted Steel, 8 Percent Concrete Encased Steel								
Prestressed Concrete Box Beam	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Spans								
Explanation : 20 Percent Prestressed Concrete Box Beams								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 72 Percent Not Accessible								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **EAST TREMONT AVENUE BRONX RIVER**
Address : **E. TREMONT AVE OVER BRONX RIVER AT E 177TH STREET & BOSTON RD.**
Borough : **BRONX**
Agency's Number : **N/A**
Program / Asset # : **DOT0254.000 / 14994**
Yr Built/Renovated : **1938 /**
Area Sq Ft : **12,160**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **16-Oct-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2242149**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$120,400	$120,400
Total	**$120,400**	**$120,400**
Importance Code A	$120,400	$120,400
Total	**$120,400**	**$120,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$113,100		$20,500	$32,100
Total	**$113,100**		**$20,500**	**$32,100**
Importance Code A	$63,000		$12,200	
Importance Code B	$8,500		$700	
Importance Code C	$41,600		$7,600	$32,100
Total	**$113,100**		**$20,500**	**$32,100**

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 TREMONT AVENUE BRONX RIVER
Asset # : 14994

Bridge Structure	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	* *			
Backwall								
Masonry	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2050	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Masonry: Granite	100%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	* *			
Mat (scour & erosion)								
Stream Bed	100%			LIFE	* *			
Pier Protection								
Concrete	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	3%	4+	$15,800	2031	* *	4	$15,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Asphalt	97%			2031	* *	4	$15,200	

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
EAST TREMONT AVENUE BRONX RIVER
Asset # : 14994

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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+	$1,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5	$1,800	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$1,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Stem,Solid Pier								
Masonry	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2050	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$4,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Median								
Concrete	100%			LIFE	* *	5	$1,900	
Railings/Parapets								
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
EAST TREMONT AVENUE BRONX RIVER
Asset # : 14994

Bridge Structure	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								
Sidewalks								
Concrete	100%	4+	$17,700	2035	* *	5	$2,600	
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	1%	4+	$6,400	2039	* *	5	$32,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	99%			2039	* *	5	$64,200	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$26,800	
Joints								
Steel	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$385,300	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$19,800	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **EAST TREMONT AVENUE HUTCHINSON RIVER PARKWAY**
Address : **E. TRMONT AVE OVER HUTCHINSON RIVER PKWY**
Borough : **BRONX**
Agency's Number : **N/A**
Program / Asset # : **DOT0253.000 / 14993**
Yr Built/Renovated : **1940 /**
Area Sq Ft : **10,274**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **16-Oct-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2075820**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$101,700	$101,700
Total	**$101,700**	**$101,700**
Importance Code A	$101,700	$101,700
Total	**$101,700**	**$101,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$143,200		$10,900	$600
Total	**$143,200**		**$10,900**	**$600**
Importance Code A	$83,300		$10,300	$600
Importance Code B	$36,000		$600	
Importance Code C	$24,000			
Total	**$143,200**		**$10,900**	**$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
EAST TREMONT AVENUE HUTCHINSON RIVER PARKWAY
Asset # : 14993

Bridge Structure	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%	4+	$10,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2050	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry: Brownstone	100%			LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Roadway/Path, Extent : Light, Area Affected : 100%								
Location : Throughout								
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 HUTCHINSON RIVER PARKWAY
Asset # : 14993

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	$6,900	2031	* *	4	$5,600	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 80%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%			2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 75 Percent Masonry								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 25 Percent Steel								
Sidewalks								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Stem,Solid Pier								
Concrete	1%	4+	$28,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	99%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2050	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	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
EAST TREMONT AVENUE HUTCHINSON RIVER PARKWAY
Asset # : 14993

Bridge Structure	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								
Curbs								
Concrete w/ Steel Face	100%	4+	$4,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Masonry	100%			2039	* *	5	$1,200	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Missing Joint , 10 Percent Masonry								
Steel	100%			LIFE	* *	2-8	$4,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 90 Percent Steel								
Sidewalks								
Concrete	100%	4+	$5,600	2035	* *	5	$2,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%	4+	$11,400	2031	* *	5	$5,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	1%	4+	$21,300	LIFE	* *	5	$11,300	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	99%			LIFE	* *	5	$22,600	
Joints								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	* *	2-8	$325,500	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$16,700	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **31-Aug-2016** | **Landmark Status** : **NONE**
Areas Surveyed :
Block : **Lot** : | **BIN** : **2241270**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$167,100	$731,900
Total	**$167,100**	**$731,900**
Importance Code A		$264,200
Importance Code B	$94,100	$39,300
Importance Code C	$73,000	$428,400
Total	**$167,100**	**$731,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$114,100		$26,300	
Total	**$114,100**		**$26,300**	
Importance Code A	$19,500		$22,300	
Importance Code B	$23,000		$3,900	
Importance Code C	$71,600			
Total	**$114,100**		**$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
EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK
Asset # : 13518

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$23,000	LIFE	* *			
Missing/Damaged Seal, Extent : Light, Area Affected : 10%								
Location : Both Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	12%	4+	$94,100	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 40%								
Location : Random Locations Throughout								
Concrete	88%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	$13,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Masonry	80%	4+	$8,600	LIFE	* *			
Joint Motar Miss/Erod, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Abutment North Wingwall								
Explanation : One Wingwall Is Masonry And Lies Adjacent To Buildings; The Other Three Wingwalls Are Concrete.								
Masonry	20%			LIFE	* *			
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

EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK

Asset # : 13518

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	85%	4+	$12,000	2029	$240,000	4	$7,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout All Approaches								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Begin And End Approaches								
Explanation : Approach Pavement Is 15 Percent Concrete And 85 Percent Asphalt								
Asphalt	15%			2029	$42,400	4	$10,900	
Concrete	100%	4+	$8,800	2037	* *	4	$11,100	
Cracks, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Both Joint Headers								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 20%								
Location : Throughout								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	80%	4+	$10,800	LIFE	* *	5	$2,600	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	20%			LIFE	* *	5	$2,600	
Sidewalks								
Concrete	60%	4+	$5,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	40%			LIFE	* *			
Piers								
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$113,200	
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
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

EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK

Asset # : 13518

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations								
Median								
Concrete	85%			LIFE	* *	5	$21,700	
Concrete	15%	4+	$8,500	LIFE	* *	5	$21,700	
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2037	* *	4	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Concrete Parapet								
Steel	100%			LIFE	* *	2-8	$4,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Steel Railing								
Sidewalks								
Concrete	100%	4+	$8,000	2033	* *	5	$5,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	18%	4+	$12,300	2037	* *	5	$73,000	
Spalling, Extent : Light, Area Affected : 2%								
Location : Along Armored Joint Along East And West Abutments								
Concrete	82%			2037	* *	5	$146,000	
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	* *	2-8	$412,300	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	:	**ERSKINE STREET BELT PARKWAY**			
Address	:	**ERSKINE STREET OVER BELT PARKWAY**			
Borough	:	**BROOKLYN**	**Agency's Number**	:	**N/A**
Program / Asset #	:	**DOT0226.000 / 14961**	**Yr Built/Renovated**	:	**2000 /**
Area Sq Ft	:	**8,258**	**Project Type**	:	**HIGHWAY BRIDGES**
Date of Survey	:	**05-Mar-2018**	**Landmark Status**	:	**NONE**
Areas Surveyed	:				
Block	:	**Lot** :	**BIN**	:	**2269600**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$364,700
Total		**$364,700**
Importance Code A		$364,700
Total		**$364,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure		$10,500	$60,000	$700
Total		**$10,500**	**$60,000**	**$700**
Importance Code A		$900	$36,800	
Importance Code B			$2,200	
Importance Code C		$9,700	$21,000	$700
Total		**$10,500**	**$60,000**	**$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
ERSKINE STREET BELT PARKWAY
Asset # : 14961

Bridge Structure	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	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2049	* *			
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	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Asphalt	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%			2038	* *	4	$29,000	
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2038	* *	4	$2,600	
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
ERSKINE STREET BELT PARKWAY
Asset # : 14961

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE	* *			
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$5,300	
Sidewalks								
Concrete	100%			2034	* *	5	$1,500	
Wearing Surface								
Concrete	100%			2038	* *	5	$42,000	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$9,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Covered By Stay In Place Forms								
Primary Member								
Steel	100%			LIFE	* *	2-8	$681,200	
Corrosion, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout Bottom Flange								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$34,200	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **FDR NB E 42ND TO E 49TH STREET EAST RIVER SHORELINE**		
Address	: **FDR NORTHBOUND FROM E 42ND ST. TO E 49TH .**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0236.000 / 14976**	**Yr Built/Renovated**	:
Area Sq Ft	: **24,758**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **30-Nov-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2268650**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$123,100	
Total	**$123,100**	
Importance Code A	$71,600	
Importance Code C	$51,500	
Total	**$123,100**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$23,400		$300	
Total	**$23,400**		**$300**	
Importance Code A	$2,900			
Importance Code C	$20,500		$300	
Total	**$23,400**		**$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
FDR NB E 42ND TO E 49TH STREET EAST RIVER SHORELINE
Asset # : 14976

Bridge Structure	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								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
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%							
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	13%	4+	$6,100	2031	* *	4	$700	
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Asphalt	87%			2031	* *	4	$700	
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Explanation : Rust								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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 E 42ND TO E 49TH STREET EAST RIVER SHORELINE
Asset # : 14976

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 35 Percent Cast Iron								
Concrete	100%	4+	$2,900	2039	* *	4	$1,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 65 Percent Concrete								
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	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Explanation : Rust								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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 E 42ND TO E 49TH STREET EAST RIVER SHORELINE

Asset # : 14976

Bridge Structure	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								
Railings/Parapets								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 35 Percent Cast Iron								
Concrete	100%	4+	$71,600	2039	* *	4	$32,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 65 Percent Concrete								
Wearing Surface								
Asphalt	100%	4+	$14,400	2031	* *	5	$11,600	
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Near Curb Side								
Explanation : 24 Scuppers Observed								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Steel	100%	4+	$51,500	LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Near Concrete Header								
Spalling, Extent : Light, Area Affected : 5%								
Location : Near Concrete Header								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **FDR NB RAMP/SOUTH ST**		
Address	: **OFF RAMP @PACK SLIP**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0027.0A0 / 4323**	**Yr Built/Renovated**	: **1954 /**
Area Sq Ft	: **102,200**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **26-Aug-2015**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **223201A**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$342,500	$3,262,900
Total	**$342,500**	**$3,262,900**
Importance Code A	$290,700	$1,502,500
Importance Code B	$51,800	$1,169,900
Importance Code C		$590,600
Total	**$342,500**	**$3,262,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$13,700		$284,400	$3,700
Total	**$13,700**		**$284,400**	**$3,700**
Importance Code A			$150,700	$2,500
Importance Code B			$117,300	
Importance Code C	$13,700		$16,400	$1,200
Total	**$13,700**		**$284,400**	**$3,700**

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		
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%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : End Abutment Is Within Contractor Staging Area								
Explanation : Under Construction,								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : End Abutment								
Explanation : Under Construction								
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Under Construction								
Walls								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Under Construction								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Under Construction								
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	60%			2028	$102,400	4	$2,400	
Asphalt	40%	2-4	$13,700	2028	$68,300	4	$2,400	
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Minor Spalls With Deteriorated Surface (End Approach)								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : At Surface Of End Approach								
Explanation : Rutting								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Piers								
Cap Beam								
Concrete	75%			LIFE	* *			
Concrete	25%	4+	$290,700	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Delaminations, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$1,135,000	
Pier,Columns								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$51,800	LIFE	* *			
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Cracks And Spalling Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Spalls With And Without Exposed Reinforcement Are Covered With Steel Mesh								
Steel	100%			LIFE	* *	2-8	$455,900	
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
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		
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	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Wearing Surface								
Asphalt	100%			2028	$419,800	5	$32,900	
Scupper								
Cast Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$31,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stay In Place Form Is Observed Under Deck								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$1,889,300	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$1,582,700	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **FDR SB RAMP/SOUTH ST**
Address : **DOVER AND SOUTH STREETS**
Borough : **MANHATTAN**
Program / Asset # : **DOT0027.0B0 / 4324**
Area Sq Ft : **44,600**
Date of Survey : **26-Aug-2015**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1954 /**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **223201B**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$895,800	$2,855,000
Total	**$895,800**	**$2,855,000**
Importance Code A	$767,400	$1,797,100
Importance Code B	$128,400	$679,000
Importance Code C		$378,900
Total	**$895,800**	**$2,855,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$70,100		$250,500	$1,200
Total	**$70,100**		**$250,500**	**$1,200**
Importance Code A	$14,500		$172,700	
Importance Code B	$31,900		$68,100	
Importance Code C	$23,700		$9,700	$1,200
Total	**$70,100**		**$250,500**	**$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

FDR SB RAMP/SOUTH ST

Asset # : 4324

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%	4+	$3,900	LIFE	* *			
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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+	$10,000	LIFE	* *			
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : End Abutment Is Within Contractor Staging Area								
Explanation : Under Construction								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	$4,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	90%			2028	$139,400	4	$2,400	
Asphalt	10%	2-4	$6,200	2028	$15,500	4	$2,400	
Cracks, Extent : Severe, Area Affected : 50%								
Location : Random Locations Throughout								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
Granite	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 30%								
Location : End Approach								
Explanation : Covered By Construction Fence								
Piers								
Cap Beam								
Steel	90%			LIFE	* *	2-8	$961,100	
Steel	10%	4+	$67,100	LIFE	* *	2-8	$961,100	
Loss of Section, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Pier,Columns								
Steel	90%			LIFE	* *	2-8	$342,000	
Steel	10%	4+	$128,400	LIFE	* *	2-8	$342,000	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Stem,Solid Pier								
Concrete	100%	4+	$18,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$5,000	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Steel	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

FDR SB RAMP/SOUTH ST

Asset # : 4324

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Concrete	100%			2036	* *	4		
Granite	100%			LIFE	* *			
Steel	100%	4+	$10,700	LIFE	* *	2-8	$17,000	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	80%			2028	$179,200	5	$19,300	
Asphalt	20%	2-4	$13,400	2028	$44,800	5	$9,700	
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	60%			LIFE	* *	5	$19,800	
Concrete	40%	2-4	$311,200	LIFE	* *	5	$19,800	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Honeycombing								
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		
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	$21,600	
Concrete	30%	0-2	$293,900	LIFE	* *	5	$21,600	
Cracks, Extent : Severe, Area Affected : 75%								
Location : Random Locations At Spans 9-10								
Efflorescence, Extent : Severe, Area Affected : 75%								
Location : Random Locations At Spans 9-10								
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Random Locations At Spans 9-10								
Spalling, Extent : Light, Area Affected : 15%								
Location : Random Locations At Spans 9-10								
Other Observation, Extent : Severe, Area Affected : 75%								
Location : Random Locations At Spans 9-10								
Explanation : Stalactite, Map Cracks With Wet Stains And Scaling								
Steel	95%			LIFE	* *	2-8	$824,500	
Steel	5%	4+	$95,200	LIFE	* *	2-8	$824,500	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Paint Peeling And Temporary Support Near Pier 6								
Secondary Member								
Steel	100%	4+	$3,700	LIFE	* *	2-8	$690,700	
Corrosion, Extent : Severe, Area Affected : 1%								
Location : Span 6, End Diaphragm Of Bays 1 And 3 At Pier 6								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$909,800	$2,324,400
Total	**$909,800**	**$2,324,400**
Importance Code A	$909,800	$1,387,900
Importance Code B		$694,000
Importance Code C		$242,500
Total	**$909,800**	**$2,324,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$53,700		$208,800	
Total	**$53,700**		**$208,800**	
Importance Code A			$139,200	
Importance Code B			$69,600	
Importance Code C	$53,700			
Total	**$53,700**		**$208,800**	

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

FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET

Asset # : 4208

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : The Condition Of The Component Is Recorded Per NYS Inspection Report.								
Backwall								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Component Is Recorded Per NYS Inspection Report.								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Component Is Recorded Per NYS Inspection Report.								
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Component Is Recorded Per NYS Inspection Report.								
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Component Is Recorded Per NYS Inspection Report.								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	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 VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET

Asset # : 4208

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	$24,300	2028	$242,500	4	$4,300	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Concrete	100%			2036	* *	4		
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
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	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : At East Face Of Pier 33								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%	4+	$43,600	2036	* *	4	$9,700	
Cracks, Extent : Light, Area Affected : 2%								
Location : At Joints Along Fascia								
Wearing Surface								
Concrete	100%			2036	* *	5	$58,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stay In Place Form Is Observed Underneath The Deck								
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		
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	$15,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stay In Place Form Is Observed								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	10%	4+	$866,200	LIFE	* *	2-8	$1,296,200	
Corrosion, Extent : Light, Area Affected : 2%								
Location : Impact Marks With Rust Stains To Bottom Flange Of Girders In Span 34								
Steel	90%			LIFE	* *	2-8	$1,296,200	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$1,085,800	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **02-Sep-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2246570**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$119,400	$6,768,500
Total	**$119,400**	**$6,768,500**
Importance Code A		$654,700
Importance Code C	$119,400	$6,113,800
Total	**$119,400**	**$6,768,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$91,600		$1,200	
Total	**$91,600**		**$1,200**	
Importance Code A	$34,700		$1,200	
Importance Code B	$15,500			
Importance Code C	$41,500			
Total	**$91,600**		**$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
FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL
Asset # : 2513

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Tile	100%	4+	$15,500	LIFE	* *			
Leakage, Extent : Light, Area Affected : 5%								
Location : Span 1 West Face								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Granite	100%			LIFE	* *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	95%			2029	$4,947,600	4	$72,500	
Asphalt	5%	4+	$78,100	2029	$260,400	4	$48,300	
Cracks, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Granite	85%			LIFE	* *			
Granite	15%	2-4	$1,900	LIFE	* *			
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Embankment								
Not Accessible	100%							
Guide Railing								
Steel	100%			LIFE	* *	2-8	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughoout								
Explanation : Stainless Steel Bollard								
Median								
Concrete	100%			LIFE	* *	5		
Railings/Parapets								
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
FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL
Asset # : 2513

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Cobblestone	100%			LIFE	* *			
Recent Replace Evident, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Approach								
Explanation : Consists Of 50 Percent Concrete, 20 Percent Cobblestone And 30 Percent Concrete Pavers								
Masonry	100%			LIFE	* *			
Broken,Missing Pave, Extent : Light, Area Affected : 5%								
Location : Random Locations Along East Approach								
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	* *			
Guide Railing								
Steel	100%			LIFE	* *			
Median								
Concrete	20%	4+	$5,100	LIFE	* *	5	$15,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	80%			LIFE	* *	5	$15,600	
Railings/Parapets								
Concrete	100%			2037	* *	4	$32,000	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$29,300	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%			2033	* *	5	$82,600	
Wearing Surface								
Asphalt	100%	4+	$17,300	2029	$864,500	5	$30,500	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Superstructure								

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

DEPARTMENT OF TRANSPORTATION - 841

FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL

Asset # : 2513

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	5%	4+	$17,000	LIFE	* *	5	$90,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Tiles Are Observed								
Concrete	95%			LIFE	* *	5	$90,200	
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$177,700	$469,800
Total	**$177,700**	**$469,800**
Importance Code A		$139,100
Importance Code B	$141,000	$139,100
Importance Code C	$36,600	$191,500
Total	**$177,700**	**$469,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$31,500	$2,800	$28,600	$14,300
Total	**$31,500**	**$2,800**	**$28,600**	**$14,300**
Importance Code A	$17,300		$14,700	$4,300
Importance Code B			$14,000	
Importance Code C	$14,200	$2,800		$10,000
Total	**$31,500**	**$2,800**	**$28,600**	**$14,300**

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
FLATBUSH AVE. BRIDGE
Asset # : 13669

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Northeast Corner								
Explanation : Vegetation Growth								
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	Now	$141,000	LIFE	* *			
Cracks, Extent : Severe, Area Affected : 75%								
Location : Random Locations Throughout								
Spalling, Extent : Severe, Area Affected : 75%								
Location : Random Locations Throughout								
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	* *			
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Granite	100%			LIFE	* *			
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Wingwalls								
Explanation : Stone Facing On Concrete Wingwalls								
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	80%			2028	$123,900	4	$3,400	
Asphalt	20%	4+	$3,100	2028	$31,000	4	$3,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Northeast Side Of The Approach Around Con Edison Manhole								
Concrete	100%			2036	* *	4	$16,600	
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Steel	80%			LIFE	* *	2-8	$5,800	
Steel	20%	4+	$8,900	LIFE	* *	2-8	$5,800	
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Northeast And Southwest								
Explanation : Collision Damage, Fire Hydrant And Fenders Are Tilted. Corrugated Steel Railings Are Bent.								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : All Approach Sidewalks								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Masonry	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Ends Of Pier Wall								
Explanation : Stone Veneer Full Height Of Pier								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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		
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	* *			
Rust Stains, Extent : Light, Area Affected : 80%								
Location : Throughout								
Median								
Concrete	100%			LIFE	* *	5	$1,600	
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Mono Deck Surface								
Concrete	100%			2047	* *	5	$73,300	
Cracks, Extent : Light, Area Affected : 2%								
Location : Crack In Deck Over The Pier								
Railings/Parapets								
Concrete	95%			2036	* *	4	$8,500	
Concrete	5%	4+	$3,100	2036	* *	4	$8,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$11,700	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Vegetation Growth								
Sidewalks								
Concrete	55%			2032	* *	5	$5,600	
Concrete	45%	4+	$11,100	2032	* *	5	$2,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	* *	5	$15,500	
Rust Stains, Extent : Light, Area Affected : 2%								
Location : On Sip Forms								
Concrete	5%	4+	$5,400	LIFE	* *	5	$15,500	
Cracks, Extent : Light, Area Affected : 2%								
Location : Corrosion To Sip Forms In Southeast Bay								
Primary Member								
Steel	100%			LIFE	* *	2-8	$259,900	
Rust Stains, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$217,700	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **18-Oct-2016**		**Landmark Status**	: **NONE**	
Areas Surveyed	:				
Block	:	**Lot** :	**BIN**	: **205580A**	

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$151,600
Total		**$151,600**
Importance Code C		$151,600
Total		**$151,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$48,700		$2,200	
Total	**$48,700**		**$2,200**	
Importance Code A			$300	
Importance Code B	$7,300			
Importance Code C	$41,400		$1,900	
Total	**$48,700**		**$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
FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND
Asset # : 2561

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$7,300	LIFE	* *			
Missing/Damaged Seal, Extent : Light, Area Affected : 20%								
Location : Both Abutments								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Stem Wall Is Located Behind Enclosure Wall With Locked Door At West Side Abutment								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	95%			LIFE	* *			
Concrete	5%	4+	$11,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : North Side								
Cracks, Extent : Light, Area Affected : 5%								
Location : North Side								
Vegetation Growth, Extent : Moderate, Area Affected : 80%								
Location : North Side								
Approaches								
Pavement								
Asphalt	100%			2029	$151,600	4	$4,000	
Concrete	100%	4+	$4,700	2037	* *	4	$10,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
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.*

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

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE	* *			
Embankment								
Generic	100%			LIFE	* *			
Guide Railing								
Steel	100%			LIFE	* *	2-8	$2,900	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2037	* *	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : West Side								
Explanation : Concrete Barrier								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Side								
Explanation : Steel Fence								
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%			2048	* *			
Guide Railing								
Concrete	100%			2041	* *			
Mono Deck Surface								
Concrete	100%	4+	$10,500	2048	* *	5	$21,100	
Cracks, Extent : Light, Area Affected : 20%								
Location : Scattered Throughout								
Spalling, Extent : Light, Area Affected : 40%								
Location : Scattered Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$6,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steel Fence								
Sidewalks								
Concrete	100%			2033	* *	5	$3,800	

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 N.BLVD WB TO VWE SB/VACANT LAND
Asset # : 2561

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Scupper								
Ductile Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$9,400	
Joints								
Generic	100%	4+	$13,900	LIFE	* *			
Missing/Damaged Seal, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Broken/ Missing Steel Plates								
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.*

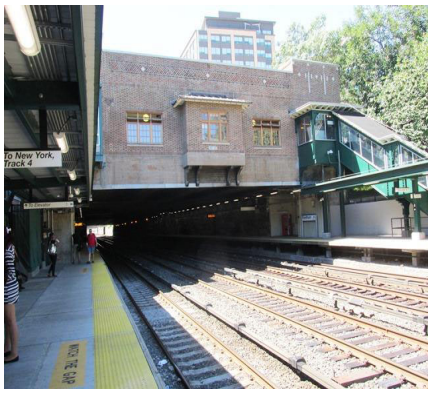
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **22-Aug-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2241839**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$70,200	$595,900
Total	**$70,200**	**$595,900**
Importance Code A		$455,500
Importance Code C	$70,200	$140,400
Total	**$70,200**	**$595,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$41,100		$41,800	
Total	**$41,100**		**$41,800**	
Importance Code A	$2,300		$39,900	
Importance Code C	$38,800		$2,000	
Total	**$41,100**		**$41,800**	



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
FORDHAM PLAZA METRO NORTH RAILROAD
Asset # : 2482

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	2%	4+	$2,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Throughout								
Concrete	98%			LIFE	* *			
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	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Explanation : Not Accessible For Inspection. Requires Railroad Flagman.								
Walls								
Granite	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Throughout								
Explanation : Stone Facing Not Accessible For Inspection. Requires Railroad Flagman.								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%			LIFE	* *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%			2037	* *	4	$97,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Consists Of 10 Percent Concrete And 90 Percent Concrete Pavers								
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
FORDHAM PLAZA METRO NORTH RAILROAD
Asset # : 2482

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	100%			LIFE	* *	5		
Railings/Parapets								
Schist/Gneiss	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Side								
Explanation : Only One Side Of Bridge Has Railing								
Sidewalks								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Granite	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Specifically, Stone								
Median								
Concrete	100%			LIFE	* *	5		$5,400
Railings/Parapets								
Concrete	100%			2037	* *	4		
Schist/Gneiss	100%			LIFE	* *			
Steel	100%			LIFE	* *	2-8		$2,500
Sidewalks								
Concrete	65%	4+	$3,200	2033	* *	5		$2,000
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	35%			2033	* *	5		$3,900
Wearing Surface								
Concrete	93%			2041	* *	5		$140,400
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underneath Of Median Plaza Area								
Explanation : Not Accessible								
Concrete	7%	4+	$3,000	2037	* *	5		$70,200
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5		$58,800
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations On Stay In Place Forms								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Explanation : Not Accessible And Covered With Stay-In-Place Forms For Inspection. Requires Railroad Flagman.								

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

DEPARTMENT OF TRANSPORTATION - 841
FORDHAM PLAZA METRO NORTH RAILROAD
Asset # : 2482

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$740,900	
Other Observation, Extent : Light, Area Affected : 50%								
Location : South Side Of Bridge								
Explanation : Not Accessible For Inspection. Requires Railroad Flagman.								
Secondary Member								
Steel	100%			LIFE	* *	2-8		
Other Observation, Extent : Light, Area Affected : 50%								
Location : South Side Of Bridge								
Explanation : Not Accessible For Inspection. Requires Railroad Flagman.								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **FORT HAMILTON BRIDGE**
Address : **FORT HAMILTON PARKWAY**
Borough : **BROOKLYN**
Program / Asset # : **DOT0162.000 / 13570**
Area Sq Ft : **14,800**
Date of Survey : **11-Dec-2017**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1984 /**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2243620**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$547,800	$111,700
Total	**$547,800**	**$111,700**
Importance Code B	$35,700	
Importance Code C	$512,100	$111,700
Total	**$547,800**	**$111,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$31,800	$11,700		$28,200
Total	**$31,800**	**$11,700**		**$28,200**
Importance Code A		$5,300		
Importance Code C	$31,800	$6,400		$28,200
Total	**$31,800**	**$11,700**		**$28,200**

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
FORT HAMILTON BRIDGE
Asset # : 13570

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2049	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Stem (breastwall)								
Concrete	35%	4+	$35,700	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Leakage, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	65%			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+	$11,200	2030	$111,700	4	$1,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Approach Pavement Is 60 Percent Asphalt And 40 Percent Concrete								
Concrete	100%			2038	* *	4	$19,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Approach Pavement Is 40 Percent Concrete And 60 Percent Asphalt								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Moderate, Area Affected : 50%								
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
FORT HAMILTON BRIDGE
Asset # : 13570

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Concrete	100%			2038	* *	4		
Other Observation, Extent : Light, Area Affected : 50%								
Location : North Side								
Explanation : Component Exists On One Side Only								
Sidewalks								
Concrete	50%	4+	$10,400	LIFE	* *			
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Northwest Corner								
Concrete	50%			LIFE	* *			
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	* *			
Rust Stains, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Mono Deck Surface								
Concrete	100%			2049	* *	5	$42,000	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2038	* *	4	$15,800	
Sidewalks								
Concrete	50%	4+	$10,200	2034	* *	5	$7,100	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Adjacent To Joint Header								
Concrete	50%			2024	$512,100	5	$14,300	
Superstructure								
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
FORT HAMILTON BRIDGE
Asset # : 13570

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Not Accessible	100%							

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **GRAND CONCOURSE EAST BURNSIDE AVENUE**
Address : **GRAND CONCOURSE OVER E. BURNSIDE AVE. BET. E 179TH & E 180TH STS.**
Borough : **BRONX**
Agency's Number : **N/A**
Program / Asset # : **DOT0256.000 / 14996**
Yr Built/Renovated : **1923 /**
Area Sq Ft : **8,190**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **16-Oct-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2242360**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$229,500	$175,900
Total	**$229,500**	**$175,900**
Importance Code A	$144,100	$144,100
Importance Code B	$85,400	$31,800
Total	**$229,500**	**$175,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$182,800		$18,900	
Total	**$182,800**		**$18,900**	
Importance Code A	$90,100		$15,200	
Importance Code B	$46,800		$3,700	
Importance Code C	$45,900			
Total	**$182,800**		**$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
GRAND CONCOURSE EAST BURNSIDE AVENUE
Asset # : 14996

Bridge Structure	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%	4+	$17,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Stem (breastwall)								
Concrete	1%	4+	$53,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Concrete	99%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	1%	4+	$23,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Concrete	99%			LIFE	* *			
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Roadway/Path, 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
GRAND CONCOURSE EAST BURNSIDE AVENUE
Asset # : 14996

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Concrete	100%	4+	$14,300	LIFE	* *			
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Cracks								
Approaches								
Pavement								
Asphalt	100%	4+	$13,800	2031	* *	4	$12,200	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$243,900	
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$150,100	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2039	* *	4	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Steel	100%			LIFE	* *	2-8	$3,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Sidewalks								
Concrete	100%	4+	$3,900	2035	* *	5	$1,800	
Cracks, Extent : Light, Area Affected : 4%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
GRAND CONCOURSE EAST BURNSIDE AVENUE
Asset # : 14996

Bridge Structure	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								
Wearing Surface								
Asphalt	100%	4+	$4,400	2031	* *	5	$4,300	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$18,100	
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Joints								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	* *	2-8	$259,500	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$13,300	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **GRAND CONCOURSE EAST KINGSBRIDGE ROAD**
Address : **GRAND CONCOURSE BETWEEN E 193RD AND E 196TH STS.**
Borough : **BRONX**
Agency's Number : **N/A**
Program / Asset # : **DOT0255.000 / 14995**
Yr Built/Renovated : **1920 /**
Area Sq Ft : **18,630**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **16-Oct-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2242340**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$451,300	$339,400
Total	**$451,300**	**$339,400**
Importance Code A	$219,900	$225,400
Importance Code B	$231,300	$114,000
Total	**$451,300**	**$339,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$281,600		$43,000	
Total	**$281,600**		**$43,000**	
Importance Code A	$88,300		$18,600	
Importance Code B	$119,900		$12,500	
Importance Code C	$73,400		$11,900	
Total	**$281,600**		**$43,000**	

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
GRAND CONCOURSE EAST KINGSBRIDGE ROAD
Asset # : 14995

Bridge Structure	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								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Stem (breastwall)								
Concrete Encased Steel	100%	4+	$117,300	LIFE		* *		
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Cracks								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	1%	4+	$32,100	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	99%			LIFE		* *		
Feature Crossed								
Bank Protection								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Roadway/Path, Extent : Light, Area Affected : 100%								
Location : Throughout								
Pier Protection								
Concrete	100%	4+	$11,100	LIFE		* *		
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Cracks								
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
GRAND CONCOURSE EAST KINGSBRIDGE ROAD
Asset # : 14995

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	1%	4+	$8,100	2031	* *	4	$23,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Asphalt	99%			2031	* *	4	$23,800	
Embankment								
Generic	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Piers								
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$537,800	
Corrosion, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$1,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%	4+	$3,000	2039	* *	4	$1,700	
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Steel	100%			LIFE	* *	2-8	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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 EAST KINGSBRIDGE ROAD
Asset # : 14995

Bridge Structure	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								
Sidewalks								
Concrete	100%	4+	$3,600	2035	* *	5	$600	
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%	4+	$12,300	2031	* *	5	$12,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 80 Percent Asphalt								
Cobblestone	1%	4+	$17,400	2035	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 18%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Spalling, 20 Percent Cobblestone								
Cobblestone	99%			2035	* *			
Superstructure								
Deck,Structural								
Concrete	1%	4+	$35,500	LIFE	* *	5	$20,500	
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Concrete	99%			LIFE	* *	5	$41,000	
Joints								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	* *	2-8	$590,300	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$30,400	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **22-Nov-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2241409**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$231,000	
Total	**$231,000**	
Importance Code B	$51,500	
Importance Code C	$179,400	
Total	**$231,000**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$71,200	$23,800	$200	
Total	**$71,200**	**$23,800**	**$200**	
Importance Code A	$27,500		$200	
Importance Code C	$43,700	$23,800		
Total	**$71,200**	**$23,800**	**$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		
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	80%	2-4	$51,500	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 15%								
Location : Concrete Joint Headers (1 Foot High By 1 Foot Wide)								
Loose Joint Plates, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Missing/Damaged Seal, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Generic	20%			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)								
Not Accessible	100%							
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
GRAND CONCOURSE BRIDGE
Asset # : 13566

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	80%	4+	$57,300	2038	* *	4	$47,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	20%			2038	* *	4	$71,500	
Curbs								
Concrete w/ Steel Face	100%	4+	$19,700	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : 18 Inch Long Broken Piece Of Curb At Southwest Side								
Spalling, Extent : Light, Area Affected : 5%								
Location : Southeast Approach								
Embankment								
Earth	100%			LIFE	* *			
Railings/Parapets								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$16,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$5,100	LIFE	* *			
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Median								
Concrete	100%	4+	$2,800	LIFE	* *	5	$1,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$5,300	
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%	4+	$26,900	2034	* *	5	$3,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	$122,100	2038	* *	5	$34,400	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								

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

DEPARTMENT OF TRANSPORTATION - 841
GRAND CONCOURSE BRIDGE
Asset # : 13566

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$1,327,000	$3,281,600
Total	**$1,327,000**	**$3,281,600**
Importance Code A	$413,900	$468,300
Importance Code B	$804,600	$981,800
Importance Code C	$108,500	$1,831,500
Total	**$1,327,000**	**$3,281,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$78,200	$3,100	$122,100	$11,900
Total	**$78,200**	**$3,100**	**$122,100**	**$11,900**
Importance Code A	$6,800		$100	
Importance Code B	$18,700		$98,500	
Importance Code C	$52,700	$3,100	$23,600	$11,900
Total	**$78,200**	**$3,100**	**$122,100**	**$11,900**

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

GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST

Asset # : 2501

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$469,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	65%			LIFE	* *			
Concrete Encased Steel	70%	4+	$161,300	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Spalling At Interface With Pedestals								
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+	$54,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	60%			2028	$809,900	4	$23,800	
Asphalt	40%	2-4	$54,000	2028	$539,900	4	$23,800	
Cracks, Extent : Light, Area Affected : 25%								
Location : Random Locations Along Wingwalls								
Settlement, Extent : Moderate, Area Affected : 40%								
Location : Random Locations Along Wingwall Curbs								

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

DEPARTMENT OF TRANSPORTATION - 841

GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST

Asset # : 2501

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	80%			LIFE	* *			
Concrete w/ Steel Face	20%	4+	$4,000	LIFE	* *			
Corrosion, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$13,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Piers								
Pier,Columns								
Steel	98%			LIFE	* *	2-8	$1,413,400	
Steel	2%	4+	$18,700	LIFE	* *	2-8	$1,413,400	
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Stem,Solid Pier								
Concrete	75%			LIFE	* *			
Concrete	25%	4+	$173,400	LIFE	* *			
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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	$1,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : West And East Sidewalk								
Gratings								
Steel	100%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								

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

DEPARTMENT OF TRANSPORTATION - 841

GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST

Asset # : 2501

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Concrete	100%	4+	$1,400	2036	* *	4	$800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$1,900	
Sidewalks								
Concrete	70%			2032	* *	5	$6,200	
Concrete	30%	2-4	$10,100	2032	* *	5	$3,100	
Spalling, Extent : Light, Area Affected : 20%								
Location : West Sidewalk								
Wearing Surface								
Asphalt	70%			2028	$337,200	5	$47,100	
Asphalt	30%	4+	$28,900	2028	$144,500	5	$23,600	
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Near Curbs								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 20%								
Location : West Side								
Explanation : Construction Zone								
Superstructure								
Deck,Structural								
Concrete	80%			LIFE	* *	5	$42,200	
Concrete	20%	4+	$292,100	LIFE	* *	5	$42,200	
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 40%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Primary Member								
Concrete Encased Steel	80%			LIFE	* *	5	$192,000	
Concrete Encased Steel	20%	4+	$121,900	LIFE	* *	5	$192,000	
Efflorescence, Extent : Light, Area Affected : 20%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$619,200	$1,952,400
Total	**$619,200**	**$1,952,400**
Importance Code A		$291,500
Importance Code B	$551,100	$253,900
Importance Code C	$68,100	$1,407,000
Total	**$619,200**	**$1,952,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$24,700	$8,100	$51,700	$55,000
Total	**$24,700**	**$8,100**	**$51,700**	**$55,000**
Importance Code A	$3,900		$26,300	$8,400
Importance Code B			$25,500	
Importance Code C	$20,800	$8,100		$46,700
Total	**$24,700**	**$8,100**	**$51,700**	**$55,000**

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

GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.

Asset # : 4215

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	7%	4+	$551,100	LIFE	* *			
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 40%								
Location : Random Locations Throughout								
Concrete	93%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Northwest Wingwall								
Explanation : Water Stains								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%			2028	$1,338,800	4	$2,600	
Concrete	90%			2036	* *	4	$90,700	
Concrete	10%	4+	$20,800	2036	* *	4	$90,700	
Cracks, Extent : Moderate, Area Affected : 20%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.
Asset # : 4215

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$3,900	LIFE	* *			
Broken,Missing Pave, Extent : Light, Area Affected : 2%								
Location : Near East End Of Plaza								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Lou Gehrig Plaza								
Explanation : Pavers And Planter Boxes Throughout Plaza								
Mono Deck Surface								
Concrete	100%			2047	* *	5	$136,300	
Railings/Parapets								
Concrete	100%			2036	* *	4	$16,700	
Steel	100%			LIFE	* *	2-8	$22,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Stainless Steel								
Sidewalks								
Concrete	100%			2032	* *	5	$16,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Sidewalks At Fasciae								
Explanation : Concrete Sidewalks At Each Fascia								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$37,600	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Construction Joints								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Precast Concrete Deck								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$474,200	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$397,200	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **GUIDER AVENUE RAMP TO BSHP BELT PARKWAY**
Address : **GUIDER AVENUE TO WEST BOUND BSHP OFF CONEY ISLAND AVENUE**
Borough : **BROOKLYN**
Agency's Number : **N/A**
Program / Asset # : **DOT0222.000 / 14957**
Yr Built/Renovated : **2015 /**
Area Sq Ft : **10,537**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **06-Mar-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2231370**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$333,200
Total		**$333,200**
Importance Code A		$333,200
Total		**$333,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure		$3,900	$55,500	$3,200
Total		**$3,900**	**$55,500**	**$3,200**
Importance Code A		$500	$33,900	
Importance Code B			$2,000	
Importance Code C		$3,300	$19,600	$3,200
Total		**$3,900**	**$55,500**	**$3,200**

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
GUIDER AVENUE RAMP TO BSHP BELT PARKWAY
Asset # : 14957

Bridge Structure	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	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2057	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Corrosion, Extent : Moderate, Area Affected : 90%								
Location : Throughout								
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								
Granite	100%			LIFE	* *			
Masonry: Stone	100%			LIFE	* *			
Feature Crossed								
Mat (scour & erosion)								
Concrete	100%			LIFE	* *			
Pier Protection								
Concrete	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%			2038	* *	4	$10,000	
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Steel	100%			LIFE	* *	2-8	$2,000	
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
GUIDER AVENUE RAMP TO BSHP BELT PARKWAY
Asset # : 14957

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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%			2038	* *	4	$1,600	
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Pier,Columns								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2032	* *			
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	* *			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Gratings								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$12,100	
Sidewalks								
Concrete	100%			2034	* *	5	$6,400	
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%			2038	* *	5	$39,200	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$11,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Covered By Stay In Place Forms								
Primary Member								
Steel	100%			LIFE	* *	2-8	$622,400	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$31,300	

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
GUIDER AVENUE RAMP TO BSHP BELT PARKWAY
Asset # : 14957

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure		$437,400
Total		**$437,400**
Importance Code A		$144,500
Importance Code B		$121,000
Importance Code C		$171,900
Total		**$437,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$36,500	$9,700	$26,900	$8,900
Total	**$36,500**	**$9,700**	**$26,900**	**$8,900**
Importance Code A	$5,200		$14,800	$2,900
Importance Code B			$12,100	
Importance Code C	$31,300	$9,700		$6,000
Total	**$36,500**	**$9,700**	**$26,900**	**$8,900**

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

GUY R. BREWER BLVD BRIDGE

Asset # : 13668

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Backwall								
Concrete	80%			LIFE	* *			
Concrete	20%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Delaminations, Extent : Light, Area Affected : 3%								
Location : Both Sides								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Leakage, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Both Sides								
Other Observation, Extent : Light, Area Affected : 4%								
Location : Throughout								
Explanation : Vegetation Growth								
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2055	* *			
Corrosion, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Granite Rock Pavers								
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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%	4+	$21,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pier Protection								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Barrier								
Approaches								
Pavement								
Asphalt	100%			2028	$171,900	4	$3,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete	100%			2036	* *	4	$8,200	
Cracks, Extent : Light, Area Affected : 6%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Rust Stains, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Steel	100%	4+	$5,200	LIFE	* *			
Damaged Railing, Extent : Light, Area Affected : 5%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
GUY R. BREWER BLVD BRIDGE
Asset # : 13668

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	$3,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$140,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Bottom Of Steel Column								
Explanation : The Condition Of Base Plate Is Recorded With The Column								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2055	* *			
Rust Stains, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Mono Deck Surface								
Concrete	100%			2047	* *	5	$19,400	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2036	* *	4	$5,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$8,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chain Link Fence								

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

DEPARTMENT OF TRANSPORTATION - 841

GUY R. BREWER BLVD BRIDGE

Asset # : 13668

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%	4+	$6,600	2032	* *	5	$3,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$7,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Bottom Of The Deck								
Explanation : Stay In Place Is In Good Condition								
Joints								
Steel	100%			LIFE	* *			
Primary Member								
Steel	10%			LIFE	* *	2-8	$135,000	
Rust Stains, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Steel	90%			LIFE	* *	2-8	$135,000	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$113,000	
Rust Stains, Extent : Light, Area Affected : 2%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **HARBOR ROAD CONRAIL - EXB&O RR**		
Address	: **HARBOR ROAD BET. LEYDEN AVENUE AND RICHMOND TERRACE**		
Borough	: **STATEN ISLAND**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0227.000 / 14966**	**Yr Built/Renovated**	: **1935 /**
Area Sq Ft	: **5,761**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **30-Oct-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2249180**

CAPITAL

Total	
Importance Code	
Total	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$30,900		$3,100	
Total	**$30,900**		**$3,100**	
Importance Code A	$5,100		$3,100	
Importance Code B	$5,700			
Importance Code C	$20,200			
Total	**$30,900**		**$3,100**	

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
HARBOR ROAD CONRAIL - EXB&O RR
Asset # : 14966

Bridge Structure	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								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	$5,700	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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								
Concrete	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Railroad Tracks								
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%	4+	$5,700	2039	* *	4	$11,000	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
HARBOR ROAD CONRAIL - EXB&O RR
Asset # : 14966

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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	6%	4+	$1,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete w/ Steel Face	94%			LIFE	* *			
Embankment								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2039	* *	4	$1,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Sidewalks								
Concrete	100%	4+	$2,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
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%							

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

DEPARTMENT OF TRANSPORTATION - 841
HARBOR ROAD CONRAIL - EXB&O RR
Asset # : 14966

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Explanation : Rusted								
Railings/Parapets								
Concrete	100%			2039	* *	4		$4,100
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Steel	100%			LIFE	* *	2-8		$9,300
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Sidewalks								
Concrete	5%	4+	$5,300	2035	* *	5		$1,700
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Concrete	95%			2035	* *	5		$3,400
Wearing Surface								
Concrete	100%	4+	$6,800	2039	* *	5		$11,000
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **27-Nov-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2233059**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$207,900
Total		**$207,900**
Importance Code A		$207,900
Total		**$207,900**

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

HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.

Asset # : 2473

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	* *			
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								
Concrete	100%			2042	* *		4	
Median								
Concrete	100%			LIFE	* *		5	
Railings/Parapets								
Concrete	100%			2042	* *		4	
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Pier,Columns								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2055	* *			
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

HARLEM RIVER DR. VIADUCT BRIDGE FDR DR/RAMP TO HARLEM R.DR.N.B.

Asset # : 2473

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Median								
Concrete	100%			LIFE	* *	5	$53,200	
Railings/Parapets								
Concrete	100%			2042	* *	4		
Wearing Surface								
Concrete	100%			2042	* *	5		
Scupper								
Cast Iron	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Random Locations Throughout							
	Explanation : Total Of 2 Scuppers							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$49,500	
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Concrete	100%			LIFE	* *	5	$105,200	
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$24,521,700	$4,186,000
Total	**$24,521,700**	**$4,186,000**
Importance Code A	$17,176,400	$1,769,700
Importance Code B	$5,993,900	$274,300
Importance Code C	$1,351,400	$2,142,000
Total	**$24,521,700**	**$4,186,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$46,400		$44,800	$29,500
Total	**$46,400**		**$44,800**	**$29,500**
Importance Code A	$2,900		$44,800	$26,100
Importance Code B	$26,900			
Importance Code C	$16,700			$3,400
Total	**$46,400**		**$44,800**	**$29,500**

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

HARLEM RIVER DRIVE RAMP BRIDGE H.R.D. NB (RAMP)/HARLEM RIVER DR

Asset # : 2509

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	$65,400	LIFE	* *			
Corrosion, Extent : Severe, Area Affected : 60%								
Location : Beginning Abutment								
Leakage, Extent : Severe, Area Affected : 60%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Joint Is Paved Over For Entire Length.								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	50%			LIFE	* *			
Concrete	50%	2-4	$220,100	LIFE	* *			
Cracks, Extent : Severe, Area Affected : 55%								
Location : Random Locations Per Biennial Inspection Report								
Efflorescence, Extent : Severe, Area Affected : 40%								
Location : Light Scaling, Water Stains On Stem Wall Surface Per Biennial Inspection								
Exposed Reinforcement, Extent : Severe, Area Affected : 50%								
Location : Random Locations Per Biennial Inspection								
Spalling, Extent : Severe, Area Affected : 40%								
Location : Random Locations Per Biennial Inspection								
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%	4+	$187,700	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : Spans 9 And 10 Left Curtain Wall Per Biennial Inspection Report								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Brick Fascia								
Approaches								
Pavement								
Asphalt	80%			2028	$333,300	4	$6,800	
Asphalt	20%	4+	$16,700	2028	$83,300	4	$6,800	
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Curbs								
Concrete	15%	4+	$700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Near The Joint At 49th Pier								
Concrete	85%			LIFE	* *			
Concrete w/ Steel Face	75%			LIFE	* *			
Concrete w/ Steel Face	25%	4+	$2,200	LIFE	* *			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Guide Railing								
Concrete	40%			2036	* *	4	$5,200	
Concrete	60%	0-2	$35,200	2036	* *	4	$5,200	
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Heavily Spalled								
Pavement Base								
Not Accessible	100%							
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

HARLEM RIVER DRIVE RAMP BRIDGE H.R.D. NB (RAMP)/HARLEM RIVER DR

Asset # : 2509

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Concrete	35%	2-4	$2,733,400	LIFE	* *			
Cracks, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Throughout								
Concrete	25%	Now	$1,952,400	LIFE	* *			
Delaminations, Extent : Severe, Area Affected : 40%								
Location : Spans 1 To 11								
Spalling, Extent : Severe, Area Affected : 40%								
Location : Spans 1 To 11								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Vegetation Growth								
Concrete	40%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	80%			LIFE	* *			
Earth	20%	2-4	$55,600	LIFE	* *			
Erosion, Extent : Moderate, Area Affected : 25%								
Location : Exposed Footing Area And Water Ponding Along Wall								
Pedestals								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$26,900	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$167,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations On West Side								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations On West Side								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations On West Side								
Median								
Concrete	80%			LIFE	* *	5	$23,100	
Concrete	20%	4+	$190,200	LIFE	* *	5	$23,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	4-8	$119,000	

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

HARLEM RIVER DRIVE RAMP BRIDGE H.R.D. NB (RAMP)/HARLEM RIVER DR

Asset # : 2509

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Concrete	80%			2036	* *	4	$47,100	
Concrete	20%	0-2	$275,000	2036	* *	4	$47,100	
Exposed Reinforcement, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	70%			2032	* *	5	$80,400	
Concrete	30%	2-4	$432,000	2032	* *	5	$40,200	
Cracks, Extent : Severe, Area Affected : 30%								
Location : Random Locations Throughout								
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	70%			2028	$1,056,600	5	$135,600	
Asphalt	30%	4+	$90,600	2028	$452,800	5	$67,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Rutting								
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 24 Scuppers								
Superstructure								
Deck,Structural								
Concrete	25%			LIFE	* *	5	$162,300	
Concrete	75%	2-4	$4,592,400	LIFE	* *	5	$162,300	
Broken,Missing Pave, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Severe, Area Affected : 40%								
Location : Random Locations Throughout								
Spalling, Extent : Severe, Area Affected : 60%								
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.*

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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	25%			LIFE	* *			
Generic	75%	Now	$533,200	LIFE	* *			
Leakage, Extent : Severe, Area Affected : 60%								
Location : Most Of The Joints, Throughout								
Other Observation, Extent : Severe, Area Affected : 60%								
Location : Most Of The Joints, Throughout								
Explanation : Paved Over								
Primary Member								
Concrete	60%			LIFE	* *	5	$464,500	
Concrete	40%	2-4	$10,385,100	LIFE	* *	5	$464,500	
Exposed Reinforcement, Extent : Severe, Area Affected : 30%								
Location : Various, Throughout Arches								
Spalling, Extent : Severe, Area Affected : 30%								
Location : Various, Throughout Arches								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Vegetation Growth								
Steel	75%			LIFE	* *	2-8	$417,300	
Steel	25%	4+	$1,475,200	LIFE	* *	2-8	$417,300	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Per Biennial Inspection Report								
Loss of Section, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Secondary Member								
Concrete	80%			LIFE	* *	5	$137,200	
Concrete	20%	4+	$1,022,600	LIFE	* *	5	$137,200	
Spalling, Extent : Severe, Area Affected : 25%								
Location : Random Locations Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$351,600	$2,458,900
Total	**$351,600**	**$2,458,900**
Importance Code A	$214,700	$102,700
Importance Code C	$137,000	$2,356,300
Total	**$351,600**	**$2,458,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure			$400	$42,200
Total			**$400**	**$42,200**
Importance Code A			$400	$42,200
Total			**$400**	**$42,200**

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

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
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Abutment								
Explanation : Spans Over Railroad Tracks Were Not Accessible								
Backwall								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Abutment								
Explanation : Spans Over Railroad Tracks Were Not Accessible								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
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%							
Piers								
Cap Beam								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Spans Over Railroad Tracks Were Not Accessible								
Pier,Columns								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Spans Over Railroad Tracks Were Not Accessible								
Stem,Solid Pier								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Spans Over Railroad Tracks Were Not Accessible								

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

DEPARTMENT OF TRANSPORTATION - 841

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
Piers								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Spans Over Railroad Tracks Were Not Accessible								
Piles								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Spans Over Railroad Tracks Were Not Accessible								
Deck Elements								
Median								
Concrete	90%			LIFE	* *	5	$51,300	
Concrete	10%	4+	$43,600	LIFE	* *	5	$51,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	80%			2036	* *	4	$84,400	
Concrete	20%	4+	$171,100	2036	* *	4	$84,400	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$10,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chain Link Fence								
Wearing Surface								
Asphalt	90%			2028	$1,952,200	5	$187,200	
Asphalt	10%	4+	$43,400	2028	$216,900	5	$93,600	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Spans Over Railroad Tracks Were Not Accessible								

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

DEPARTMENT OF TRANSPORTATION - 841

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%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Spans Over Railroad Tracks Were Not Accessible								
Primary Member								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Spans Over Railroad Tracks Were Not Accessible								
Secondary Member								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Spans Over Railroad Tracks Were Not Accessible								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **30-Aug-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2229349**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$2,421,700	$4,803,200
Total	**$2,421,700**	**$4,803,200**
Importance Code A	$1,541,600	$2,237,500
Importance Code B	$597,500	$1,685,000
Importance Code C	$282,500	$880,700
Total	**$2,421,700**	**$4,803,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$88,400		$366,300	
Total	**$88,400**		**$366,300**	
Importance Code A	$57,300		$197,300	
Importance Code B			$169,000	
Importance Code C	$31,100			
Total	**$88,400**		**$366,300**	

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

HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST

Asset # : 2820

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%	4+	$10,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Signs Of Water Leakage Through Joints								
Backwall								
Concrete	100%	4+	$18,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : South Abutment								
Leakage, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Not Accessible								
Explanation : Begin And End Abutment Not Accessible								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	2-4	$81,900	LIFE	* *			
Loose Joint Plates, Extent : Moderate, Area Affected : 90%								
Location : South End								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : South End And North Abutments								
Explanation : Uneven Surface Of Expansion Joint Cover Observed At South End. Also, North Abutment Not Accessible								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	59%	4+	$51,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Both Abutments								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Water Seepage								
Concrete	41%			LIFE	* *			
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

HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST

Asset # : 2820

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	$53,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Wingwalls At Both Abutments								
Spalling, Extent : Light, Area Affected : 2%								
Location : South Wingwall West Face								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout All Wingwalls								
Explanation : Missing Mortar Between And Underneath Granite Coping Stones								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%			2029	$554,000	4	$14,700	
Concrete	100%			2037	* *	4	$23,500	
Embankment								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5		
Railings/Parapets								
Concrete	100%			2037	* *	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : End Approach								
Explanation : Concrete Barrier								
Steel	100%			LIFE	* *			
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$1,336,400	
Corrosion, Extent : Light, Area Affected : 1%								
Location : Ends Of Cap Beam Cantilevers								
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	* *			
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		
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	$31,600	
Railings/Parapets								
Concrete	20%	4+	$19,600	2037	* *	4	$54,800	
Loss of Section, Extent : Light, Area Affected : 2%								
Location : East And West Fascia At Bottom Of Lightpole								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Rust Stains								
Concrete	80%			2037	* *	4	$82,200	
Steel	100%			LIFE	* *	2-8		
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	$177,200	2037	* *	5	$326,700	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : South Abutment West Side								
Superstructure								
Deck,Structural								
Concrete	65%	4+	$1,541,600	LIFE	* *	5	$136,900	
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Exposed Rebar With Light Corrosion								
Concrete	35%			LIFE	* *	5	$136,900	
Joints								
Generic	100%	4+	$51,800	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Leakage, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Primary Member								
Steel	100%			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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Secondary Member								
Steel	100%	4+	$463,800	LIFE	* *	2-8	$2,168,100	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Loss of Section, Extent : Light, Area Affected : 5%								
Location : Loss Of Sections At End Of Overhang Brackets								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **23-Sep-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2267250**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$465,000	$466,500
Total	**$465,000**	**$466,500**
Importance Code A	$332,800	
Importance Code C	$132,100	$466,500
Total	**$465,000**	**$466,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$77,000		$1,800	
Total	**$77,000**		**$1,800**	
Importance Code A	$13,400		$400	
Importance Code B	$20,500			
Importance Code C	$43,100		$1,400	
Total	**$77,000**		**$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

HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE

Asset # : 2510

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Access To Tracks								
Backwall								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Access To Tracks								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Access To Tracks								
Footings								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Access To Tracks								
Joint with Deck								
Generic	95%	4+	$20,500	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Generic	5%			LIFE		* *		
Mat (scour & erosion)								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Access To Tracks								
Pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Access To Tracks								
Stem (breastwall)								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Access To Tracks								
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
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

HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE

Asset # : 2510

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	$31,000	2029	$309,800	4	$4,800	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Both Approaches								
Spalling, Extent : Light, Area Affected : 3%								
Location : Both Approaches								
Concrete	100%	2-4	$44,200	2037	* *	4	$33,900	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Curbs								
Concrete	100%			LIFE	* *			
Embankment								
Generic	100%			LIFE	* *			
Guide Railing								
Concrete	65%	4+	$4,400	2037	* *	4	$1,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Both Approaches								
Concrete	35%			2037	* *	4	$2,600	
Steel	100%			LIFE	* *	2-8	$5,800	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Begin Approach								
Mat (scour & erosion)								
Earth	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%							

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

DEPARTMENT OF TRANSPORTATION - 841

HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE

Asset # : 2510

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	5%	4+	$294,200	2048	* *			
Cracks, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Concrete	95%			2048	* *			
Gratings								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Spans 1 And 3								
Explanation : Rusted Areas; The Gratings Cover The Air Vents. Vents In Span 3 Are Good								
Guide Railing								
Concrete	100%	4+	$38,600	2041	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : West Side								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : West Side								
Mono Deck Surface								
Concrete	100%	4+	$88,000	2048	* *	5	$156,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$7,600	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout East Side								
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout East Side								
Stone Rough Work	100%	4+	$8,200	LIFE	* *	5	$2,100	
Other Observation, Extent : Light, Area Affected : 5%								
Location : East Side, Spans 1 Through 6								
Explanation : Missing/ Loose Mortar In Joints/spall								
Sidewalks								
Concrete	100%			2033	* *	5	$2,700	
Scupper								
Ductile Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%	4+	$12,100	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, 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.*

DEPARTMENT OF TRANSPORTATION - 841

HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE

Asset # : 2510

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Access To Tracks								
Secondary Member								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : No Access To Tracks								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE**		
Address	: **HIGHLAWN AVE AND 8TH STREET**		
Borough	: **BROOKLYN**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0172.000 / 13597**	**Yr Built/Renovated**	: **1997 /**
Area Sq Ft	: **11,300**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **18-Dec-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2243780**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$261,700
Total		**$261,700**
Importance Code C		$261,700
Total		**$261,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$13,100	$6,900		$3,300
Total	**$13,100**	**$6,900**		**$3,300**
Importance Code A		$500		
Importance Code C	$13,100	$6,400		$3,300
Total	**$13,100**	**$6,900**		**$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
HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE
Asset # : 13597

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Both Abutments								
Explanation : Abutment Is Behind The Station Platform Wall								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2049	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Both Abutments								
Leakage, Extent : Light, Area Affected : 5%								
Location : Both Abutments								
Walls								
Concrete	100%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%			2030	$261,700	4	$10,100	
Concrete	100%			2038	* *	4	$9,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$7,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Mono Deck Surface								
Concrete	100%	4+	$5,700	2049	* *	5	$16,900	
Cracks, 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.*

DEPARTMENT OF TRANSPORTATION - 841
HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE
Asset # : 13597

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Concrete	100%			2038	* *	4	$1,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Fascia								
Explanation : Station Building At South Fascia Is Under The Construction And Not Accessible								
Steel	100%			LIFE	* *	2-8	$1,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Fascia								
Explanation : Steel Screen Wall On Top Of Concrete Parapet								
Sidewalks								
Concrete	100%			2034	* *	5	$6,600	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$6,300	
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Prestressed Concrete Box Beam	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.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK**
Address : **HUNTS POINT AVE**
Borough : **BRONX**
Program / Asset # : **DOT0183.000 / 13717**
Area Sq Ft : **13,700**
Date of Survey : **23-Aug-2016**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1908 / 1992**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2241190**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$104,300
Total		**$104,300**
Importance Code C		$104,300
Total		**$104,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$94,300		$200	
Total	**$94,300**		**$200**	
Importance Code A	$2,700		$200	
Importance Code C	$91,500			
Total	**$94,300**		**$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
HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK
Asset # : 13717

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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		* *		
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+	$23,500	LIFE		* *		
Cracks, Extent : Light, Area Affected : 30%								
Location : More Severe At Southeast Wingwall								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Southeast And Southwest Wingwalls								
Explanation : Northeast And Northwest Wingwalls Not Accessible (Buildings)								
Concrete	90%			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
HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK
Asset # : 13717

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	80%			2029	$83,500	4	$4,000	
Asphalt	20%	4+	$6,300	2029	$20,900	4	$2,700	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Settlement, Extent : Light, Area Affected : 50%								
Location : Beginning of Approach								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Consists Of 75 Percent Asphalt And 25 Percent Concrete								
Concrete	80%			2037	* *	4	$15,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Scattered Throughout								
Concrete	20%	2-4	$13,000	2037	* *	4	$10,300	
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout And Near Supports								
Spalling, Extent : Moderate, Area Affected : 40%								
Location : Adjacent To Joints								
Curbs								
Concrete w/ Steel Face	100%	4+	$1,000	LIFE	* *			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Loose And Broken Elements								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : South Side Of Bridge								
Explanation : Steel Railing Of One Side Of Bridge Only								
Sidewalks								
Concrete	100%	4+	$27,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : South Corner								
Explanation : Spalling With Exposed Rebar								
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
HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK
Asset # : 13717

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Mono Deck Surface								
Concrete	100%	4+	$3,800	2048	* *	5	$28,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2037	* *	4		
Other Observation, Extent : Light, Area Affected : 50%								
Location : South Side Only								
Explanation : Concrete With Corrugated Steel Sheeting On South Side. No Parapets Due To Building On North Side.								
Steel	100%	4+	$1,700	LIFE	* *	2-8	$4,600	
Damaged Railing, Extent : Light, Area Affected : 1%								
Location : South Parapet								
Sidewalks								
Concrete	100%	4+	$10,800	2033	* *	5	$2,900	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **22-Dec-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2241959**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$295,100	$2,369,200
Total	**$295,100**	**$2,369,200**
Importance Code A	$256,800	$305,700
Importance Code B		$152,900
Importance Code C	$38,400	$1,910,600
Total	**$295,100**	**$2,369,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$86,700	$39,400	$47,600	$1,300
Total	**$86,700**	**$39,400**	**$47,600**	**$1,300**
Importance Code A	$52,500	$1,200	$32,200	
Importance Code B			$15,300	
Importance Code C	$34,200	$38,100		$1,300
Total	**$86,700**	**$39,400**	**$47,600**	**$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
HUTCHINSON RIVER PARKWAY BRIDGE
Asset # : 13567

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$31,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Joints Missing, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 30%								
Location : North Abutment West Face								
Concrete	96%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%			2030	$1,872,200	4	$38,000	
Concrete	100%			2038	* *	4	$76,500	
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Steel	100%	4+	$31,800	LIFE	* *	2-8	$51,300	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : South Approach East And West Face								
Explanation : Impact Damage								

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

DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE
Asset # : 13567

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5		
Railings/Parapets								
Masonry	60%	4+	$8,600	2038	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Missing/ Eroded Joint Mortar And Misaligned Coping Stones								
Masonry	40%			2038	* *			
Sidewalks								
Concrete	30%	4+	$2,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Severe, Area Affected : 60%								
Location : Random Locations Throughout								
Explanation : Dirt Accumulation								
Concrete	70%			LIFE	* *			
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At East Side								
Explanation : Only One Side Of The Bridge Has Curbs								
Guide Railing								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At East Side								
Explanation : Only One Side Of The Bridge Has Guide Railings								
Median								
Concrete	100%			LIFE	* *	5	$1,800	
Railings/Parapets								
Concrete	100%			2038	* *	4	$3,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : At West Side								
Explanation : One Side Of The Bridge Has Concrete Parapets								
Steel	100%	4+	$12,100	LIFE	* *	2-8	$6,700	
Corrosion, Extent : Moderate, Area Affected : 60%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : West Side								
Explanation : One Side Of The Bridge Has Steel Parapets								

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

DEPARTMENT OF TRANSPORTATION - 841
HUTCHINSON RIVER PARKWAY BRIDGE
Asset # : 13567

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%			2034	* *	5	$2,700	
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Random Locations Throughout								
Explanation : Dirt Accumulation								
Wearing Surface								
Concrete	100%			2038	* *	5	$76,800	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$17,200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Throughout								
Explanation : Stay In Place Forms - Good Condition								
Primary Member								
Steel	90%			LIFE	* *	2-8	$285,500	
Steel	10%	4+	$256,800	LIFE	* *	2-8	$285,500	
Corrosion, Extent : Light, Area Affected : 50%								
Location : Bottom Flanges								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$239,200	
Corrosion, Extent : Light, Area Affected : 5%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **23-Aug-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2241169**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$683,000
Total		**$683,000**
Importance Code A		$237,500
Importance Code B		$118,800
Importance Code C		$326,700
Total		**$683,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$53,700		$35,900	
Total	**$53,700**		**$35,900**	
Importance Code A	$12,000		$24,000	
Importance Code B			$11,900	
Importance Code C	$41,700			
Total	**$53,700**		**$35,900**	

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
LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK
Asset # : 13715

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : No Access To The Tracks								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%	4+	$16,300	2029	$326,700	4	$6,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Consists Of 50 Percent Asphalt And 50 Percent Concrete								
Concrete	100%	4+	$10,200	2037	* *	4	$25,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Both Approaches								

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

DEPARTMENT OF TRANSPORTATION - 841
LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK
Asset # : 13715

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Concrete	100%			2037	* *	4		
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5		
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%			LIFE	* *			
Deck Elements								
Guide Railing								
Concrete	100%			2041	* *			
Median								
Concrete	100%			LIFE	* *	5	$2,800	
Mono Deck Surface								
Concrete	100%	4+	$5,700	2048	* *	5	$33,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%	4+	$8,300	2037	* *	4	$5,400	
Cracks, Extent : Light, Area Affected : 3%								
Location : North Parapet								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Sides								
Explanation : Parapets Are Concrete With Corrugated Metal Sheetings								
Steel	100%			LIFE	* *	2-8	$5,400	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%	4+	$9,500	2033	* *	5	$5,000	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								

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

DEPARTMENT OF TRANSPORTATION - 841
LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK
Asset # : 13715

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Steel	99%			LIFE	* *	2-8	$221,800	
Corrosion, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Steel	1%	4+	$3,600	LIFE	* *	2-8	$221,800	
Other Observation, Extent : Light, Area Affected : 2%								
Location : South Truss								
Explanation : Impact Damage								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE**
Address : **ATLANTIC AVE,EASTERN-GEORGIA**
Borough : **BROOKLYN**
Program / Asset # : **DOT0065.000 / 2490**
Area Sq Ft : **135,162**
Date of Survey : **09-Sep-2015**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1942 /**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2243569**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$1,921,300	$4,678,700
Total	**$1,921,300**	**$4,678,700**
Importance Code A	$1,245,000	$1,783,700
Importance Code B	$152,900	$1,425,700
Importance Code C	$523,300	$1,469,400
Total	**$1,921,300**	**$4,678,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$32,300		$277,100	$6,400
Total	**$32,300**		**$277,100**	**$6,400**
Importance Code A			$134,200	
Importance Code B			$143,000	
Importance Code C	$32,300			$6,400
Total	**$32,300**		**$277,100**	**$6,400**

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 BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE
Asset # : 2490

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	$105,400	LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 40%								
Location : At Both Abutments								
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+	$2,700	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Has Brownstone/ Sandstone Facade								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	50%			2028	$413,200	4	$12,900	
Asphalt	50%	4+	$124,000	2028	$413,200	4	$12,900	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE
Asset # : 2490

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	$126,500	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Throughout								
Explanation : Peeling Paint And Minor Pitting								
Steel	5%	4+	$47,500	LIFE	* *	2-8	$126,500	
Corrosion, Extent : Moderate, Area Affected : 60%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : At Base Of Columns								
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%	4+	$484,700	LIFE	* *	5	$56,600	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%	4+	$706,900	2036	* *	4	$69,700	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	15%	4+	$29,700	2036	* *	5	$321,500	
Spalling, Extent : Light, Area Affected : 10%								
Location : West End								
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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	93%			LIFE	* *	5	$194,700	
Concrete	7%	4+	$53,500	LIFE	* *	5	$194,700	
Cracks, Extent : Light, Area Affected : 50%								
Location : Cracks With Efflorescence								
Joints								
Generic	100%	4+	$77,900	LIFE	* *			
Misaligned/Bulging, Extent : Moderate, Area Affected : 30%								
Location : Bulging And Protruding Joint Filler Throughout								
Primary Member								
Steel	100%			LIFE	* *	2-8	$2,498,700	
Corrosion, Extent : Light, Area Affected : 2%								
Location : At Joints Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : In Masonry Joints								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Minor Pitting And Peeling Paint								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$2,093,200	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Explanation : Minor Pitting And Peeling Paint								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$229,900	$424,300
Total	**$229,900**	**$424,300**
Importance Code C	$229,900	$424,300
Total	**$229,900**	**$424,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$37,900	$2,400	$1,100	
Total	**$37,900**	**$2,400**	**$1,100**	
Importance Code A	$31,400		$1,100	
Importance Code C	$6,500	$2,400		
Total	**$37,900**	**$2,400**	**$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		
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	* *			
Leakage, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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+	$42,400	2028	$424,300	4	$9,600	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Concrete	100%	4+	$110,200	2036	* *	4	$36,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%	4+	$4,700	LIFE	* *			
Corrosion, Extent : Severe, Area Affected : 40%								
Location : Throughout								
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		
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		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 80%								
Location : Throughout								
Explanation : Peeling Paint								
Steel	100%			LIFE	* *	2-8	$9,900	
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$5,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Severe, Area Affected : 40%								
Location : Throughout								
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+	$26,700	LIFE	* *			
Corrosion, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Mono Deck Surface								
Concrete	80%			2047	* *	5	$4,800	
Concrete	20%	4+	$1,200	2047	* *	5	$2,400	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Transverse Cracks Throughout								

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

DEPARTMENT OF TRANSPORTATION - 841

LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/ AMTRAK, LIRR YARD

Asset # : 2498

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	$22,300	
Sidewalks								
Concrete	100%	4+	$77,300	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$872,900	$1,877,600
Total	**$872,900**	**$1,877,600**
Importance Code A	$81,400	$22,300
Importance Code C	$791,500	$1,855,200
Total	**$872,900**	**$1,877,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$3,700		$2,900	$11,500
Total	**$3,700**		**$2,900**	**$11,500**
Importance Code A	$3,700		$2,900	$11,500
Importance Code C				
Total	**$3,700**		**$2,900**	**$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

LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS

Asset # : 2497

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	* *			
Leakage, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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+	$141,800	2028	$1,418,500	4	$19,200	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : At Joint At South Abutment								
Concrete	100%	4+	$92,600	2036	* *	4	$30,800	
Cracks, 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.*

DEPARTMENT OF TRANSPORTATION - 841

LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS

Asset # : 2497

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	$3,700	LIFE	* *			
Corrosion, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2036	* *	4		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 80%								
Location : Throughout								
Explanation : Peeling Paint								
Steel	100%			LIFE	* *	2-8	$19,800	
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Riprap	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$75,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Severe, Area Affected : 40%								
Location : Throughout								
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		
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+	$81,400	LIFE	* *			
Corrosion, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Mono Deck Surface								
Concrete	20%	4+	$56,600	2047	* *	5	$218,400	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Transverse Cracks								
Concrete	80%			2047	* *	5	$436,800	
Railings/Parapets								
Concrete	100%			2036	* *	4	$23,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$68,000	
Sidewalks								
Concrete	100%	4+	$206,300	2032	* *	5	$28,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Cracking/Crumbling, Extent : Light, Area Affected : 10%								
Location : At Interface With Curb								
Scupper								
Cast Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	* *			
Leakage, Extent : Moderate, Area Affected : 20%								
Location : Both Abutments								
Misaligned/Bulging, Extent : Light, Area Affected : 5%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	:	**21-Nov-2017**	**Landmark Status**	:	**NONE**
Areas Surveyed	:				
Block	:	**Lot** :	**BIN**	:	**2247320**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$3,633,600	$7,985,000
Total	**$3,633,600**	**$7,985,000**
Importance Code A		$22,000
Importance Code C	$3,633,600	$7,963,000
Total	**$3,633,600**	**$7,985,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$67,900		$2,400	$31,700
Total	**$67,900**		**$2,400**	**$31,700**
Importance Code A			$2,400	
Importance Code C	$67,900			$31,700
Total	**$67,900**		**$2,400**	**$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

LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK, LIRR YARD

Asset # : 2496

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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%							
Approaches								
Pavement								
Asphalt	100%	4+	$21,400	2030	$1,071,900	4	$16,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Throughout								
Concrete	100%	4+	$6,200	2038	* *	4	$10,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : North Approach								
Spalling, Extent : Light, Area Affected : 1%								
Location : North Approach								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2038	* *	4		
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

LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK, LIRR YARD

Asset # : 2496

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
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%			2038	* *	4		
Steel	100%			LIFE	* *	2-8	$66,900	
Sidewalks								
Concrete	20%	4+	$18,200	2034	* *	5	$31,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	80%			2024	$3,633,600	5	$63,400	
Wearing Surface								
Concrete	15%	4+	$22,100	2038	* *	5	$207,900	
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Concrete	85%			2025	$6,267,400	5	$415,800	
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Total Of 6 Scuppers								
Superstructure								
Deck,Structural								
Not Accessible	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

LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK, LIRR YARD

Asset # : 2496

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **28-Nov-2017**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2247310**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$2,570,100	$1,928,200
Total	**$2,570,100**	**$1,928,200**
Importance Code A		$1,624,300
Importance Code C	$2,570,100	$303,900
Total	**$2,570,100**	**$1,928,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$80,000		$5,600	$21,200
Total	**$80,000**		**$5,600**	**$21,200**
Importance Code A	$21,700		$1,600	
Importance Code C	$58,400		$4,000	$21,200
Total	**$80,000**		**$5,600**	**$21,200**

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

LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK AND LIRR YARD

Asset # : 2495

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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%							
Feature Crossed								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	51%	4+	$15,200	2030	$303,900	4	$8,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Asphalt	49%			2023	$291,900	4	$8,100	
Concrete	100%			2038	* *	4		
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

LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK AND LIRR YARD

Asset # : 2495

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$3,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 1%								
Location : Northeast Electrical Box								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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								
Guide Railing								
Concrete	40%	4+	$21,700	2042	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	60%			2027	$1,624,300			
Steel	100%			LIFE	* *			
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$45,000	
Sidewalks								
Concrete	25%	4+	$15,200	2034	* *	5	$21,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	75%			2024	$2,278,200	5	$42,400	

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 QUEENS BLVD/AMTRAK AND LIRR YARD

Asset # : 2495

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	100%			2038	* *	5		
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	11%	2-4	$15,600	LIFE	* *			
Drains Clogged, Extent : Moderate, Area Affected : 40%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Total Of 24 Scuppers								
Cast Iron	89%			LIFE	* *			
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%	4+	$8,700	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Explanation : Depressed Seal With Dirt And Debris								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **21-Nov-2017**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2247300**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$602,900
Total		**$602,900**
Importance Code C		$602,900
Total		**$602,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$35,000	$134,000	$15,900	$15,100
Total	**$35,000**	**$134,000**	**$15,900**	**$15,100**
Importance Code A	$11,200	$12,100	$1,100	
Importance Code C	$23,800	$121,900	$14,700	$15,100
Total	**$35,000**	**$134,000**	**$15,900**	**$15,100**

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 THOMSON AVE/AMTRAK YARD

Asset # : 2494

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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%							
Approaches								
Pavement								
Asphalt	100%	4+	$12,100	2030	$602,900	4	$63,700	
Cracks, Extent : Light, Area Affected : 20%								
Location : Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	8%	4+	$11,700	2038	* *	4	$243,900	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	92%			2038	* *	4	$365,800	
Curbs								
Concrete w/ Steel Face	30%	4+	$11,200	LIFE	* *			
Rust Stains, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Concrete w/ Steel Face	70%			LIFE	* *			
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Concrete	100%			2038	* *	4	$1,200	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
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	* *			
Rust Stains, Extent : Light, Area Affected : 40%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Located On North Side								
Guide Railing								
Concrete	100%			2042	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Side								
Explanation : Concrete Barrier Acting As Guide Rail								
Railings/Parapets								
Concrete	100%			2038	* *	4	$35,100	
Steel	100%			LIFE	* *	2-8	$32,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : Solid Vertical Panels On Both Sides								
Sidewalks								
Concrete	100%			2034	* *	5	$30,300	

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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	100%			2038	* *	5	$29,500	
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD**
Address : **WOODHAVEN BLVD**
Borough : **QUEENS**
Program / Asset # : **DOT0002.000 / 2461**
Area Sq Ft : **25,288**
Date of Survey : **29-Nov-2017**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1955 / 2006**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2066002**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$169,600	$1,100,300
Total	**$169,600**	**$1,100,300**
Importance Code A	$61,300	$300,000
Importance Code B	$41,100	$250,300
Importance Code C	$67,200	$550,000
Total	**$169,600**	**$1,100,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$77,100		$50,200	
Total	**$77,100**		**$50,200**	
Importance Code A			$25,100	
Importance Code B	$13,200		$25,100	
Importance Code C	$63,900			
Total	**$77,100**		**$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		
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+	$5,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 5%								
Location : East Abutment								
Spalling, Extent : Light, Area Affected : 10%								
Location : West Abutment								
Brngs,Ancr Blts,Pads								
Generic	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Throughout								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	100%	4+	$13,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : East Abutment								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	40%	4+	$15,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : East Abutment								
Concrete	60%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%	4+	$22,100	2038	* *	4	$38,500	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
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.*

DEPARTMENT OF TRANSPORTATION - 841

LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD

Asset # : 2461

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Concrete	100%			2038	* *	4		
Piers								
Stem,Solid Pier								
Concrete	22%	4+	$41,100	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : East Face Of Pier								
Concrete	78%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Generic	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%			LIFE	* *	5	$11,800	
Mono Deck Surface								
Concrete	50%	4+	$20,800	2049	* *	5	$67,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Concrete	50%			2029	$415,700	5	$134,400	
Railings/Parapets								
Concrete	100%			2038	* *	4		
Superstructure								
Deck,Structural								
Concrete	57%	4+	$61,300	LIFE	* *	5	$24,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Fascia Overhangs And Light Blister								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Underside Of Stay-in-place Forms								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Bays Except The Center Bay								
Explanation : Covered By Stay-In-Place Forms, Some Corroded Areas With Efflorescence								
Concrete	43%			LIFE	* *	5	$24,800	

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

LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD

Asset # : 2461

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Steel	100%		LIFE	* *		2-8	$467,500	
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Secondary Member								
Steel	100%		LIFE	* *		2-8	$391,600	
Rust Stains, 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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **23-Aug-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2241159**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$36,800	$529,800
Total	**$36,800**	**$529,800**
Importance Code C	$36,800	$529,800
Total	**$36,800**	**$529,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$98,200		$200	
Total	**$98,200**		**$200**	
Importance Code A	$4,800		$200	
Importance Code B	$15,100			
Importance Code C	$78,300			
Total	**$98,200**		**$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		
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+	$15,100	LIFE	* *			
Loose Elements, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Both Abutments								
Explanation : Deteriorated Joint Membrane								
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+	$22,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Concrete	90%			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
LONGWOOD AVE. BRIDGE
Asset # : 13714

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	$26,500	2029	$529,800	4	$10,900	
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Consists Of 20 Percent Asphalt And 80 Percent Concrete								
Concrete	100%	4+	$16,500	2037	* *	4	$41,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Both Abutments								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2037	* *	4		
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$5,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Northeast Approach								
Piers								
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								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
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	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Railings/Parapets								
Concrete	100%	4+	$4,800	2037	* *	4	$3,100	
Cracks, Extent : Light, Area Affected : 2%								
Location : North Parapet								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Sides								
Explanation : Parapet Is Concrete With Corrugated Steel								
Steel	100%			LIFE	* *	2-8	$4,300	
Sidewalks								
Concrete	100%	4+	$7,400	2033	* *	5	$3,900	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	$36,800	2037	* *	5	$31,500	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **31-Aug-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2241560**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$40,200	$1,117,700
Total	**$40,200**	**$1,117,700**
Importance Code A		$276,100
Importance Code B		$276,100
Importance Code C	$40,200	$565,400
Total	**$40,200**	**$1,117,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$107,200		$72,000	
Total	**$107,200**		**$72,000**	
Importance Code A	$13,300		$28,100	
Importance Code B	$16,600		$27,700	
Importance Code C	$77,300		$16,200	
Total	**$107,200**		**$72,000**	

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		
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+	$16,600	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Debris At Joint								
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								
Concrete	100%			LIFE	* *			
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
METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR
Asset # : 2481

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	80%			2029	$413,300	4	$12,100	
Asphalt	20%	4+	$10,300	2029	$103,300	4	$8,100	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Deteriorated Area More Severe On East Side								
Settlement, Extent : Moderate, Area Affected : 10%								
Location : East Abutment North Side								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	100%	4+	$40,200	2037	* *	4	$30,800	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Both Approaches								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : West Approach North Side								
Curbs								
Concrete w/ Steel Face	100%	4+	$4,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : East Side And West Side Of North Approach								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Steel	75%			LIFE	* *			
Steel	25%	2-4	$3,000	LIFE	* *			
Damaged Railing, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%	4+	$4,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Southeast Sidewalk								
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%							

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

DEPARTMENT OF TRANSPORTATION - 841
METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR
Asset # : 2481

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Median								
Concrete	100%	4+	$5,400	LIFE	* *	5	$3,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$11,900	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	25%	4+	$25,100	2033	* *	5	$16,200	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Concrete	75%			2033	* *	5	$32,400	
Wearing Surface								
Concrete	100%	4+	$30,100	2037	* *	5	$48,900	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Near West Approach								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%	4+	$3,700	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : Deteriorated Filler, Only One Joint At Span 5.								

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

DEPARTMENT OF TRANSPORTATION - 841
METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR
Asset # : 2481

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Steel	100%			LIFE	* *	2-8	$515,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underside Of Deck								
Explanation : Not Accessible For Inspection. Requires Railroad Flagman								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$432,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underside Of Bridge								
Explanation : Not Accessible For Inspection. Requires Railroad Flagman								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$1,261,600	$2,174,700
Total	**$1,261,600**	**$2,174,700**
Importance Code A	$329,000	$813,000
Importance Code B	$347,700	$899,700
Importance Code C	$584,900	$462,000
Total	**$1,261,600**	**$2,174,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$56,000		$166,000	
Total	**$56,000**		**$166,000**	
Importance Code A	$7,200		$75,800	
Importance Code B			$90,200	
Importance Code C	$48,800			
Total	**$56,000**		**$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		
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+	$7,200	LIFE	* *			
Spalling, Extent : Light, Area Affected : 2%								
Location : West Abutment								
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	$42,100	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Damaged Joint Membrane								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	100%	4+	$305,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : West Abutment								
Spalling, Extent : Light, Area Affected : 2%								
Location : West Abutment								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	$388,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : West Abutment								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : West Abutment								
Spalling, Extent : Light, Area Affected : 10%								
Location : West Abutment								
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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Piers								
Explanation : Concrete Crash Wall								
Approaches								
Pavement								
Asphalt	100%	4+	$17,900	2028	$357,300	4	$5,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	100%	4+	$27,800	2036	* *	4	$18,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$3,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$579,000	
Pier,Columns								
Concrete	100%			LIFE	* *			
Steel	100%			LIFE	* *	2-8	$1,179,800	
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		
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	* *			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Steel Facing								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$42,300	
Sidewalks								
Concrete	100%	4+	$85,600	2032	* *	5	$11,900	
Cracks, Extent : Light, Area Affected : 8%								
Location : Light Random Map Cracking								
Wearing Surface								
Concrete	100%	4+	$74,200	2036	* *	5	$104,700	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	100%	4+	$329,000	LIFE	* *	5	$72,600	
Cracks, Extent : Light, Area Affected : 2%								
Location : Construction Joint At Center Bay								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Light Random Cracks With Efflorescence								
Joints								
Generic	100%	4+	$36,600	LIFE	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Numerous Joint Fillers Are Bulging And Failed								
Primary Member								
Steel	100%			LIFE	* *	2-8	$915,100	
Corrosion, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$766,600	
Corrosion, Extent : Light, Area Affected : 1%								
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.*

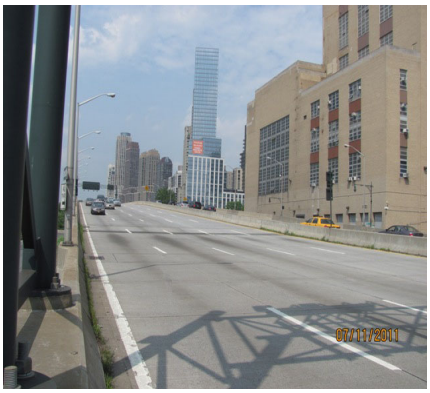
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$4,316,200	$8,891,900
Total	**$4,316,200**	**$8,891,900**
Importance Code A	$3,875,500	$5,858,100
Importance Code B		$3,033,800
Importance Code C	$440,700	
Total	**$4,316,200**	**$8,891,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure			$812,800	$73,700
Total			**$812,800**	**$73,700**
Importance Code A			$508,600	$55,400
Importance Code B			$304,300	
Importance Code C				$18,200
Total			**$812,800**	**$73,700**



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
MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN
Asset # : 4177

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%			2036	* *	4	$36,500	
Piers								
Pier,Columns								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Along Column Faces And Throughout								
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$1,487,500	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Vegetation Growth								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$85,100	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%			LIFE	* *	5	$40,500	
Railings/Parapets								
Concrete	100%			2036	* *	4	$110,900	
Wearing Surface								
Concrete	100%			2036	* *	5		
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Deck								
Explanation : 204 Scuppers								
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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	98%			LIFE	* *	5	$373,200	
Concrete	2%			LIFE	* *	5	$373,200	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Corrosion To Stay-In-Place Forms In Several Random Bays								
Joints								
Generic	100%	4+	$440,700	LIFE	* *			
Leakage, Extent : Moderate, Area Affected : 50%								
Location : At Inside Face Of Fascia Girders Below Deck Joints								
Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%								
Location : Over Several Piers								
Rust Stains, Extent : Moderate, Area Affected : 50%								
Location : At Inner Faces Of Fascia Girders Below Deck Joints								
Primary Member								
Steel	14%	4+	$3,875,500	LIFE	* *	2-8	$4,701,600	
Corrosion, Extent : Moderate, Area Affected : 2%								
Location : Girders, Floor Beams, Web And Flanges At Deck Joints And Drainage Pipes								
Other Observation, Extent : Light, Area Affected : 75%								
Location : Throughout Superstructure Steel								
Explanation : Fading Paint Color, Rust Flakes To Light Rusting. Paint System Is Failing								
Steel	86%			LIFE	* *	2-8	$4,701,600	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$3,938,500	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **11-Dec-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2230510**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$1,813,900
Total		**$1,813,900**
Importance Code A		$730,700
Importance Code B		$506,300
Importance Code C		$577,000
Total		**$1,813,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$50,600	$4,500	$111,500	
Total	**$50,600**	**$4,500**	**$111,500**	
Importance Code A	$29,500		$59,300	
Importance Code B	$12,900		$52,300	
Importance Code C	$8,300	$4,500		
Total	**$50,600**	**$4,500**	**$111,500**	

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		
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	* *			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Both Fascias								
Explanation : Brick Facing 5 Feet Wide								
Concrete	5%	4+	$8,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : At North Abutment								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Begin Abutment								
Explanation : Stone Pavers								
Pedestals								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : At North Abutment Only								
Explanation : Steel Bolster Bolted To Front Face Abutment								
Stem (breastwall)								
Concrete	5%	4+	$12,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : North And South Abutments								
Explanation : Brick Facade								
Concrete	95%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At North And South Abutments								
Explanation : Brick Facade								
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

NASSAU STREET BRIDGE B.Q.E./NASSAU STREET

Asset # : 2451

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%			2030	$577,000	4	$13,500	
Concrete	100%			2038	* *	4		
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5		
Railings/Parapets								
Concrete	100%			2038	* *	4		
Steel	100%			LIFE	* *			
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$171,600	
	Recent Repair Evident, Extent : Light, Area Affected : 15%							
	Location : Random Locations Throughout							
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	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Asphalt, Pavers And Concrete							
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%			LIFE	* *	5	$5,100	
Mono Deck Surface								
Concrete	100%			2049	* *	5		
Railings/Parapets								
Concrete	100%			2038	* *	4		
Steel	100%			LIFE	* *	2-8	$29,000	
Scupper								
Cast Iron	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Total Of 32 Scuppers							
Superstructure								

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

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

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	90%			LIFE	* *	5	$75,100	
Other Observation, Extent : Light, Area Affected : 40%								
Location : Fascias And Utility Bay								
Explanation : Metal Deck Forms								
Concrete	10%	4+	$29,500	LIFE	* *	5	$75,100	
Cracks, Extent : Light, Area Affected : 2%								
Location : Overhangs At Both Fascias And Along Construction Joints								
Joints								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Armorless Joint								
Primary Member								
Steel	100%			LIFE	* *	2-8	$945,600	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : At Ends Of Beams At Piers								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **22-Aug-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **1067150**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$2,219,700	$2,181,600
Total	**$2,219,700**	**$2,181,600**
Importance Code A	$1,016,100	$1,618,800
Importance Code B	$1,073,700	
Importance Code C	$129,900	$562,800
Total	**$2,219,700**	**$2,181,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$100,500		$1,000	
Total	**$100,500**		**$1,000**	
Importance Code A	$8,500		$1,000	
Importance Code B	$22,200			
Importance Code C	$69,800			
Total	**$100,500**		**$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
NEREID AVENUE (2241880)
Asset # : 13514

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Stem (breastwall)								
Concrete	1%	4+	$22,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Concrete	99%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	10%	4+	$20,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	90%			LIFE	* *			
Feature Crossed								
Bank Protection								
Generic	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

NEREID AVENUE (2241880)

Asset # : 13514

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	60%	4+	$5,300	2029	$266,200	4	$9,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Both Approaches								
Other Observation, Extent : Light, Area Affected : 100%								
Location : West Approach								
Explanation : Pavement Consists Of 50 Percent Asphalt And 50 Percent Concrete								
Asphalt	40%			2029	$177,500	4	$14,600	
Concrete	100%	4+	$14,400	2037	* *	4	$39,000	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : West Approach								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2037	* *	4		
Sidewalks								
Concrete	100%	4+	$4,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Concrete	40%	4+	$206,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	60%			LIFE	* *			
Pier,Columns								
Concrete	40%	4+	$210,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	60%			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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier								
Concrete	2%	4+	$863,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 75%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 100%								
Location : Random Locations Throughout								
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%	4+	$8,500	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : North Side Near Piers 4 And 8								
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$28,900	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Steel Railing Without Parapets								
Sidewalks								
Concrete	100%	4+	$20,400	2033	* *	5	$11,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	$129,900	2037	* *	5	$119,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Random Locations Throughout								
Explanation : Spalling With Exposed Rebar								
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

NEREID AVENUE (2241880)

Asset # : 13514

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Concrete	10%	4+	$809,400	LIFE	* *	5	$809,400	
Cracks, Extent : Moderate, Area Affected : 80%								
Location : Underside Of The Arch Barrels								
Efflorescence, Extent : Light, Area Affected : 100%								
Location : Underside Of The Arch Barrels								
Leakage, Extent : Light, Area Affected : 80%								
Location : Random Locations At The Arch Barrels								
Recent Replace Evident, Extent : Light, Area Affected : 80%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Underside Of The Arch Barrels								
Explanation : Deteriorated Surface With Steel Mesh Installed								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	:	**10-Oct-2016**	**Landmark Status**	:	**NONE**
Areas Surveyed	:				
Block	:	**Lot** :	**BIN**	:	**2231870**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$37,300	$665,900
Total	**$37,300**	**$665,900**
Importance Code A		$88,600
Importance Code B		$88,600
Importance Code C	$37,300	$488,700
Total	**$37,300**	**$665,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$38,200		$18,100	
Total	**$38,200**		**$18,100**	
Importance Code A			$9,000	
Importance Code B	$15,500		$8,900	
Importance Code C	$22,700		$200	
Total	**$38,200**		**$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		
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%			2048	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	22%	4+	$15,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Concrete	78%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	11%	4+	$37,300	LIFE	* *			
Cracking/Crumbling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Wingwalls Are Concrete With Stone Facing								
Concrete	89%			LIFE	* *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pier Protection								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Barrier								
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
NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND
Asset # : 13711

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	$9,800	2029	$488,700	4	$10,800	
Cracks, Extent : Light, Area Affected : 7%								
Location : Both Approaches								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Consists Of 50 Percent Asphalt And 50 Percent Concrete								
Concrete	100%			2037	* *	4	$7,700	
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$3,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Both Approaches								
Settlement, Extent : Light, Area Affected : 3%								
Location : Both Approaches								
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Pier,Columns								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Columns								
Explanation : The Columns Are Concrete With Stone Veneer								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2048	* *			
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	* *			
Rust Stains, 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.*

DEPARTMENT OF TRANSPORTATION - 841
NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND
Asset # : 13711

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$3,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North And South Sides								
Explanation : Chain Link Fence Behind Steel Bridge Railing								
Sidewalks								
Concrete	100%			2033	* *	5	$400	
Wearing Surface								
Concrete	100%	4+	$7,300	2037	* *	5	$16,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$11,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Deck								
Explanation : Bottom Covered With Stay In Place Forms								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$4,068,400	$2,718,600
Total	**$4,068,400**	**$2,718,600**
Importance Code A	$3,125,900	$243,100
Importance Code C	$942,600	$2,475,500
Total	**$4,068,400**	**$2,718,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$31,200	$4,900	$28,500	$15,400
Total	**$31,200**	**$4,900**	**$28,500**	**$15,400**
Importance Code A	$17,400		$4,200	
Importance Code C	$13,900	$4,900	$24,300	$15,400
Total	**$31,200**	**$4,900**	**$28,500**	**$15,400**

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
PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL
Asset # : 2512

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$436,800	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Granite	65%	4+	$505,800	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 20%								
Location : South End								
Granite	35%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Top Of Wingwalls								
Explanation : Ornamental Granite Parapet On Wingwalls								
Approaches								
Pavement								
Asphalt	100%			2028	$1,934,400	4	$30,900	
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Curbs								
Concrete	100%			LIFE	* *			
Concrete w/ Steel Face	100%			LIFE	* *			
Granite	100%			LIFE	* *			
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Guide Railing								
Steel	100%			LIFE	* *	2-8	$81,300	
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		
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+	$3,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Granite	95%			LIFE	* *			
Granite	5%	4+	$17,400	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Gratings								
Steel	100%			LIFE	* *			
Railings/Parapets								
Granite	100%			LIFE	* *			
Steel	100%			LIFE	* *	2-8	$59,200	
Sidewalks								
Concrete	100%			2032	* *	5	$9,800	
Granite Paver	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Fascia								
Explanation : Paver Sidewalk At North Fascia								
Wearing Surface								
Asphalt	90%			2028	$487,000	5	$48,600	
Asphalt	10%	4+	$10,800	2028	$54,100	5	$24,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Intersections								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%	4+	$3,125,900	LIFE	* *	5	$55,200	
Exposed Reinforcement, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Severe, Area Affected : 40%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Deck Steel Corrugate Is Used. There Is 5 Percent Corrosion On The Steel Corrugate.								
Primary Member								
Concrete	100%			LIFE	* *	5	$149,000	
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.*

DEPARTMENT OF TRANSPORTATION - 841
PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL
Asset # : 2512

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **01-Dec-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **206672A**

CAPITAL

Total

Importance Code

Total

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$18,300	$900	$4,600	$3,700
Total	**$18,300**	**$900**	**$4,600**	**$3,700**
Importance Code A	$15,200		$2,400	
Importance Code B			$2,200	
Importance Code C	$3,100	$900		$3,700
Total	**$18,300**	**$900**	**$4,600**	**$3,700**

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		
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	* *			
Corrosion, Extent : Light, Area Affected : 15%								
Location : East Side Bearing								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Spalling, Extent : Light, Area Affected : 1%								
Location : East Side Pedestal								
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Abutment								
Explanation : With Brick Veneer								
Approaches								
Pavement								
Concrete	100%			2038	* *	4	$2,700	
Curbs								
Granite	100%			LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Joint Mortar Between Granite Curbs								
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Steel	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : At Parapet Base								
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	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Solid Pier								
Explanation : With Brick Veneer								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2049	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : At Solid Concrete Pier With Brick Veneer								
Explanation : 4 Concrete Pedestals								
Deck Elements								
Curbs								
Concrete	100%			2049	* *			
Mono Deck Surface								
Concrete	100%			2049	* *	5	$7,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%	4+	$5,100	LIFE	* *	2-8	$8,500	
Corrosion, Extent : Light, Area Affected : 5%								
Location : At Base Of Parapet								
Scupper								
Cast Iron	35%	4+	$3,100	LIFE	* *			
Drains Clogged, Extent : Moderate, Area Affected : 50%								
Location : All Drains Throughout The Deck								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout The Deck								
Explanation : Total Of 6 Drains								
Cast Iron	65%			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
PEDESTRIAN BRIDGE E. 174ST. / 895IX
Asset # : 2918

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	70%			LIFE	* *	5	$1,800	
Concrete	30%	4+	$10,100	LIFE	* *	5	$1,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Near Top Joint Along 147 Street Main Bridge								
Explanation : Underside Of Deck Spalled Area With Rusted Rebars Covered By Steel Mesh With Bolted Steel Plates.								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$33,300	
Rust Stains, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$27,900	
Rust Stains, Extent : Light, Area Affected : 1%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	:	**01-Dec-2017**	**Landmark Status**	:	**NONE**
Areas Surveyed	:				
Block	:	**Lot :**	**BIN**	:	**206672B**

CAPITAL

Total	
Importance Code	
Total	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$5,700	$900	$5,300	$3,700
Total	**$5,700**	**$900**	**$5,300**	**$3,700**
Importance Code A	$5,700		$2,700	
Importance Code B			$2,700	
Importance Code C		$900		$3,700
Total	**$5,700**	**$900**	**$5,300**	**$3,700**

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		
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	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Begin Abutment								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 30%								
Location : South Abutment								
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	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location :								
Explanation : With Brick Veneer								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Begin Abutment								
Explanation : With Brick Veneer And Three Weep Holes On Each Wall								
Approaches								
Pavement								
Concrete	100%			2038	* *	4	$2,700	
Curbs								
Granite	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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 # : 2919

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Steel	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$8,200	
Pier,Columns								
Steel	65%			LIFE	* *	2-8	$11,400	
Steel	35%			LIFE	* *	2-8	$11,400	
Corrosion, Extent : Light, Area Affected : 2%								
Location : Base Of Center Pier								
Stem,Solid Pier								
Brick Veneer	100%			LIFE	* *			
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South End Pier								
Explanation : Concrete With Brick Veneer								
Brngs,Ancr Blts,Pads								
Steel	90%			LIFE	* *	2-8	$1,400	
Steel	10%			LIFE	* *	2-8	$1,400	
Corrosion, Extent : Light, Area Affected : 50%								
Location : At Pier With Brick Veneer								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : South End Pier								
Spalling, Extent : Light, Area Affected : 10%								
Location : South End Pier								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	99%			2049	* *			
Concrete	1%	4+	$5,700	2049	* *			
Cracks, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Mono Deck Surface								
Concrete	100%			2049	* *	5	$7,400	
Cracks, Extent : Light, Area Affected : 5%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
PEDESTRIAN BRIDGE E. 174ST. / 895IX
Asset # : 2919

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$8,500	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$1,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$35,100	
Rust Stains, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$29,400	
Rust Stains, Extent : Light, Area Affected : 2%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **PENNSYLVANIA AVENUE TO BSHP BELT PARKWAY**
Address : **PENNSYLVANIA AVE SOUTH BOUND TO EAST BOUND BELT PARKWAY**
Borough : **BROOKLYN**
Agency's Number : **N/A**
Program / Asset # : **DOT0223.000 / 14958**
Yr Built/Renovated :
Area Sq Ft : **6,570**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **06-Mar-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2231519**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$303,600
Total		**$303,600**
Importance Code A		$303,600
Total		**$303,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$2,000	$16,300	$45,700	$2,000
Total	**$2,000**	**$16,300**	**$45,700**	**$2,000**
Importance Code A	$2,000	$2,800	$30,700	
Importance Code B			$1,700	
Importance Code C		$13,500	$13,300	$2,000
Total	**$2,000**	**$16,300**	**$45,700**	**$2,000**

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
PENNSYLVANIA AVENUE TO BSHP BELT PARKWAY
Asset # : 14958

Bridge Structure	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	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2049	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Missing/Damaged Seal, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : North Abutment								
Explanation : Utility Access Door								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Feature Crossed								
Mat (scour & erosion)								
Asphalt	100%			LIFE	* *			
Pier Protection								
Concrete	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%			2038	* *	4	$40,500	
Cracks, Extent : Light, Area Affected : 1%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
PENNSYLVANIA AVENUE TO BSHP BELT PARKWAY
Asset # : 14958

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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	* *			
Corrosion, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Steel	100%			LIFE	* *	2-8	$4,700	
Median								
Concrete	100%			LIFE	* *	5	$900	
Delaminations, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2038	* *	4	$3,700	
Steel	100%	4+	$2,000	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : North Approach								
Explanation : Vegetation Growth								
Sidewalks								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$68,000	
Corrosion, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Pier,Columns								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2049	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Moderate, Area Affected : 20%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
PENNSYLVANIA AVENUE TO BSHP BELT PARKWAY
Asset # : 14958

Bridge Structure	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								
Median								
Concrete	100%			LIFE	* *	5	$1,100	
Delaminations, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2038	* *	4	$4,600	
Steel	100%			LIFE	* *	2-8	$4,300	
Sidewalks								
Concrete	100%			2034	* *	5	$4,000	
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%			2038	* *	5	$26,700	
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$7,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Covered By Stay In Place Forms								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$512,100	
Corrosion, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$25,700	

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.*

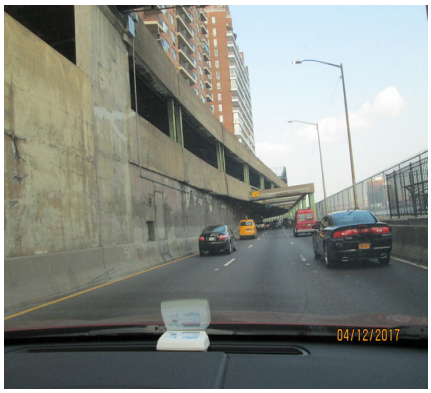
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **04-Dec-2017**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2232167**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$12,004,400	$12,492,400
Total	**$12,004,400**	**$12,492,400**
Importance Code A	$11,197,900	$7,437,000
Importance Code B	$87,200	
Importance Code C	$719,300	$5,055,400
Total	**$12,004,400**	**$12,492,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$32,100	$36,900	$8,800	
Total	**$32,100**	**$36,900**	**$8,800**	
Importance Code A	$6,000	$36,900	$7,800	
Importance Code B	$15,400		$1,000	
Importance Code C	$10,700			
Total	**$32,100**	**$36,900**	**$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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Granite	65%			LIFE	* *			
Granite	35%	4+	$10,700	LIFE	* *			
Efflorescence, Extent : Moderate, Area Affected : 25%								
Location : Lower Two Courses Of Stones								
Loose Elements, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	* *			
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	4+	$37,200	2030	$744,000	4	$12,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Brick	100%	4+	$43,800	2030	$2,190,700	4	$1,536,800	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Missing Brick Pavers								
Guide Railing								
Steel	75%			LIFE	* *	2-8	$11,700	
Steel	25%	4+	$6,000	LIFE	* *	2-8	$11,700	
Corrosion, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Blocked By Construction								
Sidewalks								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Blocked By Construction								
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

PROMENADE OVER FDR PROMENADE OVER FDR/79TH-91ST ST

Asset # : 2925

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Concrete	90%			LIFE	* *			
Concrete	10%	4+	$87,200	LIFE	* *			
Spalling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Steel	70%			LIFE	* *	2-8	$14,200	
Steel	30%	4+	$15,400	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	70%			2038	* *	4	$110,700	
Concrete	30%	4+	$647,100	2038	* *	4	$73,800	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Exposed Reinforcement, Extent : Severe, Area Affected : 20%								
Location : Concentrated At Joints								
Rust Stains, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout, Also Concentrated At Joints								
Steel	80%			LIFE	* *	2-8	$101,300	
Steel	20%	4+	$122,100	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 : 15%								
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		
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%			2030	$1,181,800	5	$124,900	
Asphalt	15%	2-4	$41,700	2027	$208,500	5	$62,400	
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Loose Elements, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Asphalt Pavers								
Concrete	80%			2038	* *	5	$543,100	
Concrete	20%	4+	$160,400	2038	* *	5	$271,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	70%			LIFE	* *	5	$3,685,200	
Concrete	30%	2-4	$10,428,700	LIFE	* *	5	$3,685,200	
Cracks, Extent : Severe, Area Affected : 20%								
Location : Throughout								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Throughout								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Joints								
Generic	33%			LIFE	* *			
Generic	67%	4+	$164,600	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **15-Aug-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2230209**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$849,500	$3,940,300
Total	**$849,500**	**$3,940,300**
Importance Code A	$794,700	$1,341,600
Importance Code B		$747,300
Importance Code C	$54,800	$1,851,400
Total	**$849,500**	**$3,940,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$61,500	$900	$149,900	$115,800
Total	**$61,500**	**$900**	**$149,900**	**$115,800**
Importance Code A	$16,800	$900	$75,000	
Importance Code B	$9,600		$75,000	$115,800
Importance Code C	$35,100			
Total	**$61,500**	**$900**	**$149,900**	**$115,800**

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

QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY

Asset # : 2577

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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)								
Generic	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Brick	95%			LIFE	* *	3-5	$84,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Specifically, Stone Facing								
Masonry: Brick	5%	4+	$1,900	LIFE	* *	3-5	$84,100	
Joints Missing, Extent : Moderate, Area Affected : 5%								
Location : Joint Mortar Missing Throught Both Abutments								
Masonry: Schist/Gneiss	5%	4+	$7,700	LIFE	* *	3-5	$101,800	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : End Of Abutment								
Explanation : Cracks								
Masonry: Schist/Gneiss	95%			LIFE	* *	3-5	$101,800	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Spans 1-5								
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%			2029	$1,371,900	4	$33,400	

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

QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY

Asset # : 2577

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	80%			LIFE	* *			
Concrete w/ Steel Face	20%	4+	$1,600	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Northwest Quandrant Asphalt Patch								
Embankment								
Not Accessible	100%							
Guide Railing								
Steel	100%			LIFE	* *	2-8		
Median								
Concrete	100%	4+	$3,700	LIFE	* *	5	$500	
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Northwest Quandrant Asphalt Patch								
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Concrete Encased Steel	4%	2-4	$794,700	LIFE	* *	5	$259,500	
Spalling, Extent : Severe, Area Affected : 80%								
Location : Northeast Beam End								
Concrete Encased Steel	96%			LIFE	* *	5	$259,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throught								
Explanation : Not Accessible								
Pier,Columns								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	80%			LIFE	* *			
Concrete w/ Steel Face	20%	2-4	$2,800	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
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

QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY

Asset # : 2577

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Median								
Concrete	100%	4+	$7,600	LIFE	* *	5	$1,900	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Railings/Parapets								
Masonry	2%	2-4	$1,100	2037	* *	5	$900	
Spalling, Extent : Severe, Area Affected : 30%								
Location : Southwest Corner								
Masonry	98%			2037	* *	5	$1,800	
Sidewalks								
Brick	100%			2048	* *			
Concrete	100%	4+	$54,800	2033	* *	5	$4,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Random Locations Throughout								
Explanation : Lack Of Expansion Joints								
Wearing Surface								
Asphalt	100%	4+	$24,000	2029	$479,400	5	$21,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	10%			LIFE	* *	5	$37,600	
Concrete	90%			LIFE	* *	5	$37,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Not Accessible								
Primary Member								
Steel	90%			LIFE	* *	2-8	$697,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Not Accessible								
Steel	10%			LIFE	* *	2-8	$697,900	

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

QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY

Asset # : 2577

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Secondary Member								
Steel	90%			LIFE	* *	2-8	$584,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Not Accessible								
Steel	10%			LIFE	* *	2-8	$584,700	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **30-Aug-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **222934A**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$1,675,900	$748,300
Total	**$1,675,900**	**$748,300**
Importance Code A	$1,675,900	$332,600
Importance Code B		$312,800
Importance Code C		$103,000
Total	**$1,675,900**	**$748,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$72,500		$65,300	
Total	**$72,500**		**$65,300**	
Importance Code A	$25,800		$33,900	
Importance Code B	$16,100		$31,400	
Importance Code C	$30,600			
Total	**$72,500**		**$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
RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE
Asset # : 2574

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	$8,000	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : South End								
Explanation : Torn And Detached Expansion Joint Material								
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	* *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%			2029	$103,000	4	$2,400	
Cracks, Extent : Light, Area Affected : 1%								
Location : Isolated Locations Throughout								
Concrete	100%	4+	$8,000	2037	* *	4	$6,200	
Cracks, Extent : Light, Area Affected : 20%								
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.*

DEPARTMENT OF TRANSPORTATION - 841

RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE

Asset # : 2574

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE	* *			
Concrete w/ Steel Face	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Curb								
Explanation : Consists of 25 Percent Concrete, 25 Percent Concrete With Steel Face, And 50 Percent Granite								
Granite	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2037	* *	4		
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$274,600	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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%	4+	$3,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : North End West Side Wall At Columns								
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

RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE

Asset # : 2574

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete	56%	Now	$1,528,900	2048	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 35%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	44%			2048	* *			
Granite	100%	4+	$6,000	LIFE	* *			
Settlement, Extent : Light, Area Affected : 5%								
Location : On The Northwest Side								
Other Observation, Extent : Light, Area Affected : 15%								
Location : Throughout East Side Of Bridge								
Explanation : Deteriorated/ Missing Joints At Granite Blocks								
Guide Railing								
Steel	100%	4+	$7,700	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Near End Of Approach								
Explanation : Impact Damage								
Median								
Concrete	100%	4+	$4,500	LIFE	* *	5	$2,600	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 90%								
Location : Throughout								
Explanation : Grass Area								
Mono Deck Surface								
Concrete	100%	4+	$6,400	2048	* *	5	$28,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 50%								
Location : On East Side Around Span 20								
Railings/Parapets								
Concrete	20%	4+	$4,200	2037	* *	4	$2,100	
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Southwest Side On Top Of Parapet								
Concrete	80%			2037	* *	4	$3,100	
Steel	100%			LIFE	* *	2-8	$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

RAMP TO HHP N/B RAMP TO NB HHP/AMTRAK WEST SIDE

Asset # : 2574

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Cobblestone	100%			2048	* *			
Spalling, Extent : Light, Area Affected : 1%								
Location : Along East Side								
Other Observation, Extent : Light, Area Affected : 100%								
Location : West And East Side								
Explanation : Cobblestone Along West Side And Grassy Area Along East Side.								
Concrete	100%	4+	$14,100	2033	* *	5	$5,700	
Spalling, Extent : Light, Area Affected : 5%								
Location : At North End								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : At West Side Of Sidewalk								
Scupper								
Ductile Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	* *	5	$11,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire Deck								
Explanation : No Access To Tracks								
Concrete	5%	4+	$2,300	LIFE	* *	5	$11,600	
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Joints								
Generic	5%	2-4	$1,300	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 80%								
Location : Throughout								
Generic	95%			LIFE	* *			
Primary Member								
Steel	95%			LIFE	* *	2-8	$199,700	
Steel	5%	4+	$146,900	LIFE	* *	2-8	$199,700	
Corrosion, Extent : Light, Area Affected : 5%								
Location : On Floor Beam Bottom Flanges, Particularly Heavy At Joints								
Loss of Section, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Secondary Member								
Steel	95%			LIFE	* *	2-8	$167,300	
Steel	5%	4+	$5,100	LIFE	* *	2-8	$167,300	
Corrosion, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Loss of Section, Extent : Moderate, Area Affected : 5%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **RAMP TO THOMSON AVE. FROM NYC JACKSON AVENUE**
Address : **OFF RAMP FROM ED KOCH QUEENSBORO BRIDGE TO THOMSON AVE**
Borough : **QUEENS**
Agency's Number : **N/A**
Program / Asset # : **DOT0230.000 / 14969**
Yr Built/Renovated :
Area Sq Ft : **58,807**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **30-Nov-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **224004I**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$1,432,900	$1,336,100
Total	**$1,432,900**	**$1,336,100**
Importance Code A	$1,129,500	$1,129,500
Importance Code B	$34,900	$34,900
Importance Code C	$268,400	$171,700
Total	**$1,432,900**	**$1,336,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$544,900		$149,300	
Total	**$544,900**		**$149,300**	
Importance Code A	$517,900		$145,800	
Importance Code B	$23,600		$3,500	
Importance Code C	$3,400			
Total	**$544,900**		**$149,300**	

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
RAMP TO THOMSON AVE. FROM NYC JACKSON AVENUE
Asset # : 14969

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway/ Parking Lot								
Pier Protection								
Concrete	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%	4+	$3,400	2039	* *	4	$7,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2039	* *	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 95 Percent Concrete								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 5 Percent Steel								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$2,006,900	
Pier,Columns								
Concrete Encased Steel	7%	4+	$6,200	LIFE	* *	5	$11,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete Encased Steel	93%			LIFE	* *	5	$22,200	
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$23,000	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Steel	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
RAMP TO THOMSON AVE. FROM NYC JACKSON AVENUE
Asset # : 14969

Bridge Structure	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								
Railings/Parapets								
Concrete	100%			2039	* *	4	$63,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 95 Percent Concrete								
Steel	100%			LIFE	* *	2-8	$141,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 5 Percent Steel								
Wearing Surface								
Concrete	100%	4+	$232,800	2039	* *	5	$171,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Stay-in-place Form								
Joints								
Steel	100%	4+	$35,600	LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Primary Member								
Steel	100%			LIFE	* *	2-8	$1,863,400	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$95,900	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **RICHMOND VALLEY ROAD SIRT SOUTH SHORE**
Address : **RICHMOND VALLY ROAD BETWEEN AMBOY ROAD & WEINER STREET**
Borough : **STATEN ISLAND**
Agency's Number : **N/A**
Program / Asset # : **DOT0228.000 / 14967**
Yr Built/Renovated : **1938 /**
Area Sq Ft : **9,300**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **01-Nov-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2249270**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$263,400	$185,800
Total	**$263,400**	**$185,800**
Importance Code A	$263,400	$185,800
Total	**$263,400**	**$185,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$137,800		$12,400	$18,500
Total	**$137,800**		**$12,400**	**$18,500**
Importance Code A	$70,800		$9,500	
Importance Code B	$45,200		$200	
Importance Code C	$21,900		$2,700	$18,500
Total	**$137,800**		**$12,400**	**$18,500**

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
RICHMOND VALLEY ROAD SIRT SOUTH SHORE
Asset # : 14967

Bridge Structure	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								
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	* *			
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	7%	4+	$10,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	93%			LIFE	* *			
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Railroad Tracks								
Pier Protection								
Concrete	5%	4+	$15,600	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Cracks								
Concrete	95%			LIFE	* *			
Approaches								
Pavement								
Asphalt	5%	4+	$5,200	2031	* *	4	$5,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Asphalt	95%			2031	* *	4	$5,400	
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
RICHMOND VALLEY ROAD SIRT SOUTH SHORE
Asset # : 14967

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Concrete	7%	4+	$84,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	93%			LIFE	* *			
Pier,Columns								
Concrete	3%	4+	$15,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	97%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Generic	100%			LIFE	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$3,300	LIFE	* *			
Corrosion, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$13,100	

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 VALLEY ROAD SIRT SOUTH SHORE
Asset # : 14967

Bridge Structure	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								
Sidewalks								
Concrete	9%	4+	$15,900	2035	* *	5	$2,900	
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	91%			2035	* *	5	$5,700	
Wearing Surface								
Concrete	100%			2039	* *	5	$36,900	
Superstructure								
Deck,Structural								
Concrete	4%	4+	$40,100	LIFE	* *	5	$10,200	
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 90%								
Location : Random Locations Throughout								
Explanation : Stay-in-place Form								
Concrete	96%			LIFE	* *	5	$20,400	
Joints								
Not Accessible	100%							
Primary Member								
Concrete Encased Steel	4%	4+	$21,500	LIFE	* *	5	$46,900	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 70 Percent Concrete Encased Steel								
Concrete Encased Steel	96%			LIFE	* *	5	$93,700	
Steel	100%			LIFE	* *	2-8	$294,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 30 Percent Steel								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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 VALLEY ROAD SIRT SOUTH SHORE
Asset # : 14967

Bridge Structure	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								
Concrete Encased Steel	100%			2058	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 70 Percent Concrete Encased Steel								
Steel	100%			LIFE	* *	2-8	$6,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 30 Percent Steel								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**		
Address	: **152ND ST- W161ST ST**		
Borough	: **MANHATTAN**	**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0069.000 / 2493**	**Yr Built/Renovated**	: **1908 /**
Area Sq Ft	: **181,487**	**Project Type**	: **HIGHWAY BRIDGES**
Date of Survey	: **28-Nov-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2246720**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$17,596,800	$7,776,600
Total	**$17,596,800**	**$7,776,600**
Importance Code A	$13,130,700	$6,690,200
Importance Code B	$2,700,900	
Importance Code C	$1,765,200	$1,086,400
Total	**$17,596,800**	**$7,776,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$71,500		$469,700	
Total	**$71,500**		**$469,700**	
Importance Code A	$55,500		$465,700	
Importance Code B				
Importance Code C	$15,900		$4,000	
Total	**$71,500**		**$469,700**	

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

RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST

Asset # : 2493

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	63%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 40%								
Location :								
Explanation : Field Inspection Supplemented With Information From Biennial (Typical)								
Concrete	37%	4+	$50,700	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : At Begin Abutment								
Granite	100%			LIFE	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Steel	75%			LIFE	* *			
Steel	25%			LIFE	* *			
Corrosion, Extent : Moderate, Area Affected : 25%								
Location : Both Abutments								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	50%			LIFE	* *			
Generic	50%	2-4	$85,100	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : End Abutment								
Explanation : Worn Out Filler								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	91%			LIFE	* *			
Concrete	9%	4+	$56,400	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 10%								
Location : At Begin Abutment								
Stem (breastwall)								
Concrete	50%	4+	$408,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 80%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 80%								
Location : Random Locations Throughout								
Concrete	50%			LIFE	* *			
Granite	100%			LIFE	* *			
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		
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+	$40,000	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Masonry	100%			LIFE	* *			
Vegetation Growth, Extent : Moderate, Area Affected : 25%								
Location : At Begin Abutment								
Feature Crossed								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	70%	4+	$15,900	2030	$318,900	4	$8,100	
Cracks, Extent : Light, Area Affected : 4%								
Location : At South Approach								
Asphalt	30%			2023	$136,700	4	$8,100	
Concrete	100%	4+	$141,800	2038	* *	4	$30,800	
Cracks, Extent : Light, Area Affected : 25%								
Location : North Approach								
Spalling, Extent : Light, Area Affected : 5%								
Location : North Approach								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 100%								
Location : North Approach								
Granite	100%			LIFE	* *			
Embankment								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2038	* *	4		
Granite	100%	4+	$4,200	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Missing Joint Mortar								
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

RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST

Asset # : 2493

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Asphalt	100%			2030		4		
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Concrete Encased Steel	100%			LIFE	* *	5	$19,100	
Steel	85%			LIFE	* *	2-8	$3,374,000	
Steel	15%			LIFE	* *	2-8	$3,374,000	
Corrosion, Extent : Moderate, Area Affected : 40%								
Location : Random Locations Throughout								
Pier,Columns								
Concrete Encased Steel	50%			LIFE	* *	5	$900	
Concrete Encased Steel	50%	0-2	$1,165,400	LIFE	* *	5	$900	
Cracks, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Corrosion								
Stem,Solid Pier								
Masonry	80%			LIFE	* *			
Masonry	20%	4+	$1,003,200	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : On Face And Base Of Pier Respectively								
Explanation : Hollow Sound Area And Vertical Cracks And Vegetation Growth								
Brngs,Ancr Blts,Pads								
Steel	60%			LIFE	* *	2-8	$173,900	
Steel	40%	2-4	$922,500	LIFE	* *	2-8	$173,900	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Loss of Section, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Several Spans								
Explanation : Missing Anchor Bolts								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	95%			LIFE	* *			
Concrete	5%	4+	$38,700	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Pier 41								
Explanation : Per Biennial Inspection Report The Right Wall Has A Crack In Pier 41 Which Propagates Into Pedestal								

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

DEPARTMENT OF TRANSPORTATION - 841

RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST

Asset # : 2493

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Granite	90%			LIFE	* *			
Granite	10%	4+	$13,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Guide Railing								
Concrete	95%			2042	* *			
Concrete	5%	4+	$32,300	2042	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Cracks, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Granite	100%			LIFE	* *			
Masonry	95%			2038	* *	5	$25,900	
Masonry	5%	4+	$5,800	2038	* *	5	$12,900	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Missing Mortar And Vegetation Growth At Base Of Parapet								
Steel	100%			LIFE	* *	2-8	$23,900	
Corrosion, Extent : Light, Area Affected : 5%								
Location : At Base Of Railing, West Fascia Parapet								
Other Observation, Extent : Light, Area Affected : 50%								
Location : At Base Of Parapet, West Side Fascia								
Explanation : Vegetation Growth								
Sidewalks								
Concrete	90%			2034	* *	5	$117,500	
Concrete	10%	4+	$193,100	2034	* *	5	$58,700	
Cracks, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	95%			2038	* *	5	$650,000	
Concrete	5%	2-4	$88,100	2038	* *	5	$325,000	
Other Observation, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Explanation : Cracks, Map Cracks And Delaminated Area.								
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Total Of 28 Scuppers								

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

DEPARTMENT OF TRANSPORTATION - 841

RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST

Asset # : 2493

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	50%			LIFE	* *	5	$177,500	
Concrete	50%	4+	$4,612,700	LIFE	* *	5	$177,500	
Cracks, Extent : Moderate, Area Affected : 50%								
Location : Random Locations Throughout								
Efflorescence, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Joints								
Steel	80%			LIFE	* *			
Steel	15%	2-4	$426,400	LIFE	* *			
Leakage, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Missing/ Damaged Seal								
Steel	5%	Now	$355,300	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Random Locations Throughout								
Primary Member								
Concrete Encased Steel	70%			LIFE	* *	5	$914,500	
Concrete Encased Steel	30%	2-4	$7,488,500	LIFE	* *	5	$914,500	
Cracks, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Corrosion, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$2,684,100	
Rust Stains, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Secondary Member								
Concrete Encased Steel	100%			2057	* *			

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **ROOSEVELT AVENUE SHEA ROAD**
Address : **OVER SHEA ROAD BETWEEN OLMSTED DR. AND STADIUM PLACE N.**
Borough : **QUEENS**
Agency's Number : **N/A**
Program / Asset # : **DOT0234.000 / 14974**
Yr Built/Renovated :
Area Sq Ft : **6,617**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **30-Nov-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2267160**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$65,500	$131,000
Total	**$65,500**	**$131,000**
Importance Code A	$65,500	$131,000
Total	**$65,500**	**$131,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$157,600		$13,500	
Total	**$157,600**		**$13,500**	
Importance Code A	$97,600		$13,100	
Importance Code B	$30,600		$400	
Importance Code C	$29,400			
Total	**$157,600**		**$13,500**	

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
ROOSEVELT AVENUE SHEA ROAD
Asset # : 14974

Bridge Structure	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%	4+	$4,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Conrete								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : End Abutment; 50 Percent Not Accessible								
Backwall								
Concrete	100%	4+	$13,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : End Abutment; 50 Percent Not Accessible								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Generic								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : End Abutment; 50 Percent Not Accessible								
Pedestals								
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
ROOSEVELT AVENUE SHEA ROAD
Asset # : 14974

Bridge Structure	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								
Stem (breastwall)								
Concrete	3%	4+	$11,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Concrete	97%			LIFE	* *			
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : End Abutment; 50 Percent Not Accessible								
Walls								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : End Abutment; 50 Percent Not Accessible								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway								
Approaches								
Pavement								
Asphalt	100%	4+	$2,700	2031	* *	4	$4,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete	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
ROOSEVELT AVENUE SHEA ROAD
Asset # : 14974

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 70 Percent Concrete								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 30 Percent Generic (Earth)								
Piers								
Stem,Solid Pier								
Concrete	4%	4+	$14,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 45 Percent Concrete								
Concrete	96%			LIFE	* *			
Masonry	100%			LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 10 Percent Masonry								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Pier 3								
Explanation : 45 Percent Not Accessible								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
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
ROOSEVELT AVENUE SHEA ROAD
Asset # : 14974

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Generic								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Pier 3; 50 Percent Not Accessible								
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	7%	4+	$10,500	2050	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	93%			2050	* *			
Railings/Parapets								
Cast Iron	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$9,400	2035	* *	5	$3,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%	4+	$3,500	2031	* *	5	$3,100	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Superstructure								

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

DEPARTMENT OF TRANSPORTATION - 841
ROOSEVELT AVENUE SHEA ROAD
Asset # : 14974

Bridge Structure	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								
Deck,Structural								
Concrete	100%	4+	$35,000	LIFE	* *	5	$7,300	
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : 50 Percent Not Accessible								
Joints								
Not Accessible	100%							
Primary Member								
Steel	3%	4+	$25,800	LIFE	* *	2-8	$122,300	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Southeast Fascia and Northwest Fascia								
Explanation : Impact Damage; 50 Percent Steel								
Steel	97%			LIFE	* *	2-8	$209,700	
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Spans 2 And 4; 50 Percent Not Accessible								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$10,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Span 2 And 4; 50 Percent Not Accessible								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$24,600		$200	$7,700
Total	**$24,600**		**$200**	**$7,700**
Importance Code A			$200	$1,700
Importance Code C	$24,600			$6,000
Total	**$24,600**		**$200**	**$7,700**

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
SHORE ROAD BRIDGE
Asset # : 14581

Bridge Structure	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								
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	$11,300	
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	* *	4		
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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Asphalt	100%			2028	$23,500	4	$800	
Concrete	100%			LIFE	* *			
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Grass Strips								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2036	* *	4	$3,300	
Steel	100%			LIFE	* *	2-8	$4,500	
Sidewalks								
Concrete	100%			2032	* *	5		
Wearing Surface								
Concrete	100%			2036	* *	5	$49,200	
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$762,600	$1,637,100
Total	**$762,600**	**$1,637,100**
Importance Code A	$295,100	$504,600
Importance Code B		$439,500
Importance Code C	$467,600	$693,000
Total	**$762,600**	**$1,637,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$87,900		$88,700	$4,000
Total	**$87,900**		**$88,700**	**$4,000**
Importance Code A	$38,100		$44,600	
Importance Code B	$800		$44,100	
Importance Code C	$48,900			$4,000
Total	**$87,900**		**$88,700**	**$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

SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE

Asset # : 2499

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2055	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%	4+	$800	LIFE	* *			
Settlement, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Vegetation Growth								
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	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Feature Crossed								
Bank Protection								
Concrete	100%	4+	$319,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Exposed Reinforcement								
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	80%			2028	$476,600	4	$8,100	
Asphalt	20%	4+	$23,800	2028	$119,200	4	$8,100	
Broken,Missing Pave, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Cracks, Extent : Severe, Area Affected : 50%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Concrete	100%	4+	$18,500	2036	* *	4	$30,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%	4+	$1,900	LIFE	* *			
Rust Stains, Extent : Severe, Area Affected : 75%								
Location : Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Steel	100%			LIFE	* *	2-8	$5,800	
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
Steel	100%	4+	$16,200	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Southeast End								
Sidewalks								
Concrete	100%	4+	$6,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Delaminations, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Pier,Columns								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2055	* *			
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		
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	* *			
Rust Stains, Extent : Light, Area Affected : 75%								
Location : Throughout								
Railings/Parapets								
Concrete	100%	4+	$20,100	2036	* *	4	$8,600	
Cracks, Extent : Light, Area Affected : 2%								
Location : At Base Of Light Post Pedestals								
Efflorescence, Extent : Light, Area Affected : 3%								
Location : At Base Of Light Post Pedestals								
Rust Stains, Extent : Light, Area Affected : 3%								
Location : At Base Of Light Post Pedestals								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Scaling								
Steel	100%			LIFE	* *	2-8	$11,800	
Sidewalks								
Concrete	100%	4+	$79,500	2032	* *	5	$11,100	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Scaling								
Wearing Surface								
Concrete	100%	4+	$69,000	2036	* *	5	$97,200	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	100%	4+	$295,100	LIFE	* *	5	$65,100	
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Primary Member								
Steel	100%			LIFE	* *	2-8	$820,800	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$687,600	

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
SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE
Asset # : 2499

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$232,300	$4,046,200
Total	**$232,300**	**$4,046,200**
Importance Code A		$1,095,700
Importance Code B		$870,200
Importance Code C	$232,300	$2,080,400
Total	**$232,300**	**$4,046,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$9,900		$203,800	$16,500
Total	**$9,900**		**$203,800**	**$16,500**
Importance Code A			$110,300	$1,400
Importance Code B	$3,000		$87,300	
Importance Code C	$6,800		$6,200	$15,100
Total	**$9,900**		**$203,800**	**$16,500**

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
SOUTH ST RAMP TO FDR/SOUTH ST
Asset # : 4325

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$3,000	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : West Side Of The End Abutment								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Inside Cellular Abutment								
Explanation : A Furnished Office Space								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE		* *		
Concrete	10%	4+	$3,400	LIFE		* *		
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Northwest Corner								
Granite	100%	4+	$3,500	LIFE		* *		
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Northwest Corner								
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	60%			2028	$1,161,700	4	$30,200	
Asphalt	40%	2-4	$232,300	2028	$774,500	4	$30,200	
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Near End Of Approach								
Settlement, Extent : Moderate, Area Affected : 25%								
Location : Near End Of Approach								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Granite	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$739,200	
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$271,300	
Stem,Solid Pier								
Granite	100%			LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pier 7								
Explanation : Pier 7 Is A Solid Stem Pier								
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	$11,500	
Wearing Surface								
Asphalt	100%			2028	$144,200	5	$12,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
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		
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	$10,400	
Joints								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Under Construction								
Primary Member								
Steel	90%			LIFE	* *	2-8	$724,700	
Steel	10%			LIFE	* *	2-8	$724,700	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Secondary Member								
Steel	90%			LIFE	* *	2-8	$607,100	
Steel	10%			LIFE	* *	2-8	$607,100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$395,100	$4,089,800
Total	**$395,100**	**$4,089,800**
Importance Code A	$180,400	$241,500
Importance Code B	$214,700	$3,784,900
Importance Code C		$63,400
Total	**$395,100**	**$4,089,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$62,700		$403,800	$14,200
Total	**$62,700**		**$403,800**	**$14,200**
Importance Code A			$24,200	$14,200
Importance Code B	$2,900		$379,600	
Importance Code C	$59,800			
Total	**$62,700**		**$403,800**	**$14,200**

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

SOUTH ST/FDR SB RAMP

Asset # : 4326

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pier Protection								
Concrete	100%	4+	$2,900	LIFE	* *			
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	60%	4+	$180,400	LIFE	* *	2-8	$224,300	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Steel	40%			LIFE	* *	2-8	$224,300	
Pier,Columns								
Steel	60%			LIFE	* *	2-8	$105,400	
Steel	40%	4+	$152,100	LIFE	* *	2-8	$105,400	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Not Visible Due To High Tide								
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+	$28,100	2036	* *	5	$31,700	
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$19,800	
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		
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	$88,700	
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Secondary Member								
Steel	85%			LIFE	* *	2-8	$2,903,700	
Rust Stains, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Steel	15%	4+	$62,600	LIFE	* *	2-8	$2,903,700	
Corrosion, 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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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-Dec-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2240540**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$35,900	$1,001,400
Total	**$35,900**	**$1,001,400**
Importance Code C	$35,900	$1,001,400
Total	**$35,900**	**$1,001,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$69,000		$500	$5,100
Total	**$69,000**		**$500**	**$5,100**
Importance Code A	$16,700		$500	
Importance Code C	$52,400			$5,100
Total	**$69,000**		**$500**	**$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
STILLWELL AVE. BRIDGE
Asset # : 13572

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	25%	4+	$16,100	2038	* *	4	$39,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	75%			2025	$965,500	4	$59,000	
Curbs								
Concrete w/ Steel Face	100%	4+	$16,700	LIFE	* *			
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Steel	100%			LIFE	* *	2-8	$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
STILLWELL AVE. BRIDGE
Asset # : 13572

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	10%	2-4	$16,600	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Northeast Corner And Southeast Corner								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	90%			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								
Steel	100%			LIFE	* *	2-8	$10,900	
Sidewalks								
Concrete	100%			2034	* *	5	$10,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%			2038	* *	5	$71,700	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Water Ponding								

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

DEPARTMENT OF TRANSPORTATION - 841
STILLWELL AVE. BRIDGE
Asset # : 13572

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Explanation : Total 4 Of Scuppers								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK**
Address : **TIFFANY STREET**
Borough : **BRONX**
Program / Asset # : **DOT0182.000 / 13716**
Area Sq Ft : **7,267**
Date of Survey : **23-Aug-2016**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1908 /**
Project Type : **HIGHWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2241170**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$588,700
Total		**$588,700**
Importance Code C		$588,700
Total		**$588,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$73,900		$1,900	
Total	**$73,900**		**$1,900**	
Importance Code A			$100	
Importance Code B	$15,400			
Importance Code C	$58,500		$1,700	
Total	**$73,900**		**$1,900**	

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
TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK
Asset # : 13716

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$15,400	LIFE	* *			
Loose Elements, Extent : Light, Area Affected : 15%								
Location : Both Abutments								
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								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%	4+	$29,400	2029	$588,700	4	$12,100	
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Consists Of 50 Percent Asphalt And 50 Percent Concrete								
Concrete	100%	4+	$17,900	2037	* *	4	$18,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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
TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK
Asset # : 13716

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2037	* *	4		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Both Approaches								
Explanation : Consists Of 50% Concrete And 50% Metal Fence								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	95%			LIFE	* *			
Concrete	5%	4+	$1,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2037	* *	4		
Other Observation, Extent : Light, Area Affected : 50%								
Location : Both Sides								
Explanation : Consists Of 50 Percent Concrete And 50 Percent Corrugated Steel Sheeting								
Steel	100%			LIFE	* *	2-8	$3,700	
Sidewalks								
Concrete	100%			2033	* *	5	$3,500	
Wearing Surface								
Concrete	100%	4+	$9,600	2037	* *	5	$20,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **TO QUEENSBORO BRDG FROM E58 ST EAST 59TH STREET**
Address : **E58TH STREET RAMP TO QUEENSBORO BETWEEN 1ST AND 2ND AVENUES**
Borough : **MANHATTAN**
Agency's Number : **N/A**
Program / Asset # : **DOT0238.000 / 14978**
Yr Built/Renovated : **1929 /**
Area Sq Ft : **15,495**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **14-Nov-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **224004D**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$516,400	$840,800
Total	**$516,400**	**$840,800**
Importance Code A	$35,600	$35,600
Importance Code B	$156,300	$156,300
Importance Code C	$324,500	$648,900
Total	**$516,400**	**$840,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$209,000		$26,200	
Total	**$209,000**		**$26,200**	
Importance Code A	$34,600		$9,600	
Importance Code B	$142,000		$16,600	
Importance Code C	$32,400			
Total	**$209,000**		**$26,200**	

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
TO QUEENSBORO BRDG FROM E58 ST EAST 59TH STREET
Asset # : 14978

Bridge Structure	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								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway								
Pier Protection								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Barrier								
Approaches								
Pavement								
Concrete	100%	4+	$10,400	2039	* *	4	$9,000	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	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
TO QUEENSBORO BRDG FROM E58 ST EAST 59TH STREET
Asset # : 14978

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	100%	4+	$1,900	LIFE	* *	5	$500	
Cracks, Extent : Light, Area Affected : 5%								
Location : West Side								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$137,800	
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$737,400	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	12%	4+	$12,900	2039	* *	4	$12,000	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Barrier								
Concrete	88%			2039	* *	4	$12,000	
Wearing Surface								
Concrete	5%	4+	$22,000	2039	* *	5	$324,500	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Concrete	95%			2039	* *	5	$648,900	
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 4 Scruppers								
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
TO QUEENSBORO BRDG FROM E58 ST EAST 59TH STREET
Asset # : 14978

Bridge Structure	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								
Deck,Structural								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Stay-in-place Form								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8		
Secondary Member								
Steel	100%			LIFE	* *	2-8	$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.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$106,600	$81,100
Total	**$106,600**	**$81,100**
Importance Code C	$106,600	$81,100
Total	**$106,600**	**$81,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$72,600		$700	
Total	**$72,600**		**$700**	
Importance Code A	$33,500		$700	
Importance Code B	$15,300			
Importance Code C	$23,800			
Total	**$72,600**		**$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		
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+	$15,300	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Random Locations Both Sides								
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+	$18,500	2036	* *	4	$30,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : At Joint Of South Abutment								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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		
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	* *	4		
Sidewalks								
Concrete	100%	4+	$5,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : North Approach								
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	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%	4+	$33,500	2036	* *	4	$14,300	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Western Side								
Steel	100%			LIFE	* *	2-8	$19,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chain Link Fence								
Sidewalks								
Concrete	100%	4+	$49,100	2032	* *	5	$17,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Map Cracking At Western Sidewalk, Random Cracks Throughout Both Sides								

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

DEPARTMENT OF TRANSPORTATION - 841

TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD

Asset # : 2484

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	100%	4+	$57,500	2036	* *	5	$81,100	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **01-Dec-2017**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2241940**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$490,200	$1,168,000
Total	**$490,200**	**$1,168,000**
Importance Code C	$490,200	$1,168,000
Total	**$490,200**	**$1,168,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$121,500	$600	$4,600	
Total	**$121,500**	**$600**	**$4,600**	
Importance Code A	$29,000	$600	$600	
Importance Code B	$15,300			
Importance Code C	$77,300		$4,000	
Total	**$121,500**	**$600**	**$4,600**	

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		
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+	$15,300	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Along West Joint Header								
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								
Concrete	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	25%	2-4	$29,800	2030	$148,900	4	$8,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : East Approach								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : East Approach								
Explanation : Uneven Surface								
Asphalt	75%			2023	$446,800	4	$8,100	
Concrete	45%	4+	$16,700	2038	* *	4	$61,700	
Delaminations, Extent : Light, Area Affected : 5%								
Location : Along West Joint Header								
Spalling, Extent : Light, Area Affected : 5%								
Location : West Joint Header								
Concrete	55%			2025	$1,019,000	4	$92,500	
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
TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS
Asset # : 2485

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2038	* *	4	$1,700	
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chain Link Fence								
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								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	$29,000	2038	* *	4	$12,400	
Cracks, Extent : Light, Area Affected : 2%								
Location : North Side								
Steel	100%			LIFE	* *	2-8	$16,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chain Link Fence								
Sidewalks								
Concrete	100%	4+	$43,300	2034	* *	5	$15,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								

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

DEPARTMENT OF TRANSPORTATION - 841
TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS
Asset # : 2485

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	100%			2038	* *	5		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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.*

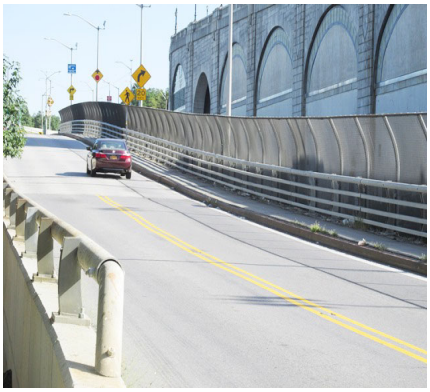
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **30-Aug-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2245250**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$666,900
Total		**$666,900**
Importance Code A		$288,700
Importance Code B		$288,700
Importance Code C		$89,500
Total		**$666,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$92,000		$58,500	
Total	**$92,000**		**$58,500**	
Importance Code A	$6,900		$29,500	
Importance Code B	$19,100		$29,000	
Importance Code C	$66,000			
Total	**$92,000**		**$58,500**	



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

WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH

Asset # : 13520

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Backwall								
Concrete	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2048	* *			
Corrosion, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	$19,100	LIFE	* *			
Leakage, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : At Sidewalk At End Of Abutment								
Explanation : Damaged/ Misaligned Expansion Joint Membrane								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
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	* *			
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

WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH

Asset # : 13520

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	100%	4+	$17,500	2037	* *	4	$55,500	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2037	* *	4		
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 2%								
Location : Pier 5								
Pier,Columns								
Concrete	100%			LIFE	* *			
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Pier 6								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Pier 6								
Explanation : Map Cracks								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$9,800	
Corrosion, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
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

WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH

Asset # : 13520

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : East Side Only								
Explanation : Concrete Curb With Steel Facing								
Railings/Parapets								
Concrete	100%	4+	$6,900	2037	* *	4	$400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Span 4								
Steel	100%			LIFE	* *	2-8	$4,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : East And West Sides								
Explanation : Steel Railing And Concrete Parapet At West Side. Steel Fence And Steel Railing At East Sides								
Sidewalks								
Concrete	100%	4+	$11,100	2033	* *	5	$7,400	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	$33,400	2037	* *	5	$89,500	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Random Locations Throughout								
Scupper								
Ductile Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$32,500	
Other Observation, Extent : Light, Area Affected : 80%								
Location : Throughout								
Explanation : Stay In Place Forms								
Joints								
Generic	100%	4+	$4,000	LIFE	* *			
Missing/Damaged Seal, Extent : Moderate, Area Affected : 10%								
Location : Span 4 Expansion Joint								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Span 4								
Explanation : Sealant Missing								
Primary Member								
Steel	100%			LIFE	* *	2-8	$539,300	
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Span 6								

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

DEPARTMENT OF TRANSPORTATION - 841
WEST 158TH STREET BRIDGE W 158TH ST./AMTRAK 30 ST BRANCH
Asset # : 13520

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$451,700	

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **WEST 37TH STREET AMTRAK 30TH STREET BRANCH**
Address : **WEST 37TH STREET BETWEEN 10TH & 11TH AVENUES**
Borough : **MANHATTAN**
Agency's Number : **N/A**
Program / Asset # : **DOT0239.000 / 14979**
Yr Built/Renovated : **1938 /**
Area Sq Ft : **7,062**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **09-Oct-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2245060**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$180,200	$138,300
Total	**$180,200**	**$138,300**
Importance Code A	$155,500	$113,500
Importance Code B	$24,700	$24,700
Total	**$180,200**	**$138,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$162,600		$15,100	
Total	**$162,600**		**$15,100**	
Importance Code A	$72,500		$12,200	
Importance Code B	$55,400		$2,900	
Importance Code C	$34,700			
Total	**$162,600**		**$15,100**	

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 37TH STREET AMTRAK 30TH STREET BRANCH
Asset # : 14979

Bridge Structure	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								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Stem (breastwall)								
Concrete Encased Steel	2%	4+	$19,600	LIFE		* *		
Efflorescence, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Cracks								
Concrete Encased Steel	98%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	15%	4+	$16,300	LIFE		* *		
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Concrete	85%			LIFE		* *		
Feature Crossed								
Bank Protection								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
Concrete	100%	4+	$10,100	LIFE		* *		
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Cracks								
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 37TH STREET AMTRAK 30TH STREET BRANCH
Asset # : 14979

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	100%	4+	$3,200	2039	* *	4	$6,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2039	* *	4	$600	
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$1,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$168,800	
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$116,600	
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$11,500	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$2,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
WEST 37TH STREET AMTRAK 30TH STREET BRANCH
Asset # : 14979

Bridge Structure	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								
Railings/Parapets								
Concrete	100%	4+	$7,400	2039	* *	4	$3,600	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Random Locations Throughout								
Explanation : Heavy Graffiti								
Steel	100%			LIFE	* *	2-8	$8,100	
Sidewalks								
Concrete	100%	4+	$6,500	2035	* *	5	$2,600	
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%	4+	$7,700	2039	* *	5	$12,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	55%	4+	$41,900	LIFE	* *	5	$7,800	
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	45%			LIFE	* *	5	$15,500	
Primary Member								
Steel	100%			LIFE	* *	2-8	$223,800	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$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.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **WEST 38TH STREET AMTRAK 30TH STREET BRANCH**
Address : **WEST 38TH STREET BETWEEN 10TH AND 11TH AVENUES**
Borough : **MANHATTAN**
Agency's Number : **N/A**
Program / Asset # : **DOT0240.000 / 14980**
Yr Built/Renovated : **1934 /**
Area Sq Ft : **6,160**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **09-Oct-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2245070**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$81,400	$62,100
Total	**$81,400**	**$62,100**
Importance Code A	$81,400	$62,100
Total	**$81,400**	**$62,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$172,100		$6,000	
Total	**$172,100**		**$6,000**	
Importance Code A	$97,000		$2,200	
Importance Code B	$46,200		$1,200	
Importance Code C	$28,900		$2,600	
Total	**$172,100**		**$6,000**	

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
WEST 38TH STREET AMTRAK 30TH STREET BRANCH
Asset # : 14980

Bridge Structure	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								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Stem (breastwall)								
Concrete Encased Steel	40%	4+	$21,100	LIFE		* *		
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Cracks								
Concrete Encased Steel	60%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	25%	4+	$16,800	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Concrete	75%			LIFE		* *		
Feature Crossed								
Bank Protection								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
Concrete	100%			LIFE		* *		
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Cracks								
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 38TH STREET AMTRAK 30TH STREET BRANCH
Asset # : 14980

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	50%	4+	$8,200	2031	* *	4	$5,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Asphalt	50%			2031	* *	4	$5,100	
Curbs								
Concrete w/ Steel Face	100%	4+	$1,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Corrosion, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%	4+	$4,200	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%	4+	$900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	100%	4+	$13,400	LIFE	* *	2-8	$48,100	
Corrosion, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Pier,Columns								
Steel	100%	4+	$25,100	LIFE	* *	2-8	$33,400	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
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 38TH STREET AMTRAK 30TH STREET BRANCH
Asset # : 14980

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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)								
Generic	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$1,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%	4+	$15,800	2039	* *	4	$3,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$7,000	
Sidewalks								
Concrete	100%			2035	* *	5	$4,500	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%	4+	$3,000	2031	* *	5	$2,600	
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Superstructure								
Deck,Structural								
Concrete	76%	4+	$20,200	LIFE	* *	5	$6,800	
Cracks, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Concrete	24%			LIFE	* *	5	$13,600	
Joints								
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 38TH STREET AMTRAK 30TH STREET BRANCH
Asset # : 14980

Bridge Structure	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 Encased Steel	65%	4+	$81,400	LIFE	* *	5	$31,000	
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete Encased Steel	35%			LIFE	* *	5	$62,100	
Secondary Member								
Concrete Encased Steel	100%			2058	* *			

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **WEST 39TH STREET AMTRAK 30TH STREET BRANCH**
Address : **WEST 39TH STREET BETWEEN 10TH AND 11TH AVENUES**
Borough : **MANHATTAN**
Agency's Number : **N/A**
Program / Asset # : **DOT0241.000 / 14981**
Yr Built/Renovated : **1934 /**
Area Sq Ft : **6,159**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **09-Oct-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2245080**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$202,800	$125,800
Total	**$202,800**	**$125,800**
Importance Code A	$181,300	$104,300
Importance Code B	$21,500	$21,500
Total	**$202,800**	**$125,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$189,700		$9,800	
Total	**$189,700**		**$9,800**	
Importance Code A	$71,900		$4,300	
Importance Code B	$61,300		$2,200	
Importance Code C	$56,600		$3,300	
Total	**$189,700**		**$9,800**	

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
WEST 39TH STREET AMTRAK 30TH STREET BRANCH
Asset # : 14981

Bridge Structure	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								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Stem (breastwall)								
Concrete Encased Steel	65%	4+	$32,300	LIFE		* *		
Efflorescence, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Cracks								
Concrete Encased Steel	35%			LIFE		* *		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	35%	4+	$15,600	LIFE		* *		
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	65%			LIFE		* *		
Feature Crossed								
Bank Protection								
Generic	100%			LIFE		* *		
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
WEST 39TH STREET AMTRAK 30TH STREET BRANCH
Asset # : 14981

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Concrete	45%	4+	$11,000	LIFE	* *			
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Cracks								
Concrete	55%			LIFE	* *			
Approaches								
Pavement								
Asphalt	80%	4+	$6,700	2031	* *	4	$6,600	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Asphalt	20%			2031	* *	4	$6,600	
Curbs								
Concrete w/ Steel Face	100%	4+	$1,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	$1,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	100%	4+	$27,300	LIFE	* *	2-8	$97,700	
Corrosion, Extent : Light, Area Affected : 2%								
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.*

DEPARTMENT OF TRANSPORTATION - 841
WEST 39TH STREET AMTRAK 30TH STREET BRANCH
Asset # : 14981

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$101,300	
Corrosion, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	$900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%	4+	$3,200	2039	* *	4	$1,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$3,500	
Sidewalks								
Concrete	100%	2-4	$25,600	2035	* *	5	$1,000	
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%	2-4	$7,700	2031	* *	5	$3,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Superstructure								

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

DEPARTMENT OF TRANSPORTATION - 841
WEST 39TH STREET AMTRAK 30TH STREET BRANCH
Asset # : 14981

Bridge Structure	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								
Deck,Structural								
Concrete	91%	4+	$121,100	LIFE	* *	5	$6,800	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	9%			LIFE	* *	5	$13,600	
Joints								
Not Accessible	100%							
Primary Member								
Concrete Encased Steel	48%	4+	$60,200	LIFE	* *	5	$31,000	
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete Encased Steel	52%			LIFE	* *	5	$62,100	
Secondary Member								
Concrete Encased Steel	100%			2058	* *			

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **WEST 42ST STREET AMTRAK 30TH STREET BRANCH**
Address : **WEST 41ST STREET BETWEEN 10TH AND 11TH AVENUES**
Borough : **MANHATTAN**
Agency's Number : **N/A**
Program / Asset # : **DOT0242.000 / 14982**
Yr Built/Renovated : **1935 /**
Area Sq Ft : **6,282**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **09-Oct-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2245330**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$208,300	$66,500
Total	**$208,300**	**$66,500**
Importance Code A	$158,900	$43,600
Importance Code B	$49,400	$22,900
Total	**$208,300**	**$66,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$96,900		$6,700	
Total	**$96,900**		**$6,700**	
Importance Code A	$46,200		$4,400	
Importance Code B	$20,200		$2,300	
Importance Code C	$30,500			
Total	**$96,900**		**$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
WEST 42ST STREET AMTRAK 30TH STREET BRANCH
Asset # : 14982

Bridge Structure	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								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete Encased Steel	100%			LIFE		* *		
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Cracks								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Piles								
Not Accessible	100%							
Walls								
Concrete	46%	4+	$15,200	LIFE		* *		
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	54%			LIFE		* *		
Feature Crossed								
Bank Protection								
Generic	100%			LIFE		* *		
Mat (scour & erosion)								
Generic	100%			LIFE		* *		
Pier Protection								
Concrete	20%	2-4	$20,200	LIFE		* *		
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Explanation : Cracks								
Concrete	80%			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 42ST STREET AMTRAK 30TH STREET BRANCH
Asset # : 14982

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	$6,200	2031	* *	4	$4,800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Concrete	100%	4+	$2,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	100%	4+	$28,200	LIFE	* *	2-8	$100,900	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Pier,Columns								
Steel	100%	4+	$49,400	LIFE	* *	2-8	$65,800	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	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
WEST 42ST STREET AMTRAK 30TH STREET BRANCH
Asset # : 14982

Bridge Structure	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								
Curbs								
Concrete w/ Steel Face	100%	0-2	$11,100	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Random Locations Throughout								
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Concrete	100%	4+	$4,100	2035	* *	5	$1,600	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%			2031	* *	5	$5,300	
Superstructure								
Deck,Structural								
Concrete	52%	2-4	$70,800	LIFE	* *	5	$6,900	
Cracks, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Concrete	48%			LIFE	* *	5	$13,900	
Joints								
Not Accessible	100%							
Primary Member								
Concrete Encased Steel	100%	4+	$88,100	LIFE	* *	5	$31,700	
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Secondary Member								
Concrete Encased Steel	100%			2058	* *			

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **WEST FORDHAM ROAD METRO NORTH RAILROAD HUDSON**
Address : **W. FORDHAM RD. OVER METRO NORTH HUDSON LINE**
Borough : **BRONX**
Agency's Number : **N/A**
Program / Asset # : **DOT0252.000 / 14992**
Yr Built/Renovated :
Area Sq Ft : **23,545**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **23-Oct-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2241470**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$293,200	$353,300
Total	**$293,200**	**$353,300**
Importance Code A	$233,000	$233,000
Importance Code C	$60,100	$120,200
Total	**$293,200**	**$353,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$161,900		$33,200	
Total	**$161,900**		**$33,200**	
Importance Code A	$113,000		$26,700	
Importance Code B	$16,500		$1,400	
Importance Code C	$32,300		$5,100	
Total	**$161,900**		**$33,200**	

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
WEST FORDHAM ROAD METRO NORTH RAILROAD HUDSON
Asset # : 14992

Bridge Structure	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	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Generic	100%			LIFE	* *			
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	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Masonry	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Masonry								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Masonry	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Masonry								
Feature Crossed								
Bank Protection								
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
WEST FORDHAM ROAD METRO NORTH RAILROAD HUDSON
Asset # : 14992

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	* *			
Roadway/Path, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 33 Percent Asphalt Paving								
Earth	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Railroad Tracks 67 Percent Earth								
Pier Protection								
Concrete	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	1%	4+	$6,500	2031	* *	4	$10,200	
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Asphalt	99%			2031	* *	4	$10,200	
Curbs								
Concrete w/ Steel Face	100%	4+	$1,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Embankment								
Generic	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2039	* *	4	$800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Sidewalks								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
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
WEST FORDHAM ROAD METRO NORTH RAILROAD HUDSON
Asset # : 14992

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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								
Multi-Rotational Bearing	100%			2058	* *			
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%	4+	$2,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Median								
Concrete	100%			LIFE	* *	5	$1,700	
Railings/Parapets								
Concrete	100%			2039	* *	4	$5,400	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Steel	100%			LIFE	* *	2-8	$12,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Sidewalks								
Concrete	100%	4+	$7,300	2035	* *	5	$3,000	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	1%	4+	$18,500	2039	* *	5	$60,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	99%			2039	* *	5	$120,200	
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Two Scuppers Observed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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 FORDHAM ROAD METRO NORTH RAILROAD HUDSON
Asset # : 14992

Bridge Structure	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								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$51,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Covered With Stay-in-place Form								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$746,100	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$38,400	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **WEST TREMONT AVENUE METRO NORTH RAILROAD HUDSON**
Address : **W. TREMONT AVE. OVER METRO NORTH BET. MATTHEWSON RD AND CEDAR AVE**
Borough : **BRONX**
Agency's Number : **N/A**
Program / Asset # : **DOT0251.000 / 14991**
Yr Built/Renovated :
Area Sq Ft : **21,960**
Project Type : **HIGHWAY BRIDGES**
Date of Survey : **23-Oct-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2241460**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$455,000	$433,100
Total	**$455,000**	**$433,100**
Importance Code A	$293,600	$293,600
Importance Code B	$112,800	$42,200
Importance Code C	$48,600	$97,300
Total	**$455,000**	**$433,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$299,600		$35,200	
Total	**$299,600**		**$35,200**	
Importance Code A	$178,700		$29,700	
Importance Code B	$77,000		$5,500	
Importance Code C	$43,900			
Total	**$299,600**		**$35,200**	

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
WEST TREMONT AVENUE METRO NORTH RAILROAD HUDSON
Asset # : 14991

Bridge Structure	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								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Under Construction								
Backwall								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Under Construction								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Under Construction								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	$19,900	LIFE		* *		
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Under Construction								
Stem (breastwall)								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Under Construction								
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Under Construction								

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

DEPARTMENT OF TRANSPORTATION - 841
WEST TREMONT AVENUE METRO NORTH RAILROAD HUDSON
Asset # : 14991

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Paved Roadway 75 Percent Asphalt Paving								
Earth	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Railroad Tracks 25 Percent Earth								
Pier Protection								
Concrete	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%	4+	$2,600	2031	* *	4	$2,000	
Cracks, Extent : Light, Area Affected : 6%								
Location : Random Locations Throughout								
Curbs								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 25 Percent Concrete								
Concrete w/ Steel Face	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 25 Percent Concrete With Steel Face								
Granite	100%	4+	$3,200	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Granite								
Embankment								
Generic	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	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
WEST TREMONT AVENUE METRO NORTH RAILROAD HUDSON
Asset # : 14991

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Masonry	100%	4+	$5,000	2039	* *			
Spalling, Extent : Light, Area Affected : 100%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Northeast Corner								
Explanation : Missing Element, Impact Damage, 50 Percent Masonry								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Sidewalks								
Concrete	65%	4+	$900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	35%			LIFE	* *			
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$294,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 25 Percent Steel								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 75 Percent Not Accessible								
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$199,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Not Accessible								

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

DEPARTMENT OF TRANSPORTATION - 841
WEST TREMONT AVENUE METRO NORTH RAILROAD HUDSON
Asset # : 14991

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier								
Concrete	40%	4+	$70,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Concrete	60%			LIFE	* *			
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Not Accessible								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Not Accessible								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Under Construction								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%	4+	$6,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 4%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 40 Percent Concrete								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 10 Percent Steel								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : 50 Percent Not Accessible								

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

DEPARTMENT OF TRANSPORTATION - 841
WEST TREMONT AVENUE METRO NORTH RAILROAD HUDSON
Asset # : 14991

Bridge Structure	Current Repair			Future Replacement		Maintenance		
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								
Curbs								
Concrete	100%			2050	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Concrete w/ Steel Face	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete With Steel Face								
Railings/Parapets								
Concrete	100%	4+	$8,700	2039	* *	4	$4,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Steel	100%			LIFE	* *	2-8	$9,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Sidewalks								
Concrete	100%	4+	$13,200	2035	* *	5	$5,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 3%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	70%	4+	$20,900	2039	* *	5	$48,600	
Cracks, Extent : Light, Area Affected : 12%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 8%								
Location : Random Locations Throughout								
Concrete	30%			2039	* *	5	$97,300	
Superstructure								

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

DEPARTMENT OF TRANSPORTATION - 841
WEST TREMONT AVENUE METRO NORTH RAILROAD HUDSON
Asset # : 14991

Bridge Structure	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								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$48,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Concrete								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Under Construction								
Joints								
Generic	100%	4+	$6,300	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Primary Member								
Concrete	100%			LIFE	* *	5	$38,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Box Beam 15 Percent Concrete								
Steel	100%			LIFE	* *	2-8	$695,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 35 Percent Steel								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Under Construction								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$35,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 50 Percent Steel								
Under Construction	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : 50 Percent Under Construction								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **22-Dec-2017**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2241230**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$1,194,200
Total		**$1,194,200**
Importance Code C		$1,194,200
Total		**$1,194,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$31,900	$300	$35,100	$3,700
Total	**$31,900**	**$300**	**$35,100**	**$3,700**
Importance Code A		$300	$200	
Importance Code C	$31,900		$34,900	$3,700
Total	**$31,900**	**$300**	**$35,100**	**$3,700**

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
WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/ P AND W
Asset # : 13569

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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%			LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Northwest Corner								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Northwest And Southeast Sides								
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								
Asphalt	100%	4+	$23,900	2030	$1,194,200	4	$18,600	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : East Approach South Side								
Rust Stains, Extent : Light, Area Affected : 15%								
Location : Throughout								
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
WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/ P AND W
Asset # : 13569

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Concrete	100%			2038	* *	4	$500	
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steel Panel Wall								
Sidewalks								
Concrete	100%	4+	$8,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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	* *			
Rust Stains, Extent : Light, Area Affected : 15%								
Location : Throughout								
Median								
Concrete	100%			LIFE	* *	5	$700	
Railings/Parapets								
Concrete	100%			2038	* *	4	$600	
Steel	100%			LIFE	* *	2-8	$5,300	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Steel Panel Wall								
Sidewalks								
Concrete	100%			2034	* *	5	$7,500	
Wearing Surface								
Concrete	100%			2038	* *	5	$69,800	
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

WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/ P AND W

Asset # : 13569

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Material Is Concrete								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **09-Feb-2018**		**Landmark Status**	: **NONE**	
Areas Surveyed	:				
Block	:	**Lot** :	**BIN**	: **2240089**	

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$1,324,000	$1,323,300
Bridge Mechanical	$139,200	
Total	**$1,463,200**	**$1,323,300**
Importance Code A		$925,500
Importance Code B	$319,200	$397,800
Importance Code C	$1,144,100	
Total	**$1,463,200**	**$1,323,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$26,700		$126,800	$37,200
Bridge Electrical	$8,700	$6,300	$6,300	$6,300
Bridge Mechanical	$153,900		$125,700	
Total	**$189,300**	**$6,300**	**$258,800**	**$43,600**
Importance Code A			$86,900	
Importance Code B	$162,600	$6,300	$172,000	$6,300
Importance Code C	$26,700			$37,200
Total	**$189,300**	**$6,300**	**$258,800**	**$43,600**

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

145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER

Asset # : 2468

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2059	* *			
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	$1,144,100	LIFE	* *			
Spalling, Extent : Severe, Area Affected : 25%								
Location : The Concrete Bulkhead Under Span 3 On The Right Side Is Spalled On Rotting Timber Cribbing.								
Riprap	100%			LIFE	* *			
Timber	100%			2037	* *			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	10%	0-2	$179,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Piers 3 And 5 Right Side Dolphins								
Rotted, Extent : Moderate, Area Affected : 25%								
Location : Piers 3 And 5 Right Side Dolphins								
Split/Dry/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Piers 3 And 5								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Piers 3 And 5								
Explanation : Exhibits Impact Damage To Dolphins.								
Timber	90%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 4								
Explanation : New Pier Protection.								
Approaches								

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

DEPARTMENT OF TRANSPORTATION - 841

145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER

Asset # : 2468

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2033	* *	4	$80,000	
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	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 6 And 7.								
Explanation : Concrete Cap Beam								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1 Through 3 And 5 Through 7.								
Explanation : Concrete Pier Stem								
Granite	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 3 And 5.								
Explanation : Granite Facade.								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2059	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1 Through 3 And 5 Through 7.								
Explanation : Elastomeric Bearings. For Spans 1 Through 3 And 6 Through 8.								
Steel	100%			LIFE	* *	2-8		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 3, 4, 5.								
Explanation : Steel Bearings. For Spans 4 And 5.								
Footings								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	* *			
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 Through 3 And 6 Through 8.								
Explanation : Spans 1 Through 3 And 6 Through 8.								
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		
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	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 Through 3 And 6 Through 8.								
Explanation : Chain Link Fence Both Sides								
Steel	25%			LIFE	* *	2-8	$28,800	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 4 And 5.								
Explanation : Chain Link Fence And Pedestrian Railing On Both Sides.								
Sidewalks								
Concrete	100%			2039	* *	5	$29,000	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 Through 3 And 6 Through 8.								
Explanation : Spans 1 Through 3 And 6 Through 8.								
Grating w/ Concrete	100%			2059	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 4 And 5.								
Explanation : Spans 4 And 5.								
Wearing Surface								
Asphalt	100%			2034	* *	5	$45,500	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$60,700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 3 And 6 Through 8.								
Explanation : Spans 1, 3 And 6 Through 8.								
Grating w/ Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 4 And 5.								
Explanation : Spans 4 And 5.								
Joints								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 3 And 5.								
Explanation : Piers 3 And 5.								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1, 2 And 6 Through 7.								
Explanation : Piers 1, 2 And 6 Through 7.								

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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

145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER

Asset # : 2468

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Concrete	100%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 2.								
Explanation : Span 2.								
Steel	100%			LIFE	* *	2-8	$1,579,800	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 3 And 6 Through 8.								
Explanation : Spans 1, 3 And 6 Through 8.								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$622,400	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 3 And 6 Through 8.								
Explanation : Spans 1, 3 And 6 Through 8.								
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	* *			
Swing Span Pivot Pier								
Concrete	100%			LIFE	* *			

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%			2029	$15,400			
Telephone								
Desk Top	100%			2029				
Control System Electrical								
Computer								
PLC	100%	Now	$1,300	2029	$26,400			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Machinery Room								
Explanation : Uninterruptible Power Source For Programmable Logic Controller Power Has Failed And Is Bypassed.								
Control Console								
Stainless Steel	100%			LIFE	* *			
Control Devices								
Relay	100%			2049	* *			
Disconnect Switch								
Non Fused	100%			2049	* *	1	$35,900	
Limit Switch								
Generic	100%			2049	* *			
Local Starter								
Magnetic	100%			2049	* *			
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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Drive								
Machinery Brake								
Thruster	100%			2059	* *	1	$600	
Motor Brake								
Thruster	100%			2059	* *	1	$1,100	
Electrical Power								
MCC								
Generic	100%			2049	* *			
Panelboard								
Circuit Breaker	100%			2049	* *	1	$6,700	
Transfer Switch								
Auto	100%			2049	* *			
Transformer								
Dry	100%			2049	* *			
Exterior Lighting								
Lighting Contactor								
Generic	100%			2049	* *	1	$5,600	
Lighting Fixture								
HID	100%			2029				
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2034	* *			
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2034	* *			
Lightning Terminals								
Copper	100%			2029	$1,400			
Interior Lighting								
Exit Lighting								
Battery Operated	100%			2034	* *			
Lighting Fixture								
Fluorescent	100%			2034	* *	1	$5,600	
Raceway								
Box								
Terminal	100%			2039	* *	1	$4,500	
Collector Ring								
Metal	100%			2039	* *			
Communications								
Twisted Shielded pair	100%			2029				
Conduit								
Metal	100%			2069	* *			
Submarine Control Cables								
Control	100%			2034	* *			
Submarine Power Cable								
Power	100%			2034	* *			
Wires								
Thermoplastic	100%			2049	* *			

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

DEPARTMENT OF TRANSPORTATION - 841
145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER
Asset # : 2468

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Transfer Switch								
Auto	100%			2049	* *			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2029		1	$1,100	
Traffic Gate Lighting								
Incandescent	100%			2029		1	$1,100	
Traffic Gong								
Generic	100%			2029		1	$600	
Traffic Signal								
Generic	100%			2029		1	$600	
Lighting								
Lighting Devices								
Generic	40%	Now	$800	2034	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Center Pier								
Explanation : Incandescent Fender Lighting - 2 Lights Out								
Generic	10%	Now	$200	2034	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : West Pier								
Explanation : Incandescent Pier Lighting - 2 Lights Out								
Generic	50%			2034	* *			

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								
Center Latch								
Generic	100%	Now	$35,400	2069	* *	2	$18,000	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Center Latches								
Explanation : No Operation Observed. Some Adjustment May Be Required								
Center Pivot								
Generic	100%			2069	* *	2	$67,400	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Center Pivot								
Explanation : No Operation Observed								
Emergency Drive								
Emergency Power	100%	2-4	$8,800	2069	* *	2	$35,900	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Hydraulic Power Unit								
Explanation : Could Not Test. Some Old Fluid At The Bottom Of The Containment								

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

DEPARTMENT OF TRANSPORTATION - 841

145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER

Asset # : 2468

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
End Lift								
Generic	100%	Now	$27,000	2069	* *	2	$35,900	
Other Observation, Extent : Light, Area Affected : 2%								
Location : End Lift								
Explanation : No Operation Observed. Minor Oil Leakage.								
Fuel Tanks								
Generic	100%			2049	* *			
Houses								
Control House	100%	Now	$12,500	2069	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Bathroom And Approach Houses								
Explanation : Plumbing For The Bathroom Requires Repair. No Running Water. Repair Required For Floor In One House.								
Main Drive System								
Generic	50%	Now	$15,200	2069	* *	2	$179,600	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Drive Machinery								
Explanation : Some Bolts Require Paint. Secondary Reducers Do Not Have Sight Gauge. No Operation Observed.								
Generic	50%			2069	* *	2	$224,500	
Structural Bearings								
Generic	100%			2044	* *			
Traffic Devices								
Barrier Gate	100%	Now	$32,000	2044	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Barrier Gates								
Explanation : No Operation Observed. Southwest Gate Reported Not Working. One Door Damaged.								
Warning Gate	100%	Now	$103,800	2044	* *			
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Northwest And Southwest Gate								
Explanation : No Operation Observed. Arm Bent. Northwest And Southwest Gate Operation Reported Problematic.								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$7,249,600
Total		**$7,249,600**
Importance Code A		$6,847,400
Importance Code B		$402,200
Total		**$7,249,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure		$35,600	$713,600	
Total		**$35,600**	**$713,600**	
Importance Code A		$11,100	$673,300	
Importance Code B			$40,300	
Importance Code C		$24,500		
Total		**$35,600**	**$713,600**	

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 EAST BOUND OVER PAERDEGAT BASIN
Asset # : 14776

Bridge Structure	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	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2067	* *			
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	$3,300	
Steel	100%			LIFE	* *	2-8	$2,200	
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							

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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
BELT PARKWAY EAST BOUND OVER PAERDEGAT BASIN
Asset # : 14776

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Concrete	100%			2042	* *	4	$1,800	
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Pier,Columns								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2067	* *			
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	$28,200	
Steel	100%			LIFE	* *	2-8	$25,800	
Sidewalks								
Concrete	100%			2037	* *	5	$29,200	
Wearing Surface								
Concrete	100%			2042	* *	5		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$143,900	
Primary Member								
Steel	100%			LIFE	* *	2-8	$12,520,800	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$629,300	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$4,668,100
Total		**$4,668,100**
Importance Code A		$4,408,300
Importance Code B		$259,800
Total		**$4,668,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure		$28,900	$461,600	
Total		**$28,900**	**$461,600**	
Importance Code A		$14,300	$435,500	
Importance Code B			$26,100	
Importance Code C		$14,600		
Total		**$28,900**	**$461,600**	

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		
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%			2067	* *			
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	* *	4	$4,500	
Steel	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
BELT PARKWAY WEST BOUND OVER PAERDEGAT BASIN
Asset # : 14775

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Pier,Columns								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2067	* *			
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	$38,500	
Steel	100%			LIFE	* *	2-8	$35,200	
Wearing Surface								
Concrete	100%			2042	* *	5		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$78,200	
Primary Member								
Steel	100%			LIFE	* *	2-8	$8,087,600	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$406,500	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$61,700	$526,000
Total	**$61,700**	**$526,000**
Importance Code A		$255,300
Importance Code B		$209,000
Importance Code C	$61,700	$61,700
Total	**$61,700**	**$526,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure		$9,000	$42,500	$15,000
Total		**$9,000**	**$42,500**	**$15,000**
Importance Code A		$4,600	$21,500	
Importance Code B			$21,000	
Importance Code C		$4,400		$15,000
Total		**$9,000**	**$42,500**	**$15,000**

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
BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK
Asset # : 4214

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Near Abutment								
Explanation : Backer Rod Falling Through								
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	
Cracks, Extent : Light, Area Affected : 5%								
Location : Along Center Line And Random Transverse								
Curbs								
Concrete	100%			LIFE	* *			
Embankment								
Generic	100%			LIFE	* *			
Guide Railing								
Concrete	100%			2042	* *	4	$4,300	
Steel	100%			LIFE	* *	2-8	$5,300	

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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
BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK
Asset # : 4214

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5	$1,100	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	* *	4	$2,300	
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
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	$3,600	
Railings/Parapets								
Concrete	100%			2042	* *	4	$7,400	
Steel	100%			LIFE	* *	2-8	$11,200	
Sidewalks								
Concrete	100%			2037	* *	5	$8,800	
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.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841

BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK

Asset # : 4214

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$46,300	
Primary Member								
Steel	100%			LIFE	* *	2-8	$390,400	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$327,100	

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.*

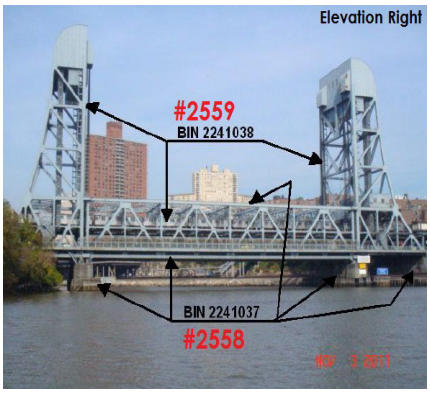
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$4,778,800	$2,393,800
Bridge Electrical	$8,602,000	$1,920,000
Bridge Mechanical	$3,916,500	$4,506,500
Total	**$17,297,300**	**$8,820,400**
Importance Code A	$4,489,800	$753,500
Importance Code B	$12,518,500	$7,180,000
Importance Code C	$288,900	$886,800
Total	**$17,297,300**	**$8,820,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$54,700	$6,000	$152,600	
Bridge Electrical	$19,600			
Bridge Mechanical	$34,200			
Total	**$108,500**	**$6,000**	**$152,600**	
Importance Code A	$500		$77,000	
Importance Code B	$73,100		$75,600	
Importance Code C	$34,800	$6,000		
Total	**$108,500**	**$6,000**	**$152,600**	



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
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Abutment - MTA Track. South Abutment - Fenced Off Area.								
Explanation : North Abutment - Mta Track. South Abutment - Fenced Off Area.								
Backwall								
Granite	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Begin Abutment								
Explanation : Begin Abutment								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : North Abutment - Mta Track.								
Explanation : North Abutment - Mta Track.								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : North Abutment - MTA Track. South Abutment - Fenced Off Area.								
Explanation : North Abutment - Mta Track. South Abutment - Fenced Off Area.								
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : End Abutment								
Explanation : End Abutment								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Begin Abutment								
Explanation : Begin Abutment								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	90%			LIFE	* *			
Concrete	10%	2-4	$500	LIFE	* *			
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : End Abutment Center Pedestal								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : End Abutment Center Pedestal								
Stem (breastwall)								
Concrete	100%			LIFE	* *			
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		
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	$246,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Begin And End Abutments								
Settlement, Extent : Moderate, Area Affected : 5%								
Location : Begin Abutment Left Side.								
Spalling, Extent : Light, Area Affected : 20%								
Location : Begin And End Abutments								
Vegetation Growth, Extent : Light, Area Affected : 20%								
Location : Begin Abutment								
Feature Crossed								
Bank Protection								
Concrete	100%	4+	$13,600	LIFE	* *			
Spalling, Extent : Light, Area Affected : 5%								
Location : North Bank								
Riprap	75%			LIFE	* *			
Riprap	25%	0-2	$3,700	LIFE	* *			
Erosion, Extent : Moderate, Area Affected : 40%								
Location : Missing Riprap Causing Erosion Of Earth Near Begin Abutment								
Timber	100%			2030				
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	80%			LIFE	* *			
Timber	20%	4+	$19,400	LIFE	* *			
Rotted, Extent : Moderate, Area Affected : 20%								
Location : Piers 1 And 2 Top Of Dolphin Piles.								
Approaches								
Pavement								
Asphalt	100%			2030	$378,500	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%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Piers 1 And 2.								
Explanation : Piers 1 And 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.*

DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1 And 2.								
Explanation : Piers 1 And 2.								
Deck Elements								
Curbs								
Steel	100%			LIFE	* *			
Gratings								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 2								
Explanation : Grating On Sidewalk Between Truss Members								
Median								
Steel	100%			LIFE	* *	4-8	$41,200	
Mono Deck Surface								
Concrete	90%			2045	* *	5	$186,000	
Concrete	10%	4+	$2,600	2045	* *	5	$93,000	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Spans 1 And 3								
Railings/Parapets								
Steel	33%			LIFE	* *	2-8	$20,700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 2								
Explanation : Steel Railing And High Fence On Each Side.								
Steel	67%			LIFE	* *	2-8	$20,700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 And 3								
Explanation : Steel Railing On Each Side.								
Sidewalks								
Grating w/ Concrete	100%			2045	* *			
Wearing Surface								
Concrete	90%			2034	* *	5	$84,100	
Concrete	10%	4+	$3,200	2034	* *	5	$42,000	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Spans 1 And 3								
Steel Grating	90%			LIFE	* *	5	$72,600	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 2								
Explanation : Span 2								
Steel Grating	10%	Now	$11,800	LIFE	* *	5	$72,600	
Broken,Missing Pave, Extent : Moderate, Area Affected : 10%								
Location : Pier 2								
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		
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	$15,300	
Joints								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 2								
Explanation : Pier 2								
Steel Finger Joints	100%			2053	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 1								
Explanation : Pier 1								
Primary Member								
Steel	90%			LIFE	* *	2-8	$703,700	
Steel	10%	4+	$1,014,100	LIFE	* *	2-8	$703,700	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Spans 1 And 3 Stringers Below The Joints At Abutments And Piers.								
Loss of Section, Extent : Moderate, Area Affected : 50%								
Location : Spans 1 And 3 Stringers Below The Joints At Abutments And Piers.								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$1,178,900	
Movable Bridges								
Vertical Lift Span								
Steel	85%			LIFE	* *			
Steel	10%	2-4	$1,156,600	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Span 2								
Explanation : Random Areas Of Corrosion And Section Loss								
Steel	5%	Now	$1,156,600	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 15%								
Location : Span 2								
Explanation : Span 2 Has 17 Flagged Locations.								
Vertical Lift Tower								
Steel	100%			LIFE	* *			
Vertical Lift Pier								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$1,162,400	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Piers 1 And 2 Cap Beams								
Explanation : Cracks And Spalls								

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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		
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	$36,900	2025	$36,900			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Entire Bridge								
Explanation : 100% System Obsolete And Inoperative.								
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	$19,600	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Bridge Override Switches								
Explanation : Key Covers To Override Switches Missing. Some Indication Lights Not Functioning								
Disconnect Switch								
Generic	100%			2023	$73,500			
Limit Switch								
Generic	100%			2023	$135,800			
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%	Now	$767,000	2023	$3,835,100			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Motor Control Center								
Explanation : Bridge Not Operable Due To Control System Issues.								
Raceway								
Submarine Control Cables								
Generic	100%	2-4	$1,772,900	2030	$1,772,900			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Submarine Cable Cabinets								
Explanation : No Spares Remaining. Conductors Fail Randomly.								
Wiring								
Generic	100%			2023	$1,708,500			
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	$36,200	2021	$181,000			
Other Observation, Extent : Light, Area Affected : 75%								
Location : All								
Explanation : Underground Conduit Damaged Gongs Not Operational.								
Lighting								
Lighting Devices								
Generic	100%	Now	$55,100	2029	$110,300			
Other Observation, Extent : Light, Area Affected : 30%								
Location : West Light Fixture								
Explanation : The Entire Span Lighting Fixture Is Missing.								

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
Vertical Lift								

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

DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Buffers								
Generic	100%	Now	$34,200	2028	$341,900			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Air Buffers								
Explanation : Some Broken Fittings, One Upper Buffer Is Stuck In Up Position. Upper Buffers Appear To Have Not Worked In Some Time								
Counter Weight Ropes & Gu								
Generic	100%	Now	$88,700	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Ropes And Guides.								
Explanation : No Operation Observed. North Span Guide Rails Bent. Pigeon Droppings And Accumulated Debris.								
Counter Weight								
Auxiliary CTRWT	100%			2040	* *			
Main CTRWT	100%	0-2	$87,000	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Tops Of Counterweight								
Explanation : North Tower Not Accessible. Top Of South Tower Has Some Coverage Of Pigeon Droppings And Debris.								
Elevators								
Generic	100%	Now	$300,300	2028	$600,600			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : North And South Elevators.								
Explanation : Both Elevators Are Not Operational.								
Emergency Drive								
Emergency Power	100%			2040	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Emergency Power								
Explanation : No Operation Observed.								
End Locks								
With Motor	100%	Now	$95,200	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Span Locks								
Explanation : S E Motor Coupling Not Aligned, Damaged Seals, Missing Shaft End Covers, Corroded Bolts And Motor Feet, Adj Required								

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DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER
Asset # : 2558

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Houses								
Access Ways	100%	Now	$67,900	2028	$679,200			
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : All Areas								
Explanation : Access Ways Are Covered In Pigeon Droppings.								
Control House	100%	Now	$47,800	2028	$956,500			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Control House								
Explanation : Plumbing Not Working. Broken Window.								
Machinery Room	100%	Now	$166,300	2040	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : South Machine Room, North Machine Room Not Accessible								
Explanation : South Machine Room - Broken Window And Corner Room Covered In Pigeon Droppings. North Tower Not Accessible								
Main Drive System								
Generic	100%	Now	$823,900	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : South Machine Room, North Not Accessible								
Explanation : Not Operational. South Tower Sheave Rooms Covered In Pigeon Droppings And One Motor Brake Is Not Functioning.								
Sheaves								
Generic	100%	4+	$943,500	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : South Machine Room, North Not Accessible								
Explanation : Sheave Rooms Covered In Pigeon Droppings. No Operation Observed. Check During Operation								
Structural Bearings								
Generic	100%	Now	$38,900	2028	$194,600			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Southwest								
Explanation : Movement At Live Load Support Under Traffic Loading.								
Traffic Devices								
Barrier Gate	100%	Now	$866,800	2028	$1,733,700			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Barrier Gates								
Explanation : South Net Requires Adjustment. North Gate Net Missing. Repairs Required								
Warning Gate	100%	Now	$390,000	2040	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Warning Gates								
Explanation : All Gates Are Not Functioning, Crash Trucks Are Used Instead. Some Pedestrian Arm Missing.								

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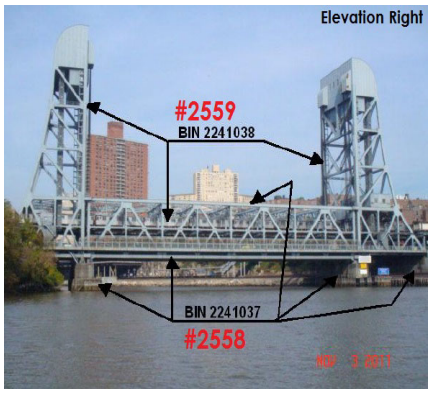
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **22-Aug-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2240138**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$753,500
Total		**$753,500**
Importance Code A		$376,700
Importance Code B		$376,700
Total		**$753,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure			$76,300	
Total			**$76,300**	
Importance Code A			$38,500	
Importance Code B			$37,800	
Total			**$76,300**	



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DEPARTMENT OF TRANSPORTATION - 841
BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER
Asset # : 2559

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Subway Platform								
Explanation : Steel Corrugated Deck								
Sidewalks								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Subway Waiting Area								
Explanation : Subway Platform Adjacent To Tracks								
Deck Elements								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$21,200	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Safety Steel Fence								
Sidewalks								
Fiberglass	100%			2033	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Sides Of The Tracks								
Explanation : Catwalk								
Superstructure								
Deck,Structural								
Steel	100%			LIFE	* *	2-8		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Subway Track								
Timber	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Length Of The Bridge								
Explanation : Railroad Timber Ties								
Primary Member								
Steel	100%			LIFE	* *	2-8	$703,700	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$589,500	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vertical Lift Tower								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Throughout								
Explanation : Sits On Moveable Bridge - Asset 2558								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$3,203,600	$3,433,700
Total	**$3,203,600**	**$3,433,700**
Importance Code A	$2,069,200	$635,000
Importance Code B	$909,700	$574,500
Importance Code C	$224,600	$2,224,200
Total	**$3,203,600**	**$3,433,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$152,700	$2,200	$122,300	
Total	**$152,700**	**$2,200**	**$122,300**	
Importance Code A	$46,500		$64,700	
Importance Code B	$30,400		$57,600	
Importance Code C	$75,800	$2,200		
Total	**$152,700**	**$2,200**	**$122,300**	

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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		
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+	$25,000	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Adjacent To Joints At Both Abutments								
Spalling, Extent : Light, Area Affected : 15%								
Location : Adjacent To Joints At Both Abutments								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : These Repairs Are Specific To The Concrete Header								
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Masonry	100%	4+	$40,400	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Both Abutments								
Efflorescence, Extent : Moderate, Area Affected : 5%								
Location : Both Abutments								
Joint Motar Miss/Erod, Extent : Moderate, Area Affected : 30%								
Location : Deteriorated Joint Mortar At Both Abutments								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	$63,000	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Both Abutments								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Joint Motar Miss/Erod, Extent : Light, Area Affected : 20%								
Location : Both Abutments								
Misaligned/Bulging, Extent : Light, Area Affected : 20%								
Location : Both Abutments								

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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		
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	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Random Locations Throughout								
Explanation : Vegetation								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pier Protection								
Timber	100%	4+	$373,600	LIFE	* *			
Split/Dry/Cracked, Extent : Light, Area Affected : 50%								
Location : Center Pier								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Center Pier								
Explanation : Timber Fender At Center Pier Only								
Approaches								
Pavement								
Asphalt	75%			2026	$267,700	4	$6,600	
Asphalt	25%	4+	$26,800	2026	$89,200	4	$4,400	
Cracks, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 25%								
Location : Middle Of East Approach								
Explanation : Uneven Surface								
Curbs								
Concrete w/ Steel Face	100%	4+	$10,200	LIFE	* *			
Corrosion, Extent : Moderate, Area Affected : 50%								
Location : At Steel Fencing And Random Locations Throughout								
Embankment								
Earth	100%	4+	$1,200	LIFE	* *			
Erosion, Extent : Light, Area Affected : 5%								
Location : Localized								
Vegetation Growth, Extent : Light, Area Affected : 100%								
Location : Throughout								
Processed Stone	100%	4+	$2,000	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : East Approach South Face And West Approach North Face; Vegetation Growth Scattered Throughout								
Explanation : Misaligned Stones At East Approach South Face And West Approach North Face; Vegetation Growth Scattered Throughout								

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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		
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+	$1,700	2034	* *	4	$3,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Northeast Side								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Out Of Alignment								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Steel	100%	4+	$5,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Northwest Side								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Chain Link Fence								
Timber	10%	Now	$6,200	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 100%								
Location : Southwest								
Timber	90%			LIFE	* *			
Sidewalks								
Concrete	30%	4+	$6,900	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Settlement, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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+	$5,400	2045	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Fourth Footing From The East Abutment								
Explanation : Concrete Spalling								
Masonry	85%			2045	* *			

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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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Piles								
Steel	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Concrete Encased Steel Piles								
Deck Elements								
Curbs								
Steel	100%	4+	$23,400	LIFE	* *			
Corrosion, Extent : Moderate, Area Affected : 30%								
Location : Throughout								
Gratings								
Grating w/ Concrete	100%			2045	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Center 2 Spans								
Explanation : Bridge Swing Spans Has 20 Drainage Openings 2 1/2 Feet x 1 Feet Each On Sides Of Bridge								
Railings/Parapets								
Steel	100%	0-2	$285,600	LIFE	* *	2-8	$24,200	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location :								
Corrosion, Extent : Moderate, Area Affected : 20%								
Location :								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Sides Of Bridge								
Explanation : Chain Link Fence In Front Of Steel Railing								
Sidewalks								
Concrete	90%			2030	$1,278,100	5	$18,200	
Concrete	10%	0-2	$7,100	2030	$142,000	5	$9,100	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Local Area Near Fence								
Explanation : Both Sides Spalled And Cracked								

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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		
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%	4+	$116,700	2026	$389,100	5	$13,400	
Cracks, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Wearing Surface 40 Percent Asphalt								
Concrete	100%	4+	$44,900	2034	* *	5	$58,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Wearing Surface 60 Percent Concrete								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$19,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Not Accessible From Underside								
Grating w/ Concrete	100%			LIFE	* *			
Joints								
Steel	95%			LIFE	* *			
Steel	5%	Now	$31,800	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 100%								
Location : Northwest Side, Split Joint Cover Plate Next To Welding								
Primary Member								
Steel	45%	4+	$1,783,600	LIFE	* *	2-8	$536,500	
Corrosion, Extent : Severe, Area Affected : 20%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Sides, Entire Span								
Explanation : Top Of Girder Is Acting As Barrier, Remaining Part Of Girder Is Not Accessible								
Steel	55%			LIFE	* *	2-8	$536,500	

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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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Secondary Member								
Steel	15%	4+	$205,200	LIFE	* *	2-8	$449,400	
Corrosion, Extent : Severe, Area Affected : 100%								
Location : Adjacent To South Sidewalk								
Steel	85%	4+	$290,600	LIFE	* *	2-8	$449,400	
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Below Deck								
Corrosion, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Below Deck								
Loss of Section, Extent : Moderate, Area Affected : 2%								
Location : Random Locations Below Deck								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Below Deck								
Explanation : Medium To Severe Corrosion On Eyebars And Connections With Broken/ Missing 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.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$2,621,800	$5,816,300
Total	**$2,621,800**	**$5,816,300**
Importance Code A	$1,538,900	$2,125,800
Importance Code B	$707,000	$1,894,100
Importance Code C	$375,800	$1,796,400
Total	**$2,621,800**	**$5,816,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$206,500	$17,100	$383,000	$50,600
Total	**$206,500**	**$17,100**	**$383,000**	**$50,600**
Importance Code A	$61,200		$193,100	
Importance Code B	$66,900		$190,000	
Importance Code C	$78,400	$17,100		$50,600
Total	**$206,500**	**$17,100**	**$383,000**	**$50,600**

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
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER
Asset # : 4317

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	90%			LIFE	* *			
Concrete	10%	4+	$2,000	LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Backwall								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$10,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	90%			LIFE	* *			
Steel	10%	4+	$13,800	LIFE	* *			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	80%			LIFE	* *			
Generic	20%	4+	$8,700	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Joint Filler Depressed								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Stem (breastwall)								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$29,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER
Asset # : 4317

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	85%			LIFE	* *			
Concrete	15%	4+	$70,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 1%								
Location : Southeast Wingwall								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Feature Crossed								
Bank Protection								
Sheet Piling	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Embankments								
Explanation : Timber Rub Rail Is On The Face Of The Sheet Piling								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	80%			2028	$1,400,300	4	$20,900	
Asphalt	20%	2-4	$70,000	2028	$350,100	4	$20,900	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Concrete	85%			2036	* *	4	$80,200	
Concrete	15%	2-4	$39,300	2036	* *	4	$80,200	
Settlement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Curbs								
Concrete w/ Steel Face	90%			LIFE	* *			
Concrete w/ Steel Face	10%	4+	$3,100	LIFE	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : At Surface								
Rust Stains, Extent : Severe, Area Affected : 75%								
Location : At Surface								

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

DEPARTMENT OF TRANSPORTATION - 841
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER
Asset # : 4317

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	95%			LIFE	* *	5	$5,900	
Concrete	5%	4+	$3,200	LIFE	* *	5	$5,900	
Cracks, Extent : Light, Area Affected : 10%								
Location : At Surface								
Steel	95%			LIFE	* *			
Steel	5%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling And Rust Stains								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	90%			LIFE	* *			
Steel	10%	4+	$8,700	LIFE	* *			
Corrosion, Extent : Light, Area Affected : 10%								
Location : At Surface								
Sidewalks								
Concrete	85%			LIFE	* *			
Concrete	15%	4+	$8,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : At Surface								
Settlement, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Concrete	85%			LIFE	* *			
Concrete	15%	4+	$530,600	LIFE	* *			
Delaminations, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : At Surface								
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Steel Wire Mesh Placed At Spalls Areas								

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

DEPARTMENT OF TRANSPORTATION - 841
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER
Asset # : 4317

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Concrete	80%			LIFE	* *			
Concrete	20%	4+	$452,100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : At Surface								
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pedestals								
Concrete	95%			LIFE	* *			
Concrete	5%	4+	$29,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	70%			LIFE	* *			
Concrete w/ Steel Face	30%	4+	$22,300	LIFE	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Rust Stains, Extent : Moderate, Area Affected : 15%								
Location : At Surface								
Median								
Concrete	95%			LIFE	* *	5	$15,100	
Concrete	5%	4+	$8,100	LIFE	* *	5	$15,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : At Surface								
Steel	95%			LIFE	* *	4-8	$122,600	
Steel	5%			LIFE	* *	4-8	$122,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Paint Peeling And Rust Stain								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$86,700	

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
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER
Asset # : 4317

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	70%			2032	* *	5	$34,300	
Concrete	30%	4+	$80,200	2032	* *	5	$17,100	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : At Surface								
Wearing Surface								
Concrete	90%			2036	* *	5	$46,000	
Recent Repair Evident, Extent : Light, Area Affected : 2%								
Location : Northbound Lane								
Concrete	10%	4+	$8,900	2036	* *	5	$23,000	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%	4+	$115,800	LIFE	* *			
Drains Clogged, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 18 Scuppers								
Superstructure								
Deck,Structural								
Concrete	85%			LIFE	* *	5	$77,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underside Of Deck								
Explanation : Stay In Place Forms Throughout The Underside Of The Deck								
Concrete	15%	4+	$143,800	LIFE	* *	5	$77,800	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Stay In Place Form Under Deck								
Explanation : Corrosion And Deformation								
Joints								
Generic	75%			LIFE	* *			
Generic	25%	4+	$28,300	LIFE	* *			
Loose Elements, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Explanation : Joint Filler Depressed And Filled With Debris								

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

DEPARTMENT OF TRANSPORTATION - 841
EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER
Asset # : 4317

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Steel	93%			LIFE	* *	2-8	$1,768,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Bottom Flange								
Explanation : Fatigue Prone Detail, Partial Cover Plate								
Steel	7%	4+	$864,500	LIFE	* *	2-8	$1,768,900	
Corrosion, Extent : Light, Area Affected : 15%								
Location : At Surface								
Secondary Member								
Steel	95%			LIFE	* *	2-8	$1,481,800	
Steel	5%	4+	$254,900	LIFE	* *	2-8	$1,481,800	
Corrosion, Extent : Light, Area Affected : 15%								
Location : At Surface								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure		$315,200
Total		**$315,200**
Importance Code A		$94,500
Importance Code B		$220,700
Total		**$315,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$26,500	$1,900	$32,000	$15,800
Total	**$26,500**	**$1,900**	**$32,000**	**$15,800**
Importance Code A			$9,800	$1,200
Importance Code B			$22,100	
Importance Code C	$26,500	$1,900		$14,600
Total	**$26,500**	**$1,900**	**$32,000**	**$15,800**

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

EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER

Asset # : 2916

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 2%								
Location : Northbound Side								
Explanation : Patching								
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		
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	* *	5		
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$1,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
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		$3,600
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2036	* *	4		$2,400
Masonry	100%			2036	* *	5		
Steel	100%			LIFE	* *	2-8		$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

EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER

Asset # : 2916

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Asphalt	100%			2025		4		
Concrete	90%			2032	* *	5	$3,900	
Concrete	10%	4+	$1,200	2032	* *	5	$1,900	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Concrete	100%			2036	* *	5	$48,200	
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Deck								
Explanation : 3 Scuppers								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$5,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : On Spans 1, 2 And 4 - 8								
Explanation : Not Accessible								
Grating w/ Concrete	100%			LIFE	* *			
Joints								
Steel	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$176,600	
Not Accessible	100%							
Secondary Member								
Steel	100%			LIFE	* *	2-8	$345,300	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure		$376,200
Total		**$376,200**
Importance Code A		$253,500
Importance Code B		$122,700
Total		**$376,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$13,300	$700	$22,000	$15,100
Total	**$13,300**	**$700**	**$22,000**	**$15,100**
Importance Code A	$900		$9,700	$500
Importance Code B			$12,300	
Importance Code C	$12,500	$700		$14,600
Total	**$13,300**	**$700**	**$22,000**	**$15,100**

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		
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	* *	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

EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER

Asset # : 2915

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4		
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
	Other Observation, Extent : Light, Area Affected : 30%							
	Location : Throughout							
	Explanation : With Steel Facing							
Railings/Parapets								
Concrete	100%			2036	* *	4		$1,100
Masonry	100%			2036	* *	5		$1,700
Steel	100%			LIFE	* *	2-8		$3,700
Sidewalks								
Asphalt	100%			2025		4		
Concrete	90%			2032	* *	5		$1,300
Concrete	10%	4+	$1,200	2032	* *	5		$700
	Cracks, Extent : Light, Area Affected : 10%							
	Location : Random Locations Throughout							
Wearing Surface								
Concrete	100%			2036	* *	5		$22,500
	Spalling, Extent : Light, Area Affected : 5%							
	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.*

DEPARTMENT OF TRANSPORTATION - 841

EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER

Asset # : 2915

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$158,500	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 1 And 3								
Explanation : Not Accessible On Spans 1 And 3								
Grating w/ Concrete	100%			LIFE	* *			
Joints								
Steel	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$177,500	
Other Observation, Extent : Light, Area Affected : 30%								
Location : At Spans 1 And 3								
Explanation : Not Accessible								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$192,000	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **18-Oct-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2055802**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$925,300	$2,884,100
Total	**$925,300**	**$2,884,100**
Importance Code A	$223,800	$958,800
Importance Code B	$384,900	$1,176,800
Importance Code C	$316,700	$748,400
Total	**$925,300**	**$2,884,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$87,800		$203,000	
Total	**$87,800**		**$203,000**	
Importance Code A	$27,700		$85,000	
Importance Code B	$22,400		$118,000	
Importance Code C	$37,700			
Total	**$87,800**		**$203,000**	

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

FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER

Asset # : 2560

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	95%			LIFE	* *			
Concrete	5%	4+	$13,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Both Abutments								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE	* *			
Concrete	10%	4+	$5,900	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	* *			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	78%	Now	$252,500	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : East And West Sides								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : East And West Sides								
Explanation : Worn								
Timber	22%			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

FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER

Asset # : 2560

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	95%			2029	$410,200	4	$8,100	
Asphalt	5%	4+	$4,300	2029	$21,600	4	$5,400	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Pavement Consists Of 40 Percent Concrete And 60 Percent Asphalt								
Concrete	100%			2037	* *	4	$30,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Approaches								
Explanation : Pavement Consists Of 40 Percent Concrete And 60 Percent Asphalt								
Embankment								
Generic	100%			LIFE	* *			
Guide Railing								
Concrete	100%			2037	* *	4	$17,200	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2037	* *	4		
Piers								
Cap Beam								
Concrete	90%			LIFE	* *			
Concrete	10%	4+	$132,500	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Scattered Throughout								
Delaminations, Extent : Moderate, Area Affected : 30%								
Location : Scattered Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	90%			LIFE	* *	2-8	$520,900	
Steel	10%	4+	$91,300	LIFE	* *	2-8	$520,900	
Rust Stains, Extent : Moderate, Area Affected : 20%								
Location : Scattered 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

FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER

Asset # : 2560

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Concrete	90%			LIFE	* *			
Concrete	10%	4+	$78,600	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Scattered Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Scattered Throughout								
Steel	90%			LIFE	* *	2-8	$569,900	
Steel	10%	4+	$53,700	LIFE	* *	2-8	$569,900	
Rust Stains, Extent : Light, Area Affected : 15%								
Location :								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Explanation : Exfoliation Of Weathering Steel								
Stem,Solid Pier								
Concrete	97%			LIFE	* *			
Concrete	3%	4+	$8,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : East And West Ends								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2048	* *			
Steel	100%			LIFE	* *	2-8	$60,900	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	100%			2041	* *			
Mono Deck Surface								
Concrete	95%			2048	* *	5	$316,700	
Concrete	5%			2048	* *	5	$316,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : At Both Ends								
Spalling, Extent : Light, Area Affected : 10%								
Location : At Both Ends								
Railings/Parapets								
Concrete	100%			2037	* *	4	$23,400	
Steel	100%			LIFE	* *	2-8	$9,600	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Median								
Explanation : Steel Fence								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Scupper								
Ductile Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	95%			LIFE	* *	5	$57,400	
Concrete	5%	4+	$14,200	LIFE	* *	5	$57,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 4%								
Location : Throughout Structure								
Joints								
Generic	100%	4+	$14,500	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **18-Oct-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2055801**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$875,300	$3,496,600
Total	**$875,300**	**$3,496,600**
Importance Code A	$116,400	$1,193,200
Importance Code B	$430,800	$1,740,000
Importance Code C	$328,100	$563,400
Total	**$875,300**	**$3,496,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$86,700		$288,600	
Total	**$86,700**		**$288,600**	
Importance Code A	$18,800		$106,700	
Importance Code B	$45,300		$174,500	
Importance Code C	$22,700		$7,400	
Total	**$86,700**		**$288,600**	

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

FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER

Asset # : 2665

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Backwall								
Concrete	98%			LIFE	* *			
Concrete	2%	4+	$3,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	95%			LIFE	* *			
Generic	5%	4+	$20,800	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Begin Approach								
Explanation : Missing Cover Plate								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	95%			LIFE	* *			
Concrete	5%	4+	$7,500	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	2%	4+	$9,300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Northwest Face At Begin Abutment								
Vegetation Growth, Extent : Light, Area Affected : 5%								
Location : Northwest Face At End Abutment								
Concrete	98%			LIFE	* *			
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	* *			
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 WEST BOUND NORTHERN BLVD/FLUSHING RIVER

Asset # : 2665

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Timber	85%	Now	$254,000	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 50%								
Location : Both Fender System								
Rotted, Extent : Severe, Area Affected : 50%								
Location : Both Fender System								
Timber	15%			LIFE	* *			
Approaches								
Pavement								
Asphalt	95%			2029	$205,100	4	$4,000	
Asphalt	5%	4+	$6,500	2029	$10,800	4	$2,700	
Cracks, Extent : Light, Area Affected : 20%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 20%								
Location : Throughout								
Concrete	100%			2037	* *	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Approaches								
Explanation : Approaches: 20 Percent Concrete; 80 Percent Asphalt								
Embankment								
Generic	100%			LIFE	* *			
Guide Railing								
Concrete	100%			2037	* *	4	$4,300	
Steel	100%			LIFE	* *	2-8		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2037	* *	4		
Sidewalks								
Concrete	95%			LIFE	* *			
Concrete	5%	4+	$2,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Scattered Throughout								
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		
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%	2-4	$41,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : East Abutment								
Spalling, Extent : Light, Area Affected : 5%								
Location : East Abutment								
Steel	90%			LIFE	* *	2-8	$427,900	
Steel	10%	4+	$75,000	LIFE	* *	2-8	$427,900	
Corrosion, Extent : Moderate, Area Affected : 80%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Random Locations Throughout								
Explanation : Exfoliating Weathering Steel								
Pier,Columns								
Concrete	10%	4+	$82,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Scattered Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Scattered Throughout								
Concrete	90%			LIFE	* *			
Steel	90%			LIFE	* *	2-8	$455,900	
Steel	10%	4+	$43,000	LIFE	* *	2-8	$455,900	
Corrosion, Extent : Light, Area Affected : 15%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Explanation : Weathering								
Stem,Solid Pier								
Concrete	90%			LIFE	* *			
Concrete	10%	4+	$51,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Throughout								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2048	* *			
Steel	100%			LIFE	* *	2-8	$64,100	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	100%			2041	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
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	$11,300	
Mono Deck Surface								
Concrete	90%			2048	* *	5	$347,500	
Concrete	10%	4+	$49,000	2048	* *	5	$173,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Scattered Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : At Both Ends								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$31,000	
Sidewalks								
Concrete	100%			2033	* *	5	$14,900	
Scupper								
Ductile Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	5%	4+	$17,300	LIFE	* *	5	$70,300	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Moderate, Area Affected : 80%								
Location : Random Locations Throughout								
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Random Locations Throughout								
Explanation : Exposed Steel Reinforcement								
Concrete	95%			LIFE	* *	5	$70,300	
Joints								
Generic	60%			LIFE	* *			
Generic	40%	2-4	$105,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : End Abutment And Throughout Structure								
Misaligned/Bulging, Extent : Light, Area Affected : 10%								
Location : Throughout								
Primary Member								
Steel	99%			LIFE	* *	2-8	$611,400	
Steel	1%			LIFE	* *	2-8	$611,400	
Rust Stains, Extent : Light, Area Affected : 100%								
Location : Random Locations Throughout								
Secondary Member								
Steel	95%			LIFE	* *	2-8	$1,113,500	
Steel	5%	4+	$17,000	LIFE	* *	2-8	$1,113,500	
Rust Stains, Extent : Light, Area Affected : 15%								
Location : Scattered 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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **31-Oct-2016**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2231450**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$207,700	$1,736,900
Total	**$207,700**	**$1,736,900**
Importance Code A		$65,200
Importance Code B	$207,700	
Importance Code C		$1,671,600
Total	**$207,700**	**$1,736,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$184,000		$12,800	$25,700
Total	**$184,000**		**$12,800**	**$25,700**
Importance Code A	$65,100		$200	
Importance Code B	$30,800			
Importance Code C	$88,100		$12,700	$25,700
Total	**$184,000**		**$12,800**	**$25,700**

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

GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET

Asset # : 2452

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : Replacement Bridge Under Construction								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	74%	2-4	$30,800	LIFE		* *		
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Original Eastbound Structure. Structure Will Be Replaced Soon.								
Explanation : Joint Is Paved Over								
Generic	26%			LIFE		* *		
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
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)								
Stream Bed	100%			LIFE		* *		
Pier Protection								
Not Accessible	100%							
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

GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET

Asset # : 2452

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	60%	2-4	$10,400	2029	$518,700	4	$10,700	
Cracks, Extent : Light, Area Affected : 15%								
Location : Eastbound Bridge								
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Eastbound Bridge								
Spalling, Extent : Light, Area Affected : 3%								
Location : Eastbound Bridge								
Other Observation, Extent : Light, Area Affected : 8%								
Location : Eastbound Bridge								
Explanation : Raveling Pavement								
Asphalt	40%			2029	$345,800	4	$16,100	
Concrete	100%			2041	* *	4		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Westbound Bridge Is New								
Explanation : New Bridge								
Curbs								
Concrete	100%	2-4	$15,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Eastbound Bridge								
Spalling, Extent : Light, Area Affected : 5%								
Location : Eastbound Bridge								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Concrete	100%	4+	$6,300	2031	* *	4	$5,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Westbound								
Explanation : Westbound Bridge								
Steel	100%	2-4	$3,900	LIFE	* *	2-8	$5,800	
Damaged Railing, Extent : Light, Area Affected : 3%								
Location : Random								
Rust Stains, Extent : Light, Area Affected : 10%								
Location : Various Locations								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Eastbound								
Explanation : Eastbound Bridge								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2037	* *	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

GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET

Asset # : 2452

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Asphalt	100%	4+	$2,900	2029	$58,500	4	$1,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Various Locations - Eastbound								
Settlement, Extent : Light, Area Affected : 10%								
Location : Random Locations - Eastbound								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Eastbound								
Explanation : Eastbound Bridge								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Concrete	26%	4+	$207,700	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random - Eastbound								
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Various Locations								
Explanation : Spalling With Exposed Reinforcement								
Concrete	74%			LIFE	* *			
Not Accessible	100%							
Footings								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	98%			2048	* *			
Concrete	2%	Now	$15,200	2048	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Eastbound Bridge								
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location : Eastbound Bridge								
Spalling, Extent : Light, Area Affected : 15%								
Location : Eastbound Bridge								
Guide Railing								
Steel	90%			LIFE	* *			
Steel	10%	4+	$4,800	LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Various Locations								

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

DEPARTMENT OF TRANSPORTATION - 841

GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET

Asset # : 2452

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Median								
Steel	90%			LIFE	* *	4-8	$31,500	
Steel	10%	4+	$4,700	LIFE	* *	4-8	$31,500	
Rust Stains, Extent : Light, Area Affected : 20%								
Location : Random								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : The Condition Of The Center Through Is Recorded In Superstructure Under Primary Member								
Railings/Parapets								
Concrete	90%			2037	* *	4	$7,100	
Concrete	10%	4+	$12,100	2037	* *	4	$4,700	
Cracks, Extent : Light, Area Affected : 10%								
Location : Eastbound Bridge								
Exposed Reinforcement, Extent : Light, Area Affected : 10%								
Location : Eastbound Bridge								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Eastbound Bridge								
Sidewalks								
Concrete	75%			2033	* *	5	$25,300	
Concrete	25%	Now	$9,900	2033	* *	5	$12,700	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Eastbound Bridge								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Eastbound Bridge								
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Eastbound Bridge								
Wearing Surface								
Asphalt	80%			2029	$598,900	5	$51,500	
Asphalt	20%	2-4	$29,900	2029	$149,700	5	$25,700	
Cracks, Extent : Light, Area Affected : 15%								
Location : Eastbound								
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Eastbound								
Concrete	100%			2041	* *	5		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Eastbound								
Explanation : Eastbound Bridge								
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

GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET

Asset # : 2452

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$53,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Westbound								
Explanation : Westbound Bridge								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Eastbound Bridge								
Explanation : Eastbound Bridge								
Joints								
Generic	75%	0-2	$29,600	LIFE	* *			
Loose Joint Plates, Extent : Moderate, Area Affected : 50%								
Location : Eastbound Bridge								
Generic	25%			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.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$1,373,400	$327,800
Bridge Electrical	$1,327,900	$17,200
Bridge Mechanical	$359,600	$2,075,300
Total	**$3,060,900**	**$2,420,300**
Importance Code A	$1,071,900	
Importance Code B	$1,989,000	$2,092,500
Importance Code C		$327,800
Total	**$3,060,900**	**$2,420,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$37,700		$200	$5,200
Bridge Electrical	$40,100	$11,300		
Bridge Mechanical	$54,100			
Total	**$131,900**	**$11,300**	**$200**	**$5,200**
Importance Code A			$200	
Importance Code B	$94,200	$11,300		
Importance Code C	$37,700			$5,200
Total	**$131,900**	**$11,300**	**$200**	**$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.*

DEPARTMENT OF TRANSPORTATION - 841

GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK

Asset # : 13513

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Granite	100%			LIFE	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Steel	100%	Now	$67,300	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Beginning And End Abutments, North Side Bearings Missing 1 To 2 Anchor Bolts.								
Loose Fastenings, Extent : Severe, Area Affected : 100%								
Location : All 4 Bearings Have Loose Anchor Bolt Nuts.								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : End Abutment South Side								
Explanation : Bridge Side Raised 1.5 Inches Higher Than The South Sidewalk								
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Granite	10%	4+	$134,300	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Beginning And End Abutments								
Explanation : Masonry Pointing Needed								
Masonry: Granite	90%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Beginning And End Abutments								
Explanation : Masonry Pointing Needed								
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	* *			
Riprap	100%	4+	$26,000	LIFE	* *			
Erosion, Extent : Moderate, Area Affected : 15%								
Location : Begin North Side								
Timber	100%			2024				
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

GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK

Asset # : 13513

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Timber	80%			LIFE	* *			
Timber	20%	Now	$167,200	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : Swing Span Pivot Pier								
Split/Dry/Cracked, Extent : Moderate, Area Affected : 25%								
Location : Swing Span Pivot Pier								
Approaches								
Pavement								
Asphalt	100%			2028	$327,800	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+	$11,800	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Begin North And South Sidewalks								
Spalling, Extent : Light, Area Affected : 20%								
Location : Begin North Sidewalk								
Movable Bridges								
Swing Span Truss								
Steel	10%	4+	$251,200	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Swing Spans 1 And 2								
Explanation : Structural Steel Exhibits Section Loss And Corrosion In Localized Areas.								
Steel	20%	0-2	$753,500	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Swing Spans 1 And 2								
Explanation : Section Loss And Corrosion On Primary And Secondary Members. Sidewalks Severely Deteriorated.								
Steel	70%			LIFE	* *			
Swing Span Pivot Pier								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Swing Span Pivot Pier								
Explanation : Masonry Pointing Needed								

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%			2021	$12,300			

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

GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK

Asset # : 13513

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	* *			
Disconnect Switch								
Generic	100%			2022	$11,300			
Limit Switch								
Rotary	100%			2021				
Generic	100%	2-4	$20,900	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Brake Limit Switches								
Explanation : Brake Limit Switch Covers Corroded And Leaving Interior Components Exposed								
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%			2022	$202,100			
Raceway								
Submarine Control Cables								
Generic	100%			2021	$336,900			
Wiring								
Generic	100%			2021	$532,400			
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	$43,300	2021	$144,300			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : East Approach, North Stoplight Missing								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Flashers Mounted On Structure								
Explanation : Gongs Inoperative On Vehicular Gates								
Lighting								
Lighting Devices								
Generic	80%	Now	$6,900	2021	$68,800			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Roadway Lighting								
Explanation : One Fixture Inoperative								
Generic	20%			2029	$17,200			

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								
Center Latch								
Generic	100%	Now	$11,400	2027	$114,300			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Center Latch								
Explanation : Components Are Corroded And Need Manual Assistance For Operation.								
Center Pivot								
Generic	100%			2027	$1,159,900			

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

GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK

Asset # : 13513

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								
End Lift								
Generic	100%	Now	$75,100	2027	$250,500			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : End Lifts								
Explanation : Roller Assemblies And Cranks Are In Differing Positions. Brakes Require Repair.								
Houses								
Access Ways	100%	Now	$30,600	2039	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Center Pivot Pier And End Lift Accessways								
Explanation : Some Center Pivot Deck Boards Need To Be Repaired. Grating At End Lifts Is Severely Corroded.								
Control House	100%	Now	$83,500	2064	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Control And Bridge House								
Explanation : The Bridge House Is At The End Of Its Useful Life. The Bridge House And Control House Require Repairs.								
Main Drive System								
Generic	100%	Now	$46,300	2027	$462,600			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Operating Machinery								
Explanation : Some Oil Leakage. Brakes Are Not Functioning, Repairs Needed.								
Rack								
Generic	100%			LIFE	* *			
Structural Bearings								
Generic	100%	Now	$5,500	2021	$110,700			
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Raceways, Roller Nest And Bases								
Explanation : Components Are Nearing The End Of Their Useful Life. Some Broken Anchor Bolts.								
Traffic Devices								
Barrier Gate	100%	Now	$6,600	2033	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Barrier Gates								
Explanation : Gates Do Not Lock In Roadway In Closed Position. Some Missing Hardware.								
Warning Gate	100%	Now	$44,000	2027	$88,100			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Warning Gates								
Explanation : Some Missing Gate Arms. Gates Are Nearing The End Of Their Useful 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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **06-Feb-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2240370**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$311,200	$1,912,600
Bridge Electrical	$87,500	$1,264,300
Bridge Mechanical	$3,077,800	
Total	**$3,476,500**	**$3,176,900**
Importance Code A		$923,800
Importance Code B	$3,307,300	$2,083,800
Importance Code C	$169,200	$169,200
Total	**$3,476,500**	**$3,176,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$27,500	$3,600	$166,500	$32,300
Bridge Electrical	$37,600	$10,100	$10,100	$6,600
Bridge Mechanical	$103,900		$71,800	
Total	**$168,900**	**$13,600**	**$248,400**	**$39,000**
Importance Code A			$84,300	
Importance Code B	$159,700	$10,100	$164,100	$6,600
Importance Code C	$9,200	$3,600		$32,300
Total	**$168,900**	**$13,600**	**$248,400**	**$39,000**

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
GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Asset # : 2500

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	50%	4+	$12,200	LIFE	* *			
Leakage, Extent : Moderate, Area Affected : 10%								
Location : Beginning Abutment								
Generic	50%	Now	$6,100	LIFE	* *			
Joints Missing, Extent : Severe, Area Affected : 5%								
Location : End Abutment								
Leakage, Extent : Severe, Area Affected : 5%								
Location : End Abutment								
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	* *			
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Approximately 40 Feet To The North Side Of The Bridge								
Explanation : Steel Bulkhead Damaged For 25 Feet.								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE	* *			
Rotted, Extent : Light, Area Affected : 1%								
Location : Starting On The Tops Of Dolphin Piles At Bascule Piers 5 And 6								
Split/Dry/Cracked, Extent : Light, Area Affected : 1%								
Location : Random Locations On Bascule Piers 5 And 6								
Approaches								

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DEPARTMENT OF TRANSPORTATION - 841
GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Asset # : 2500

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2034	* *	4	$10,700	
Settlement, Extent : Light, Area Affected : 2%								
Location : Beginning And End Approaches								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Beginning And End Approaches								
Explanation : Asphalt Recently Repaved.								
Concrete	100%			2044	* *	4	$26,100	
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 30%								
Location : Both Sides Of The Beginning And End Approaches								
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								
Multi-Rotational Bearing	100%			2069	* *			
Loose Fastenings, Extent : Moderate, Area Affected : 10%								
Location : Pier 10 At 3 Locations								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%	2-4	$142,000	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Pier 3 At Stringer 1 And Stringer 10								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Pier 3 At Stringer 11								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 30%								
Location : Spans 1 Through 5 And 7 Through 12								

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DEPARTMENT OF TRANSPORTATION - 841

GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK

Asset # : 2500

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$58,600	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Spans 1 Through 5 And 7 Through 12								
Explanation : Spans With Railings.								
Sidewalks								
Concrete	100%			2039	* *	5	$38,600	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 Through 5 And 7 Through 12								
Explanation : Only Spans 1 Through 5 And 7 Through 12								
Wearing Surface								
Concrete	100%			2044	* *	5	$338,400	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$85,100	
Cracks, Extent : Light, Area Affected : 15%								
Location : Spans 11								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Spans 7, 8, 9 And 10								
Explanation : Stay In Place Forms Are Corroded.								
Joints								
Generic	100%	Now	$9,200	LIFE	* *			
Leakage, Extent : Moderate, Area Affected : 2%								
Location : Piers 3, 7 And 10								
Missing/Damaged Seal, Extent : Severe, Area Affected : 10%								
Location : Piers 3, 7 And 10 Armored Joint At Right (South) Sidewalk								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Spans 3, 4, 7 And 10								
Explanation : Joints Filled With Dirt.								
Primary Member								
Steel	100%			LIFE	* *	2-8	$1,530,700	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$1,282,300	
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Bascule Span 6								
Explanation : Sidewalk And Roadway Wearing Surface Is New								
Bascule Span Pier								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Bascule Span Piers 5 And 6								
Explanation : Base Of Trunnion Tower Columns Exhibit Corrosion,								

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DEPARTMENT OF TRANSPORTATION - 841
GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Asset # : 2500

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%	Now	$15,400	2029	$15,400			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Entire Bridge								
Explanation : Intercom Not Functioning								
Telephone								
Desk Top	100%			2028				
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	$48,900	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 5%								
Location : Knob On Power Feeder Selector Broken								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Control Desk								
Explanation : Position Indicator Not Working								
Control Devices								
Relay	100%	Now	$7,900	2034	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Motor Drives								
Explanation : Meters Show Current Surge During Operation Of Drives								
Disconnect Switch								
Non Fused	100%			2042	* *	1	$35,900	
Limit Switch								
Generic	100%			2042	* *			
Local Starter								
Magnetic	100%			2042	* *			
Drive								
Machinery Brake								
Thruster	100%			2055	* *	1	$1,100	
Motor Brake								
Thruster	100%			2049	* *	1	$1,100	
Span Lock Motor								
Generic	100%			2049	* *	1	$1,100	
Electrical Power								
MCC								
Contactors	100%			2042	* *			
Panelboard								
Circuit Breaker	100%			2046	* *	1	$6,700	
Service Equipment								
Not Accessible	100%							
Transfer Switch								
Not Accessible	100%							
Transformer								
Dry	100%			2042	* *			
Ground/Lightning Protection								
Ground Rod								
Not Accessible	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		
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%			2023	$3,500	1	$5,600	
HID	100%			2027	$3,500			
Incandescent	100%			2022	$3,500			
Wiring Device								
Generic	100%			2034	* *			
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2024				
Span Lighting								
Incandescent	100%			2024		1	$2,300	
Raceway								
Box								
Pull Junction	100%			2029		1	$6,700	
Terminal	100%			2034	* *	1	$2,300	
Communications								
Twisted Shielded pair	100%			2028				
Conduit								
Metal	100%			2057	* *			
Submarine Control Cables								
Generic	100%			2030	$1,192,700			
Submarine Power Cable								
Generic	100%			2030				
Trough								
Metal	100%			2064	* *	1	$1,100	
Wires								
Thermoplastic	100%			2034	* *			
Span Lock								
Motor								
Squirrel Cage	100%			2032	* *			
Stand-by Power								
Transfer Switch								
Not Accessible	100%							
Traffic System Electrical								
Traffic Gate Lighting								
Incandescent	100%			2024		1	$1,100	
Traffic Gong								
Generic	100%			2024		1	$600	
Traffic Signal								
Generic	100%			2027		1	$600	
Lighting								

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DEPARTMENT OF TRANSPORTATION - 841
GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK
Asset # : 2500

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Lighting Devices								
Generic	30%			2030	$33,100			
Generic	35%	0-2	$3,900	2023	$38,600			
Broken/Missing Elements, Extent : Moderate, Area Affected : 10%								
Location : Northeast And Southeast Roadway HID Lights Inoperative								
Generic	35%	Now	$3,900	2030	$38,600			
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Spot Lighting At Areaways								

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
Bascule								
Counter Weight								
Generic	100%			2057	* *	2	$89,800	
Houses								
Access Ways	100%	Now	$26,400	2032	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Throughout All Areas								
Explanation : Some Grating, Door, And Hatch Repair Necessary. Platform Missing At Northwest And Northeast Pocket Access.								
Control House	100%	Now	$59,600	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Control House								
Explanation : The Roof, Some Doors And Windows Need Repair. Some Floor Panels Need Repair. Water And Heater Leaks.								
Machinery Room	100%	Now	$54,900	2057	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Machinery Rooms								
Explanation : Machinery Rooms Are Corroded. Some Panels, Doors, Hatches And Locks Need Repair.								
Lock Bars								
With Motor	100%	Now	$340,800	2038	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Lock Bars								
Explanation : Clearances Need To Be Reduced. Oil Leakage And Components Are Corroding. Dry Rubbing Noise. Repairs Needed.								
Main Drive System								
Generic	100%	Now	$1,521,200	2057	* *	2	$215,500	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Operating Machinery								
Explanation : Lube Leakage, Corrosion, Coupling Gaskets Deteriorating. Noise From Reducers Should Be Monitored. One Brake Out.								

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DEPARTMENT OF TRANSPORTATION - 841

GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK

Asset # : 2500

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Rack								
Generic	100%	Now	$30,600	2057	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Racks								
Explanation : Some Build Up Of Debris On Supports And Fasteners.								
Structural Bearings								
Generic	100%	Now	$2,400	2038	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Live Load Bearings								
Explanation : Bearings Need To Be Adjusted In Conjunction With Locks.								
Traffic Devices								
Barrier Gate	100%	Now	$85,200	2032	* *			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Barrier Gates								
Explanation : Vehicle Restraint System Requires Repair. Broken/ Missing Hardware And Locks On Some Gates.								
Warning Gate	100%	Now	$26,400	2032	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Warning Gates								
Explanation : Disconnected Guy Wire On One Gate. Missing Locks.								
Trunnion								
Generic	100%	Now	$1,016,200	2057	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Trunnion Assemblies								
Explanation : Corrosion. Slight Squeak On West For A Few Degrees Of Operation. Most Likely Small Dry Spot Of Grease.								

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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **08-Apr-2019**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2240232**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$1,572,900	$2,857,100
Total	**$1,572,900**	**$2,857,100**
Importance Code A	$152,200	$152,200
Importance Code B	$854,700	
Importance Code C	$565,900	$2,704,900
Total	**$1,572,900**	**$2,857,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$56,700	$29,000	$13,700	
Bridge Electrical	$19,900	$6,600	$6,600	$6,600
Bridge Mechanical	$137,900		$71,800	
Total	**$214,500**	**$35,600**	**$92,100**	**$6,600**
Importance Code A	$49,600		$8,500	
Importance Code B	$164,900	$6,600	$78,800	$6,600
Importance Code C		$29,000	$4,800	
Total	**$214,500**	**$35,600**	**$92,100**	**$6,600**

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Backwall								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : End Abutment Only								
Explanation : Backwall								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : End Abutment Only								
Explanation : Bearings not accessible								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	$540,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : End Abutment								
Masonry: Granite	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Begin Abutment								
Explanation : Begin Abutment								
Walls								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 3								
Explanation : Walls Enclose Span 3								
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%			2030	$1,258,200			
Timber	50%	Now	$377,500	2030	$1,258,200			
Broken/Missing Elements, Extent : Severe, Area Affected : 30%								
Location : Begin Abutment Right Side.								
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		
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	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1 And 2.								
Explanation : Piers 1 And 2.								
Approaches								
Pavement								
Asphalt	100%			2034	* *	4	$87,000	
Concrete	100%			2043	* *	4		
Curbs								
Steel	100%			LIFE	* *			
Guide Railing								
Steel	100%			LIFE	* *	2-8	$41,800	
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8		
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$18,200	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 2								
Explanation : Steel Columns Support Bascule Girders.								
Stem,Solid Pier								
Concrete	100%	4+	$314,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 50%								
Location : Concrete Pier Wall, Cracking Surrounding The Windows And Girder Openings.								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$11,500	
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%			2056	* *			
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$13,800	

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%			2038	* *	5	$9,600	
Wearing Surface								
Asphalt	100%			2034	* *	5	$139,200	
Concrete	100%			2043	* *	5	$156,900	
Steel Grating	100%			LIFE	* *	5	$80,700	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Span 2							
	Explanation : Steel Grating In Bascule Span.							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$79,200	
Steel Grating	100%			LIFE	* *	5	$80,700	
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Span 2							
	Explanation : Steel Grating In Bascule Span.							
Joints								
Steel	100%			LIFE	* *			
Primary Member								
Concrete	100%			LIFE	* *	5		
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Span 1							
	Explanation : Concrete Ribbed Arches.							
Steel	100%			LIFE	* *	2-8	$231,300	
Secondary Member								
Concrete	100%			LIFE	* *	5		
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	* *			
Bascule Span Pier								
Concrete	100%			LIFE	* *			

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%			2030	$19,300			
Telephone								
Desk Top	100%			2030	$300			
Jack								
Telephone	100%			2030	$200			
Control System Electrical								
Computer								
PLC	100%			2030	$26,400			

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	* *			
Control Devices								
Relay	100%			2050	* *			
Disconnect Switch								
Non Fused	100%			2050	* *	1	$35,900	
Limit Switch								
Rotary	100%			2030				
Local Starter								
Magnetic	100%			2050	* *			
Drive								
Grating Motor								
Generic	100%			2060	* *			
Machinery Brake								
Thruster	100%			2060	* *	1	$1,100	
Motor Brake								
Thruster	100%			2060	* *	1	$1,100	
Span Lock Motor								
Generic	100%			2060	* *	1	$600	
Electrical Power								
Panelboard								
Circuit Breaker	100%			2050	* *	1	$6,700	
Service Equipment								
Circuit Breaker	100%			2050	* *			
Transfer Switch								
Auto	100%			2050	* *			
Exterior Lighting								
Spot Lighting								
Generic	100%			2030	$21,800			
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2035	* *			
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2035	* *			
Navigation Lighting								
Pier Lighting								
Incandescent	100%			2030	$6,300	1	$4,500	
Span Lighting								
Incandescent	100%	Now	$2,400	2030	$11,900	1	$2,000	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Bascule Span Lights								
Explanation : Red Lights Not Working								
Raceway								
Box								
Pull Junction	100%			2040	* *	1	$4,500	

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
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Raceway								
Conduit								
Metal	100%			2070	* *			
Submarine Control Cables								
Control	100%			2035	* *			
Submarine Power Cable								
Power	100%			2035	* *			
Trough								
Metal	100%			2070	* *	1	$1,100	
Wires								
Thermoplastic	100%			2050	* *			
Span Lock								
Motor								
Squirrel Cage	100%			2045	* *			
Stand-by Power								
Generator								
Diesel	100%			2050	* *	1	$4,500	
Transfer Switch								
Auto	100%			2050	* *			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2030	$15,400	1	$1,100	
Traffic Gate Lighting								
Incandescent	100%	Now	$300	2030	$15,400	1	$1,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Se Warning Gate								
Explanation : Flashing Light Out								
Traffic Gong								
Generic	100%			2030	$16,200	1	$600	
Traffic Sign								
Fixed	100%			2030				
Traffic Signal								
Generic	100%			2030	$2,800	1	$600	
Lighting								
Lighting Devices								
Generic	100%	Now	$11,000	2035	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Various Locations								
Explanation : Exit Lighting Did Not Function When Tested With Button On Unit.								

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
Bascule								

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Counter Weight								
Generic	100%	Now	$11,400	2065	* *	2	$35,900	
Other Observation, Extent : Severe, Area Affected : 1%								
Location : Counterweight								
Explanation : Extra Material On Top Of Counterweight.								
Emergency Drive								
Emergency Power	100%	Now	$7,400	2065	* *	2	$71,800	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Hydraulic Power Unit 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%			2047	* *			
Houses								
Access Ways	100%	Now	$2,200	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 3%								
Location : Access Ways, Sump Pump Room And Counterweight Pits								
Explanation : Sump Pump Stairs Needs Some Repairs. Loose Hardware And Chains. Missing Grates.								
Control House	100%	Now	$26,700	2065	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Control House								
Explanation : Leaky Windows And Doors, Permanent Shades Required. Alarms Require Repairs.								
Machinery Room	100%	Now	$4,600	2065	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Machine Room								
Explanation : Some Water Leakage Into Room.								
Lock Bars								
With Motor	60%	Now	$22,700	2043	* *	2	$35,900	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : East Lock Bars								
Explanation : Some Coverage Of Debris. Missing Single And/or Double Nuts. Brake Release Pulled. Minor Adjustments Required.								
With Motor	40%			2043	* *	2	$44,900	
Main Drive System								
Generic	100%	Now	$20,400	2065	* *	2	$107,800	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : East Machine Room								
Explanation : Breathers Will Need To Be Changed Soon. Some Minor Leaks And Machinery Covers Removed. Monitor Noise.								
Rack								
Generic	100%	0-2	$1,500	2065	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Racks And Pinion Assemblies.								
Explanation : Some Surface Corrosion And Debris Buildup On Interior Of Rack And Support.								

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF
Asset # : 13434

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Structural Bearings								
Generic	100%	Now	$5,700	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Counter weight Pit								
Explanation : Bumper Block Wood Is Splitting. Some Live Load And Center Guide Bolts Covered In Debris.								
Traffic Devices								
Barrier Gate	100%	Now	$19,100	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Barrier Gates								
Explanation : Some Doors And Hardware Damaged. Some Repairs Required.								
Warning Gate	100%	Now	$1,900	2043	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Warming Gates								
Explanation : Some Minor Repairs Required.								
Trunnion								
Generic	15%	Now	$5,100	2065	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Trunnions								
Explanation : Some Debris And Light Corrosion.								
Generic	85%			2065	* *			

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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **08-Apr-2019**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2240231**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$1,523,300	$1,054,000
Bridge Electrical		$183,100
Bridge Mechanical	$108,400	
Total	**$1,631,700**	**$1,237,100**
Importance Code A	$544,000	$507,600
Importance Code B	$850,700	$610,700
Importance Code C	$237,000	$118,800
Total	**$1,631,700**	**$1,237,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$265,700	$29,000	$92,200	$7,700
Bridge Electrical	$25,100	$6,600	$6,600	$6,600
Bridge Mechanical	$195,000		$98,800	
Total	**$485,900**	**$35,600**	**$197,600**	**$14,300**
Importance Code A	$168,200		$44,200	
Importance Code B	$305,100	$6,600	$148,600	$6,600
Importance Code C	$12,600	$29,000	$4,800	$7,700
Total	**$485,900**	**$35,600**	**$197,600**	**$14,300**

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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	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : End Abutment								
Explanation : Concrete Bridge Seat.								
Backwall								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : End Abutment								
Explanation : End Abutment								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : End Abutment Only.								
Explanation : Bearings Not Accessible								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Masonry: Granite	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Begin Abutment								
Explanation : Begin Abutment								
Walls								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 3								
Explanation : Walls Enclose Span 3								
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		
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+	$118,200	LIFE	* *			
Erosion, Extent : Light, Area Affected : 15%								
Location : Begin Abutment Left Side								
Sheet Piling	100%			LIFE	* *			
Timber	90%			2035	* *			
Timber	10%	Now	$12,600	2035	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 15%								
Location : End Abutment Left Side								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1 And 2.								
Explanation : Piers 1 And 2.								
Approaches								
Pavement								
Asphalt	100%			2034	* *	4	$87,000	
Concrete	100%			2043	* *	4		
Curbs								
Steel	100%			LIFE	* *			
Guide Railing								
Steel	100%			LIFE	* *	2-8	$41,800	
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8		
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$18,200	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 2								
Explanation : Steel Columns For Bascule Span.								
Stem,Solid Pier								
Concrete	100%	4+	$314,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 50%								
Location : Pier Wall End Face Cracking Surrounding Windows And Girder Openings.								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$11,500	
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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1 And 2.								
Explanation : Concrete Pedestals For Span 2 At Pier 1 Bearings And For Span 3 At Pier 2 Bearings.								
Deck Elements								
Curbs								
Steel	100%			LIFE	* *			
Guide Railing								
Steel	100%			LIFE	* *			
Median								
Cobblestone	100%			2056	* *			
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$13,800	
Sidewalks								
Concrete	100%			2038	* *	5	$9,600	
Wearing Surface								
Asphalt	100%			2034	* *	5	$15,500	
Concrete	100%			2043	* *	5	$156,900	
Steel Grating	100%			LIFE	* *	5	$80,700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 2								
Explanation : Steel Grating In Bascule Span.								
Superstructure								
Deck,Structural								
Concrete	100%	4+	$76,100	LIFE	* *	5	$39,600	
Spalling, Extent : Moderate, Area Affected : 1%								
Location : Span 1 Bay 6, 5sf X Up To 1.5 Inches Deep W/ Ecr.								
Steel Grating	100%			LIFE	* *	5	$80,700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 2								
Explanation : Steel Grating In Bascule Span.								
Joints								
Steel	100%			LIFE	* *			
Primary Member								
Concrete	100%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 1								
Explanation : Concrete Ribbed Arch.								
Steel	100%			LIFE	* *	2-8	$1,368,800	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$1,174,400	
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	* *			

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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
Movable Bridges								
Bascule Span Pier								
Concrete	100%			LIFE	* *			

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%			2030	$36,900			
Control System Electrical								
Computer								
PLC	100%			2030	$26,400			
Control Console								
Stainless Steel	100%			LIFE	* *			
Control Devices								
Relay	100%			2050	* *			
Disconnect Switch								
Non Fused	100%			2050	* *	1	$35,900	
Limit Switch								
Rotary	100%			2030				
Local Starter								
Magnetic	100%			2050	* *			
Drive								
Grating Motor								
Generic	100%			2060	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Machine Room								
Explanation : Grating Motor Description Used For Main Motor								
Machinery Brake								
Thruster	100%			2060	* *	1	$1,100	
Motor Brake								
Thruster	100%			2060	* *	1	$1,100	
Span Lock Motor								
Generic	100%			2060	* *	1	$600	
Electrical Power								
Panelboard								
Circuit Breaker	100%			2050	* *	1	$6,700	
Service Equipment								
Circuit Breaker	100%			2050	* *			
Transfer Switch								
Auto	100%			2050	* *			
Exterior Lighting								
Spot Lighting								
Generic	100%			2030				
Ground/Lightning Protection								

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF
Asset # : 4217

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2035	* *			
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2035	* *			
Navigation Lighting								
Pier Lighting								
Incandescent	100%	Now	$300	2030	$6,300	1	$4,000	
Other Observation, Extent : Light, Area Affected : 10%								
Location : North Pier								
Explanation : Center Pier Light Out								
Span Lighting								
Incandescent	100%	Now	$2,400	2030	$11,900	1	$2,000	
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : East And West Bascule Lights								
Explanation : Red Lights Not Working								
Raceway								
Box								
Pull Junction	100%			2040	* *	1	$4,500	
Conduit								
Metal	100%			2070	* *			
Submarine Control Cables								
Control	100%			2035	* *			
Submarine Power Cable								
Power	100%			2035	* *			
Trough								
Metal	100%			2070	* *	1	$1,100	
Wires								
Thermoplastic	100%			2050	* *			
Span Lock								
Motor								
Squirrel Cage	100%			2045	* *			
Stand-by Power								
Generator								
Diesel	100%			2050	* *	1	$4,500	
Transfer Switch								
Auto	100%			2050	* *			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2030		1	$1,100	
Traffic Gate Lighting								
Incandescent	100%			2030		1	$1,100	
Traffic Gong								
Generic	100%			2030		1	$600	
Traffic Sign								
Fixed	100%			2030				

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF
Asset # : 4217

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Traffic System Electrical								
Traffic Signal								
Generic	100%			2030	$146,300	1	$600	
Lighting								
Lighting Devices								
Generic	50%	Now	$5,500	2035	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Various Locations								
Explanation : Bridge Service Lighting Has Some Fixtures That Are Not Working.								
Generic	50%	Now	$11,000	2035	* *			
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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Counter Weight								
Generic	100%			2065	* *	2	$44,900	
Emergency Drive								
Emergency Power	100%	Now	$21,200	2065	* *	2	$71,800	
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Hydraulic Power Unit 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%			2047	* *			
Houses								
Access Ways	100%	Now	$11,400	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 3%								
Location : Access Ways, Sump Pump Room And Counter Weight Pits								
Explanation : Sump Pump Stairs Needs Some Repairs. Loose Hardware And Chains. Missing Grates.								
Control House	100%	Now	$28,900	2065	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Control House								
Explanation : Leaky Windows And Doors. Permanent Shades Required. Alarms Require Repairs.								
Machinery Room	100%	Now	$9,200	2065	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Machine Room								
Explanation : Some Water Leakage Into Room.								

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DEPARTMENT OF TRANSPORTATION - 841
HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF
Asset # : 4217

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Lock Bars								
With Motor	65%	0-2	$17,400	2043	* *	2	$35,900	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : West Locks								
Explanation : Some Coverage Of Debris And Corrosion. Missing Single And/or Double Nuts. Minor Adjustment Required.								
With Motor	35%			2043	* *	2	$44,900	
Main Drive System								
Generic	30%	Now	$21,300	2065	* *	2	$107,800	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : West Machine Room								
Explanation : Breathers Will Need To Be Changed Soon. Some Minor Leaks And Machinery Covers Removed. Monitor Noise.								
Generic	70%			2065	* *	2	$134,700	
Rack								
Generic	100%	0-2	$11,200	2065	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Rack And Pinion Assemblies								
Explanation : Some Surface Corrosion And Debris Buildup On Interior Of Rack And Support.								
Structural Bearings								
Generic	75%	Now	$9,100	2045	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Counter weight Pit And Bascule Span								
Explanation : Bumper Block Wood Is Splitting. Some Live Load Bearings And Centring Guide Bolts Covered In Debris.								
Generic	25%			2043	* *			
Traffic Devices								
Barrier Gate	60%	Now	$108,400	2043	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Barrier Gates								
Explanation : Oncoming Gate Has Crack In Arm Weld. Off Going Gate Has Damaged Gate Housing And Guy Wires Need Repair.								
Barrier Gate	40%			2043	* *			
Warning Gate	100%	Now	$5,300	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Warning Gates								
Explanation : Some Repairs Required.								
Trunnion								
Generic	35%	Now	$15,000	2065	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : West Trunnions								
Explanation : Missing Or Broken Grease Fittings. Some Coverage Of Debris And Minor Corrosion.								
Generic	65%			2065	* *			

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **22-Apr-2019**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2240450**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$888,400	$353,700
Bridge Electrical	$132,600	$217,900
Bridge Mechanical	$230,100	
Total	**$1,251,100**	**$571,600**
Importance Code A	$239,500	$239,500
Importance Code B	$1,011,700	$332,100
Total	**$1,251,100**	**$571,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$74,800		$23,700	$33,100
Bridge Electrical	$12,600			
Bridge Mechanical	$84,900			
Total	**$172,400**		**$23,700**	**$33,100**
Importance Code A	$41,800		$11,900	
Importance Code B	$118,400		$11,500	
Importance Code C	$12,200		$300	$33,100
Total	**$172,400**		**$23,700**	**$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

HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS

Asset # : 13712

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Begin And End Abutment								
Explanation : Debris On Bridge Seat.								
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Begin And End Abutment.								
Explanation : Debris On Bearings.								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	Now	$116,700	LIFE	* *			
Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%								
Location : Begin And End Abutment								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Begin And End Abutment								
Explanation : Joint Sealer Cracked And Allows Water And Debris On Bridge Seat.								
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	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : All 4 Wingwalls								
Explanation : Efflorescence Located On The Wingwalls								
Feature Crossed								
Bank Protection								
Riprap	100%	4+	$600	LIFE	* *			
Erosion, Extent : Moderate, Area Affected : 15%								
Location : Begin Abut. Left Side Embankment.								
Mat (scour & erosion)								
Stream Bed	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

HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS

Asset # : 13712

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Timber	100%	4+	$418,000	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Pier 1 And Bascule Pier 2								
Rotted, Extent : Light, Area Affected : 20%								
Location : Both Piers								
Approaches								
Pavement								
Concrete	100%			2039	* *	4	$600	
Spalling, Extent : Light, Area Affected : 5%								
Location : End Approach								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$600	LIFE	* *			
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Both Approaches								
Piers								
Stem,Solid Pier								
Masonry	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 1								
Explanation : Pier 1 Is In Good Condition.								
Brngs,Ancr Blts,Pads								
Steel	5%	Now	$100	LIFE	* *	2-8	$900	
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Pier 1 Span 2 Side Right Bearing								
Explanation : Right Bearing At Pier 1 Is Bouncing Under Live Load.								
Steel	95%			LIFE	* *	2-8	$1,500	
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	* *			
Misaligned/Bulging, Extent : Light, Area Affected : 1%								
Location : Span 3, Left (North) Curb At Pier 3.								
Railings/Parapets								
Steel	100%	4+	$3,000	LIFE	* *	2-8	$9,600	
Broken/Missing Elements, Extent : Light, Area Affected : 1%								
Location : Spans 2 And 3, Left (North) Railing, Missing 6 Bolts At Splice Locations And 1 Bolt At Pier 3								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%			2035	* *	5	$6,400	
Cracking/Crumbling, Extent : Light, Area Affected : 1%								
Location : Both Sidewalks								
Wearing Surface								
Concrete	90%			2039	* *	5	$66,200	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 3 And 4								
Explanation : Concrete Wearing Surface In Spans 1, 3 And 4.								
Concrete	10%	4+	$10,000	2039	* *	5	$33,100	
Cracks, Extent : Light, Area Affected : 25%								
Location : Spans 1, 4								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$250,400	
Exposed Reinforcement, Extent : Light, Area Affected : 1%								
Location : Span 3								
Spalling, Extent : Light, Area Affected : 1%								
Location : Span 3								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 3 And 4								
Explanation : Located In Spans 1, 3, And 4								
Joints								
Generic	100%	4+	$1,100	LIFE	* *			
Joints Missing, Extent : Moderate, Area Affected : 50%								
Location : All Spans								
Leakage, Extent : Moderate, Area Affected : 50%								
Location : All Spans								
Primary Member								
Steel	100%			LIFE	* *	2-8	$365,800	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Spans 1, 3 And 4								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 3 And 4								
Explanation : Located In Spans 1, 3 And 4.								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$313,800	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Spans 1, 3 And 4								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 3 And 4								
Explanation : Located In Spans 1, 3 And 4.								
Movable Bridges								

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

DEPARTMENT OF TRANSPORTATION - 841

HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS

Asset # : 13712

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Spans 1, 3 And 4								
Explanation : Minor Corrosion.								
Bascule Span Pier								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Piers 2 And 3								
Explanation : Fine Vertical Cracks								

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	$3,700	2028	$36,900			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Telephone								
Explanation : Telephone In Control Room Needs Repair.								
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	$1,900	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Indication Lights D Meters								
Explanation : The Indication Lights Need Replacement/ Relamping.								
Disconnect Switch								
Generic	100%			2050	* *			
Limit Switch								
Generic	100%			2050	* *			
Electrical Power								
Transfer Switch								
Auto	100%	4+	$1,900	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Circuit Breaker Transfer								
Explanation : Circuit Breaker Transfer Switch Making Noise When Turned Off								
Transformer								
Dry	100%			2050	* *			
Heating								
Generic	100%			2050	* *			
Dist Equip & Motor Controll								
Generic	100%	Now	$95,500	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Electrical Room Drive Cabinet								
Explanation : Seondary Motor Drive System Ot Functioning.								
Raceway								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Raceway								
Submarine Control Cables								
Generic	100%			2034	* *			
Wiring								
Generic	100%			2035	* *			
Stand-by Power								
Generator								
Natural Gas	100%	Now	$37,100	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location :								
Explanation : Generator Is Inoperable								
Traffic System Electrical								
Traffic Signal								
Generic	100%			2029	$181,000			
Lighting								
Lighting Devices								
Generic	100%	Now	$5,100	2035	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Navigation Lighting								
Explanation : Several Navigational Lights Need Relamping.								

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
Bascule								
Counter Weight								
Generic	100%			2058	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Counter Weight.								
Explanation : Minor Paint Failure.								
Emergency Drive								
Emergency Power	100%	Now	$22,500	2045	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Control House And Machine Room								
Explanation : Emergency Operation Not Tested. Reported Not Run In 3 Years. System Should Be Tested Periodically.								
Houses								
Access Ways	100%			2039	* *			
Control House	100%	Now	$109,000	2058	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Control House								
Explanation : House Plumbing Needs Repair.								
Machinery Room	100%	Now	$1,900	2065	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Machine Room								
Explanation : Minnor Leakage.								

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

HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS

Asset # : 13712

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Lock Bars								
With Motor	50%	Now	$26,800	2039	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Toe Locks								
Explanation : No Operation Observed. Some Corrosion. Some Movement Observed May Require Adjustment With Live Load Bearings.								
With Motor	50%	Now	$13,400	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Tail Locks								
Explanation : No Operation Observed. Some Corrosion. Note Part Of Assembly Is Under Water When Pit Fills With Water.								
Main Drive System								
Generic	100%	Now	$25,900	2065	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Machinery Room								
Explanation : No Operation Observed. Reported To Be Working Fine. Adjustment May Be Required For Firm Bridge Seating.								
Rack								
Generic	100%			2065	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Racks								
Explanation : No Operation Observed. Minor Corrosion On Fasteners Under Support.								
Structural Bearings								
Generic	50%	Now	$8,100	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Live Load Bearings At Toe								
Explanation : Gap Present At South And Center Live Load Support Bearings And Substantial Movement Under Traffic Loading.								
Generic	50%			2043	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Live Load Supports At Tail								
Explanation : Not Accessible								
Track								
Generic	100%			2065	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Track Supports								
Explanation : No Operation Observed. Minor To Moderate Corrosion Observed On Track Supports								

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

DEPARTMENT OF TRANSPORTATION - 841

HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS

Asset # : 13712

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
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	$80,900	2039	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Barrier Gates								
Explanation : The Barrier Gates Are Currently Not In Service. Some Corrosion Observed. Repairs Required. Loose Covers And Platforms.								
Warning Gate	100%	Now	$26,400	2033	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Warning Gates								
Explanation : No Observation Observed. Missing Hardware. Damaged Arm. Grout Pad Cracking.								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **15-Apr-2019**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2075859**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$1,866,600	$1,368,100
Bridge Electrical		$982,500
Bridge Mechanical	$944,200	$989,600
Total	**$2,810,800**	**$3,340,200**
Importance Code A	$1,090,400	$591,900
Importance Code B	$1,574,500	$2,602,500
Importance Code C	$145,800	$145,800
Total	**$2,810,800**	**$3,340,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$365,500	$5,700	$138,400	
Bridge Electrical	$28,300			
Bridge Mechanical	$81,300			
Total	**$475,000**	**$5,700**	**$138,400**	
Importance Code A	$213,200		$51,200	
Importance Code B	$255,300		$63,200	
Importance Code C	$6,500	$5,700	$24,000	
Total	**$475,000**	**$5,700**	**$138,400**	

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

HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER

Asset # : 4269

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Backwall								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Begin Abutment								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	$5,800	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 25%								
Location : Begin Joint Between G3 And G4.								
Leakage, Extent : Light, Area Affected : 50%								
Location : Begin And End Joint								
Missing/Damaged Seal, Extent : Light, Area Affected : 50%								
Location : Begin And End Joint								
Rust Stains, Extent : Light, Area Affected : 50%								
Location : Begin Abutment								
Spalling, Extent : Light, Area Affected : 1%								
Location : End Joint Header								
Mat (scour & erosion)								
Earth	100%	4+	$4,200	LIFE	* *			
Erosion, Extent : Light, Area Affected : 15%								
Location : End Abutment Drainage								
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	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Random Areas Of Wingwalls								
Explanation : Efflorescence								
Brick Veneer	90%			LIFE	* *			
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

HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER

Asset # : 4269

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 4 And 5.								
Explanation : Granite Block Facade								
Timber	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 2 And 3.								
Explanation : Piers 2 And 3.								
Approaches								
Pavement								
Asphalt	80%			2034	* *	4	$14,500	
Asphalt	20%	4+	$6,100	2034	* *	4	$9,700	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : South Approach								
Concrete	100%			2043	* *	4	$36,500	
Curbs								
Concrete	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Steel	90%			LIFE	* *	2-8	$8,700	
Steel	10%	Now	$300	LIFE	* *	2-8	$5,500	
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : West Side - South (Begin) Approach And West Side - North (End) Approach								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Asphalt	100%			2034	* *	4	$2,700	
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 7.								
Explanation : Sidewalk On West Side Only								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$61,300	

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

HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER

Asset # : 4269

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns								
Brick Veneer	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Pier 2, Column 3; Pier 3, Column 3; Pier 4, Column 3; Pier 5, Column 1								
Explanation : Cracked Or Deterioriated Bricks With Hollow Sounding Areas.								
Concrete	100%			LIFE	* *			
Spalling, Extent : Light, Area Affected : 1%								
Location : Pier 2, Column 1								
Granite	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 4, 5, 6								
Explanation : Granite At Base.								
Steel	100%			LIFE	* *	2-8	$151,100	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 2 And 3								
Explanation : Steel Columns Encased In Concrete.								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 2 And 3								
Explanation : Solid Concrete Stem.								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2056	* *			
Steel	100%	4+	$60,500	LIFE	* *	2-8	$8,200	
Corrosion, Extent : Moderate, Area Affected : 10%								
Location : Piers 2 And 3								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Pier 2 Pedestal 1								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Guide Railing								
Steel	100%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5	$20,300	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 And 6 Median								
Explanation : Broken Electrical Box Covers								

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DEPARTMENT OF TRANSPORTATION - 841

HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER

Asset # : 4269

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$106,900	
Corrosion, Extent : Light, Area Affected : 1%								
Location : Span 7 West Railing								
Sidewalks								
Concrete	100%			2038	* *	5	$11,400	
Cracks, Extent : Light, Area Affected : 1%								
Location : Spans 1, 2, 4 -7								
Wearing Surface								
Concrete	100%			2043	* *	5	$291,700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 2, 4 - 7								
Explanation : Concrete Wearing Surface.								
Steel Grating	100%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 3								
Explanation : Bascule Span Steel Grating.								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$94,100	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 2, 4 - 7								
Explanation : Concrete Deck.								
Grating w/ Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 2 And 4								
Explanation : Half The Spans Have Grating With Concrete.								
Steel Grating	100%			LIFE	* *	5	$116,300	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 3								
Explanation : Steel Grating Deck.								
Joints								
Generic	100%			LIFE	* *			
Leakage, Extent : Light, Area Affected : 1%								
Location : All Spans								
Primary Member								
Steel	100%			LIFE	* *	2-8	$1,489,100	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 2 , 4 - 7								
Explanation : Structural Steel								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$1,643,500	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 2, 4 - 7								
Explanation : Structural Steel								
Movable Bridges								

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DEPARTMENT OF TRANSPORTATION - 841

HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER

Asset # : 4269

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	* *			
Steel	10%	Now	$392,800	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Span 3								
Explanation : Based On Bien. Insp. Flags, Holes In Stringer And Purlins. Not Accessible Maybe Repaired.								
Bascule Span Pier								
Concrete	95%			LIFE	* *			
Concrete	5%	4+	$45,200	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : North Leaf At Pier 3								
Explanation : Cracking Of Concrete At Trunnion Bearing Pedestal.								

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%			2028	$15,400			
Telephone								
Desk Top	100%			2028				
Control System Electrical								
Control Console								
Generic	100%			2043	* *			
Control Devices								
Relay	100%			2035	* *			
Disconnect Switch								
Generic	100%			2043	* *			
Limit Switch								
Generic	100%			2050	* *			
Electrical Power								
Transfer Switch								
Auto	100%	2-4	$11,700	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Transfer Switch								
Explanation : Only One Power Source Available. Transfer Switch Cannot Be Used Because Only One Source Of Power Is Available.								
Transformer								
Dry	100%			2035	* *			
Heating								
Generic	100%			2035	* *			
Dist Equip & Motor Controll								
Generic	100%			2035	* *			
Navigation Lighting								

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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		
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%			2028				
Other Observation, Extent : Light, Area Affected : 20%								
Location : North And South Pier.								
Explanation : North And South Pier Each Have 1 Pier Light Out.								
Span Lighting								
Incandescent	100%			2025				
Raceway								
Conduit								
Metal	90%	4+	$16,600	2058	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Below Machine Rooms								
Explanation : Conduits Corroding								
Metal	10%			2045	* *			
Submarine Control Cables								
Generic	100%			2028	$872,200			
Submarine Power Cable								
Power	100%			2028				
Wiring								
Generic	100%			2031	* *			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2025	$15,400			
Traffic Gate Lighting								
Incandescent	100%			2025	$15,400			
Traffic Gong								
Not Accessible	100%							
Lighting								
Lighting Devices								
Generic	100%			2028	$110,300			

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
Bascule								
Counter Weight								
Generic	100%			2045	* *			
Emergency Drive								
Emergency Power	100%	Now	$5,100	2045	* *			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : All Machine Rooms								
Explanation : Emergency Drive Was Reported Not Be Working And Not To Have Been Run In A Long Time, Should Be Repaired And Tested.								

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DEPARTMENT OF TRANSPORTATION - 841

HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER

Asset # : 4269

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Houses								
Access Ways	100%	Now	$12,600	2033	* *			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Access Ways								
Explanation : Some Doors Do Not Close Properly. Open Pier Area Behind South Inboard Trunnions.								
Auxiliary	100%	Now	$14,800	2033	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : South Auxiliary House								
Explanation : Rust On Bottom Of Door, Leaky Door Likely								
Control House	100%	Now	$54,500	2045	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Control House								
Explanation : Leaky Door. Exhaust Fan Non-functioning. Bathroom Not Functioning. Air Conditioning Does Not Work.								
Machinery Room	100%	Now	$18,300	2045	* *			
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Machine Rooms								
Explanation : Water And Oil Observed In Some Rooms. Some Doors Do Not Close Properly.								
Lock Bars								
With Motor	100%	Now	$230,900	2033	* *			
Other Observation, Extent : Severe, Area Affected : 60%								
Location : Span Lock Bars								
Explanation : Movement Of Spans Observed From Sidewalk, Locks And Live Load Brgs Require Adjustments. One Lock Operation Problematic.								
Main Drive System								
Generic	100%	0-2	$523,500	2045	* *			
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Machine Rooms								
Explanation : Lubricant Leakage And Possible Contamination. Brake Adjustments May Be Required.								
Rack								
Generic	100%			2045	* *			
Structural Bearings								
Not Accessible	100%							
Traffic Devices								
Barrier Gate	100%	Now	$68,500	2026	$684,900			
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Barrier Gates								
Explanation : Some Paint Failure. Open Areas. Some Adjustments Needed.								
Warning Gate	100%	Now	$30,500	2026	$304,700			
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Warning Gates								
Explanation : Some Repiars And Adjustments Needed. Some Guy Wire May Need Adjustment.								

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DEPARTMENT OF TRANSPORTATION - 841

HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER

Asset # : 4269

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Trunnion								
Generic	100%	Now	$66,800	2045	* *			

Other Observation, Extent : Light, Area Affected : 10%
Location : Trunnion Bearings
Explanation : Some Minor Corrsion On Hubs, Bearing Debris Covers May Rub.

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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **12-Feb-2018**	**Landmark Status**	: **EXTERIOR LANDMARK**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **1240090**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$3,501,600	$6,579,700
Bridge Electrical	$123,500	$40,100
Bridge Mechanical	$344,700	
Total	**$3,969,700**	**$6,619,900**
Importance Code A	$1,245,300	$3,184,700
Importance Code B	$2,284,300	$3,225,200
Importance Code C	$440,100	$210,000
Total	**$3,969,700**	**$6,619,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$50,600		$623,200	
Bridge Electrical	$53,700	$6,500	$6,500	$6,500
Bridge Mechanical	$101,200		$80,800	
Total	**$205,500**	**$6,500**	**$710,500**	**$6,500**
Importance Code A	$32,900		$303,800	
Importance Code B	$154,900	$6,500	$406,800	$6,500
Importance Code C	$17,600			
Total	**$205,500**	**$6,500**	**$710,500**	**$6,500**

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DEPARTMENT OF TRANSPORTATION - 841
MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER
Asset # : 4180

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Granite	100%			LIFE	* *			
Backwall								
Masonry	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Steel	100%	4+	$32,900	LIFE	* *			
Corrosion, Extent : Moderate, Area Affected : 5%								
Location : Begin Abutment Pack Rust G1 And G5								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	Now	$54,700	LIFE	* *			
Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%								
Location : Beginning Abutment Joint Sealer Damaged								
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+	$17,600	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Beginning Right Wingwall Has Voids And Displacement 4 Inches.								
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	* *			
Riprap	100%			LIFE	* *			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 36								
Explanation : Concrete With Rubber Bumpers.								
Approaches								

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DEPARTMENT OF TRANSPORTATION - 841
MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER
Asset # : 4180

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	100%			2044	* *	4		
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%			LIFE	* *	2-8	$1,633,900	
Corrosion, Extent : Moderate, Area Affected : 6%								
Location : Piers 4, 17, And 25. Pier 25 Is The Most Severe.								
Recent Repair Evident, Extent : Light, Area Affected : 5%								
Location : Spans 1 Through 30								
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Spans 1 Through 30								
Explanation : Contractor Is Preforming Steel Repairs, At The Moment.								
Pier,Columns								
Steel	100%	4+	$1,127,000	LIFE	* *	2-8	$2,821,200	
Corrosion, Extent : Moderate, Area Affected : 2%								
Location : Pier 17								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 Through 30								
Explanation : Contractor Working In Spans 1 Through 30								
Stem,Solid Pier								
Concrete	100%	4+	$484,600	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Pier 51								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Pier 51								
Masonry	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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Brngs,Ancr Blts,Pads								
Steel	25%	Now	$391,700	LIFE	* *	2-8	$49,000	
Bearings Frozen, Extent : Severe, Area Affected : 30%								
Location : Piers 2, 6, 10, 18, 22, 25, 27, 29, 31, 35 And 38 Expansion Bearings Are Frozen.								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 Through 30								
Explanation : Contractor Working In Spans 1 Through 30								
Steel	70%			LIFE	* *	2-8	$49,000	
Steel	5%	0-2	$39,200	LIFE	* *	2-8	$49,000	
Loose Fastenings, Extent : Light, Area Affected : 5%								
Location : Pier 42								
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Piers 12, 14, And 17 Are Under Construction								
Explanation : Pack Rust At Bearings.								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Steel	100%	0-2	$59,800	LIFE	* *			
Corrosion, Extent : Severe, Area Affected : 25%								
Location : Piers 4, 10, 12, 17, 25 And 29.								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 Through 29								
Explanation : Contractor Working In Spans 1 Through 30								
Deck Elements								
Curbs								
Steel	100%			LIFE	* *			
Guide Railing								
Concrete	100%			2049	* *			
Steel	100%			LIFE	* *			
Mono Deck Surface								
Concrete	100%			2059	* *	5		
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$136,600	
Sidewalks								
Concrete	100%			2039	* *	5	$107,100	
Wearing Surface								
Concrete	100%	4+	$255,900	2044	* *	5	$156,400	
Cracks, Extent : Light, Area Affected : 10%								
Location : Scattered Locations Throughout The Bridge								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$164,400	

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DEPARTMENT OF TRANSPORTATION - 841
MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER
Asset # : 4180

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Steel	100%			LIFE	* *			
Generic	100%	Now	$130,600	LIFE	* *			
Joints Missing, Extent : Severe, Area Affected : 25%								
Location : Piers 4, 8, 12, 14, 25, 31, 39, And 48								
Primary Member								
Steel	95%			LIFE	* *	2-8	$2,059,400	
Steel	5%	4+	$814,400	LIFE	* *	2-8	$2,059,400	
Corrosion, Extent : Moderate, Area Affected : 5%								
Location : Span 40 Bottom Chord Eyebars.								
Secondary Member								
Steel	90%			LIFE	* *	2-8	$1,725,200	
Steel	10%	4+	$89,900	LIFE	* *	2-8	$1,725,200	
Corrosion, Extent : Severe, Area Affected : 10%								
Location : Spans 23, 26, 30, 37, And 40 At Cross Frame Diaphragms.								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 23, 26, And 30								
Explanation : Contractor Working In Spans 1 Through 30								
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	* *			
Swing Span Pivot Pier								
Concrete	100%			LIFE	* *			

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	90%	Now	$14,400	2028	$36,100			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Throughout Bridge								
Explanation : Intercom Is Not Functioing Due To Hardware And Cable Issues. Needs Major Renovation.								
Generic	5%	Now	$1,000	2029	$2,000			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Manhattan Side Of Bridge Has The Phone Line Feed.								
Explanation : Wall Mounted Phone Not Working								
Generic	5%			2028	$2,000			
Control System Electrical								
Computer								
PLC	100%	Now	$11,500	2028	$28,700			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Programmable Logic Controller Cabinet								
Explanation : Programmable Logic Controller Has Issues With Program Retention.								

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DEPARTMENT OF TRANSPORTATION - 841
MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER
Asset # : 4180

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	* *			
Control Devices								
Relay	100%			2049	* *			
Disconnect Switch								
Non Fused	100%			2049	* *	1	$35,900	
Limit Switch								
Generic	100%	0-2	$16,900	2046	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Center Pier								
Explanation : Rotary Limit Switch Has Cover Removed With Wires Hangning Out. Needs To Be Replaced.								
Local Starter								
Magnetic	100%			2049	* *			
Drive								
Grating Motor								
Generic	100%			2059	* *			
Machinery Brake								
Thruster	100%			2059	* *	1	$600	
Motor Brake								
Thruster	100%			2059	* *	1	$1,100	
Electrical Power								
MCC								
Generic	10%	Now	$1,700	2046	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Machine Room Motor Control Center								
Explanation : Southeast Endlift Starter Bad In Motor Control Center								
Generic	90%			2049	* *			
Panelboard								
Circuit Breaker	100%			2049	* *	1	$6,700	
Transfer Switch								
Auto	100%			2049	* *			
Exterior Lighting								
Lighting Contactor								
Generic	100%			2049	* *	1	$5,600	
Lighting Fixture								
Generic	100%			2029				
Spot Lighting								
Generic	100%			2029				
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2034	* *			
Ground Rod								
Copper	100%			2029				
Ground Wire								
Green	100%			2034	* *			
Interior Lighting								

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DEPARTMENT OF TRANSPORTATION - 841
MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER
Asset # : 4180

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior Lighting								
Exit Lighting								
Battery Operated	100%			2034	* *			
Lighting Fixture								
Fluorescent	100%			2034	* *	1	$5,600	
Raceway								
Box								
Pull Junction	100%			2039	* *	1	$3,900	
Terminal	100%			2039	* *	1	$4,500	
Collector Ring								
Metal	100%			2039	* *			
Conduit								
Metal	100%			2069	* *			
Submarine Control Cables								
Control	100%			2034	* *			
Submarine Power Cable								
Power	100%			2034	* *			
Trough								
Metal	100%			2069	* *	1	$1,100	
Wires								
Thermoplastic	100%	0-2	$123,500	2042	* *			
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Random Throughout Bridge								
Explanation : Conductor Insulation Is Old And Brittle. Needs To Be Replaced.								
Span Lock								
Motor								
Squirrel Cage	100%			2044	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Span Lock								
Explanation : Span Lock Description Used For Endlifts Motors								
Stand-by Power								
Transfer Switch								
Auto	100%			2049	* *			
Traffic System Electrical								
Barrier Gate Lighting								
Not Accessible	100%							
Traffic Gate Lighting								
Not Accessible	100%							
Traffic Gong								
Not Accessible	100%							
Traffic Sign								
Fixed	100%			2029				
Traffic Signal								
Not Accessible	100%							
Lighting								

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DEPARTMENT OF TRANSPORTATION - 841
MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER
Asset # : 4180

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Lighting Devices								
Generic	40%	Now	$1,000	2033	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Center Pier								
Explanation : Incandescent Fender Lighting, Two Pier Lights Out								
Generic	10%	Now	$600	2033	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : East Pier								
Explanation : Incandescent Pier Lighting, One Pier Light Out								
Generic	50%			2034	* *			

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								
Center Latch								
Generic	100%	Now	$38,500	2057	* *	2	$18,000	
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : East And West								
Explanation : Could Not Be Tested. Operation Reported To Be Problematic. Repairs Needed.								
Center Pivot								
Generic	100%			2057	* *	2	$67,400	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Center Pivot Pier								
Explanation : (Rim Bearing) Minor Corrosion. Could Not Be Tested.								
Emergency Drive								
Emergency Power	100%			2057	* *	2	$44,900	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Swing Span Machinery Room								
Explanation : Operation Was Not Observed. Emergency Drive Reported To Have Last Been Tested Recently.								
End Lift								
Generic	100%	Now	$22,900	2057	* *	2	$35,900	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : East And West Rest Piers								
Explanation : Corrosion, Operation Reported To Problematic. Could Not Be Tested. Some Adjustments Required.								
Fuel Tanks								
Generic	100%			2042	* *			

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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								
Houses								
Access Ways	100%	Now	$10,000	2057	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Swing Span Access Hatches								
Explanation : Hatch Locks Need Maintenance								
Control House	100%	Now	$5,500	2057	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Control House								
Explanation : Door Lock Operation Problematic.								
Machinery Room	100%			2057	* *			
Main Drive System								
Generic	100%	Now	$306,100	2057	* *	2	$179,600	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Operating Machinery								
Explanation : Corrosion, Lube On Brakewheel. Could Not Be Tested Due To Lube System Failure. Repairs Needed.								
Structural Bearings								
Generic	100%			2038	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : East And West Rest Piers								
Explanation : Minor Corrosion And Debris. Three Open Bolt Holes At Back Of Each Base.								
Traffic Devices								
Barrier Gate	100%	Now	$23,200	2038	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : East And West Approaches								
Explanation : Missing Locking Arms, One Gate Operation Problematic. Could Not Be Tested. Some Guy Wire May Need Adjustment.								
Warning Gate	50%	Now	$14,400	2038	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Pedestrian Gates								
Explanation : One Pedestrian Gate Not Working, Stuck In Closed Position. Pedestrian Gate Arms Not Installed. Could Not Be Tested.								
Warning Gate	50%	Now	$2,900	2038	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Warning Gates								
Explanation : Could Not Be Tested. Guy Wire Adjustment May Be Required. One Gate Operation Reported To Be Problematic.								

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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$226,600	$1,660,100
Bridge Electrical	$248,700	
Bridge Mechanical	$595,900	$1,827,200
Total	**$1,071,200**	**$3,487,300**
Importance Code A		$466,100
Importance Code B	$844,600	$2,146,700
Importance Code C	$226,600	$874,500
Total	**$1,071,200**	**$3,487,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$20,400		$96,000	
Bridge Electrical	$42,000	$3,900	$46,300	$88,500
Bridge Mechanical	$55,800		$71,800	
Total	**$118,300**	**$3,900**	**$214,200**	**$88,500**
Importance Code A	$1,200		$35,900	
Importance Code B	$110,400	$3,900	$150,200	$88,500
Importance Code C	$6,700		$28,100	
Total	**$118,300**	**$3,900**	**$214,200**	**$88,500**

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DEPARTMENT OF TRANSPORTATION - 841

MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER

Asset # : 4209

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	$1,100	LIFE	* *			
Leakage, Extent : Light, Area Affected : 20%								
Location : Begin And End Abutment								
Missing/Damaged Seal, Extent : Severe, Area Affected : 15%								
Location : Begin Abutment Joint								
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	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Wingwalls								
Explanation : Beginning Wingwall Only. End Approach Has No Wingwall								
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	$168,100	4	$8,100	
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		
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	
Damaged Railing, Extent : Moderate, Area Affected : 5%								
Location : End Approach Left (North) Side.								
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$252,300	
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$301,600	
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Masonry	99%			LIFE	* *			
Masonry	1%	2-4	$100	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Pier 12								
Explanation : Masonry Stone Displaced.								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051	* *			
Steel	100%			LIFE	* *	2-8	$6,200	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%	0-2	$11,400	LIFE	* *			
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Piers 12 And 14.								
Deck Elements								
Gratings								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 13 And 14								
Explanation : Spans 13 And 14								
Guide Railing								
Concrete	100%			2045	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 12 And 15 - 21.								
Explanation : Concrete Guide Railings Both Sides.								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 13 And 14.								
Explanation : Swing Span.								

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DEPARTMENT OF TRANSPORTATION - 841

MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER

Asset # : 4209

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Median								
Concrete	100%			LIFE	* *	5	$5,600	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 8 - 12 And 15 - 21.								
Explanation : Concrete Median.								
Steel	100%			LIFE	* *	4-8	$27,500	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 13 And 14								
Explanation : Swing Spans								
Railings/Parapets								
Steel	78%			LIFE	* *	2-8	$40,300	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 8 - 21								
Explanation : Pipe Railing And Chain-link Fence On Both Sides								
Steel	22%			LIFE	* *	2-8	$40,300	
Other Observation, Extent : Severe, Area Affected : 1%								
Location : Spans 1 - 7.								
Explanation : Pipe Railing And Chain-link Fence On One Side Only.								
Sidewalks								
Concrete	78%			2033	* *	5	$28,100	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 8 - 21								
Explanation : Concrete Sidewalk On Both Sides.								
Concrete	22%			2033	* *	5	$28,100	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 7.								
Explanation : Concrete Sidewalk On One Side Only.								
Grating w/ Concrete	100%			2051	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 13 And 14.								
Explanation : Swing Span								
Wearing Surface								
Asphalt	100%			2029	$479,800	5	$84,700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 12 (Both Sides) And 15 - 21 (Left Side)								
Explanation : Asphalt Wearing Surface.								
Concrete	100%			2038	* *	5	$368,400	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 15 - 21 (Right Side Only)								
Explanation : Concrete Wearing Surface.								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$115,700	
Grating w/ Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 13 And 14.								
Explanation : Swing Span.								

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DEPARTMENT OF TRANSPORTATION - 841
MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER
Asset # : 4209

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 12 And 14.								
Explanation : Steel Joint.								
Generic	80%			LIFE	* *			
Generic	20%	0-2	$4,000	LIFE	* *			
Leakage, Extent : Moderate, Area Affected : 20%								
Location : Piers 3, 9, 11 And 18.								
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		
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	$11,600	2023	$19,300			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Entire Bridge								
Explanation : Intercom System Is Not Functioning								
Control System Electrical								
Computer								
PLC	50%			2024	$13,200			
PLC	50%			2024	$13,200			
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	$1,600	2038	* *			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : East Center End Lift								
Explanation : Rotary Limit Switch Missing Cover Allow Severe Corrosion.								
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		
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	$5,800	2042	* *			
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Center Pier Mcc								
Explanation : End Lifts Do Not Disengage. Due To This The Bridge Will Not Open.								
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	$26,500			
Pole								
Aluminum	100%			2029	$32,300			
Interior Lighting								
Lighting Fixture								
Fluorescent	100%	Now	$200	2029	$3,500	1	$5,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Various								
Explanation : Service Lighting Needs Relamping Or Ballast Replacement.								
Wiring Device								
Generic	100%			2033	* *			
Navigation Lighting								
Fender Lighting								
Incandescent	100%	Now	$500	2023	$9,400	1	$3,000	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Center Pier								
Explanation : North Tip And Center East Navigation Lights Out.								
Pier Lighting								
Incandescent	100%			2023	$6,300	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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Navigation Lighting								
Span Lighting								
Incandescent	100%	Now	$3,700	2023	$7,500	1	$2,000	
Other Observation, Extent : Light, Area Affected : 20%								
Location : Various								
Explanation : Various Service Lighting Fixtures Are Out. Need Relamping.								
Raceway								
Box								
Pull Junction	100%	Now	$200	2030	$3,800	1	$3,500	
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Machine Room								
Explanation : Pull Box For Grounding Transformers Is Corroded And Latches Do Not Close.								
Collector Ring								
Metal	100%			2033	* *			
Conduit								
Metal	100%			2060	* *			
Submarine Control Cables								
Generic	100%			2029				
Submarine Power Cable								
Power	100%			2029	$34,900			
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%			2021	$15,400	1	$1,100	
Traffic Gate Lighting								
Incandescent	100%	Now	$800	2024	$15,400	1	$1,000	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Sw Warning Gate								
Explanation : 3 Arm Lights Broken								
Traffic Gong								
Generic	100%			2024	$16,200	1	$600	
Traffic Signal								
Generic	100%			2024	$248,700	1	$600	

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								

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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		
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	$28,400	2028	$142,100	2	$18,000	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Center Latches								
Explanation : No Operation Observed. Cracks In Bar Housing.								
Center Pivot								
Generic	100%	0-2	$185,700	2040	* *	2	$53,900	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Center Pivot Pier								
Explanation : No Operation Observed. Some Corrosion. Difficult To Access Interior.								
End Lift								
Generic	100%	Now	$238,700	2040	* *	2	$35,900	
Other Observation, Extent : Severe, Area Affected : 30%								
Location : End Lifts								
Explanation : End Lifts Do Not Function Properly. Limit Switches And Couplings Are In Poor Condition.								
Houses								
Access Ways	100%	Now	$71,300	2040	* *			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Accessways And Fender Decking								
Explanation : Corroded Grating And Supports. Some Nails Are Popping Out Of Boards Around The Pier. Missing Pinion Platform								
Control House	100%	Now	$17,800	2040	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Control House								
Explanation : No Heat Or Ac								
Main Drive System								
Generic	100%	Now	$54,600	2028	$1,091,600	2	$179,600	
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Drive Machinery								
Explanation : Bridge Could Not Be Operated. Some Corrosion. Some Rack Nuts Not Seated.								
Structural Bearings								
Generic	100%	0-2	$45,600	2028	$114,000			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Rest Piers								
Explanation : Grout Pads Are Deteriorating								
Traffic Devices								
Barrier Gate	100%	Now	$7,700	2028	$382,700			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Barrier Gates								
Explanation : One Missing Gate Arm Buffer Stand. Some Corrosion								
Warning Gate	100%	Now	$1,900	2028	$96,600			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Warning Gates								
Explanation : One Missing Gate Arm Buffer Stand. Some Corrosion								

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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$43,526,200	$4,407,500
Bridge Electrical	$2,251,500	$1,185,800
Bridge Mechanical	$3,320,500	$4,545,200
Total	**$49,098,200**	**$10,138,600**
Importance Code A	$39,316,100	$1,647,400
Importance Code B	$8,807,700	$7,186,500
Importance Code C	$974,500	$1,304,700
Total	**$49,098,200**	**$10,138,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$94,300		$296,600	
Bridge Electrical	$65,200	$600	$32,000	$42,100
Bridge Mechanical	$53,400			
Total	**$212,900**	**$600**	**$328,600**	**$42,100**
Importance Code A	$46,900		$150,600	
Importance Code B	$162,500	$600	$178,000	$42,100
Importance Code C	$3,500			
Total	**$212,900**	**$600**	**$328,600**	**$42,100**

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Asset # : 4318

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%	Now	$12,200	LIFE	* *			
Erosion, Extent : Severe, Area Affected : 10%								
Location : Both Beginning And End Abutments								
Stem (breastwall)								
Concrete	100%	4+	$467,400	LIFE	* *			
Cracks, Extent : Severe, Area Affected : 40%								
Location : End Abutment								
Delaminations, Extent : Moderate, Area Affected : 10%								
Location : End Abutment								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : End Abutment								
Spalling, Extent : Light, Area Affected : 5%								
Location : End Abutment								
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%	4+	$274,200	LIFE	* *			
Erosion, Extent : Severe, Area Affected : 20%								
Location : At All Four Wingwalls								
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	$79,000	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 10%								
Location : Random Locations At The End South Wingwall								
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random Locations At All Wingwalls								
Feature Crossed								
Mat (scour & erosion)								
Earth	100%	Now	$61,800	LIFE	* *			
Erosion, Extent : Severe, Area Affected : 15%								
Location : Pier 2 South Side								
Stream Bed	100%			LIFE	* *			
Pier Protection								
Timber	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%	4+	$60,600	2025	$302,800	4	$9,700	
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Both Approaches								

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Asset # : 4318

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	Now	$17,100	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 20%								
Location : Both Approaches								
Cracks, Extent : Moderate, Area Affected : 50%								
Location : Both Approaches								
Settlement, Extent : Moderate, Area Affected : 50%								
Location : Both Approaches								
Embankment								
Earth	100%	2-4	$1,000	LIFE	* *			
Erosion, Extent : Moderate, Area Affected : 10%								
Location : Both Approaches								
Guide Railing								
Steel	50%	Now	$1,500	LIFE	* *	2-8	$5,800	
Damaged Railing, Extent : Severe, Area Affected : 10%								
Location : Beginning Approach South Side And Median								
Steel	50%	Now	$800	LIFE	* *	2-8	$5,800	
Damaged Railing, Extent : Moderate, Area Affected : 20%								
Location : End Approach South Side								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Asphalt	100%	2-4	$2,500	2025	$12,400	4	$800	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : End Approach South Side								
Piers								
Cap Beam								
Concrete	60%	2-4	$512,100	LIFE	* *			
Delaminations, Extent : Moderate, Area Affected : 15%								
Location : Piers 3, 4, 5, 10, 11 And 13								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Piers 3, 4, 5, 10, 11 And 13								
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		
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+	$2,057,600	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	$358,500	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+	$303,600	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	$2,367,500	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+	$3,300	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 2 And 12								
Explanation : Solid Stem Pier								
Pedestals								
Concrete	100%	4+	$26,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Pier 11								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Piers 2 And 11								

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Asset # : 4318

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete	100%	Now	$4,031,900	2044	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Spans 9, 10, 11, 12, 13 And 14 North Side								
Steel	100%			LIFE	* *			
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Spans 9 - 14 On The South Side								
Median								
Concrete	100%	4+	$82,100	LIFE	* *	5	$9,800	
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Span 3, 4, 5, 7, 9, 10, 11, 12, 13 And 14								
Spalling, Extent : Moderate, Area Affected : 15%								
Location : Span 3, 4, 5, 7, 9, 10, 11, 12, 13 And 14								
Steel	30%	4+	$18,600	LIFE	* *	4-8	$26,500	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Random Spans								
Steel	70%			LIFE	* *	4-8	$26,500	
Railings/Parapets								
Steel	10%	4+	$5,600	LIFE	* *	2-8	$36,800	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Span 7								
Damaged Railing, Extent : Light, Area Affected : 5%								
Location : Span 9								
Steel	90%			LIFE	* *	2-8	$36,800	
Sidewalks								
Concrete	40%	4+	$50,600	2029	$253,000	5	$10,400	
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Spans								
Concrete	30%	0-2	$113,800	2032	* *	5	$10,400	
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Random Spans								
Concrete	30%	Now	$113,800	2029	$189,700	5	$10,400	
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Spans 3, 6, 9, 10, 11, 12, 13 And 14								
Spalling, Extent : Severe, Area Affected : 25%								
Location : Spans 3, 6, 9, 10, 11, 12, 13 And 14								
Steel	100%			2054	* *	2-8		
Recent Replace Evident, Extent : Light, Area Affected : 25%								
Location : Spans 9, 10, 11, 12, 13, And 14 On The Right Sidewalk								

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Asset # : 4318

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Asphalt	50%	0-2	$95,100	2025	$237,600	5	$42,000	
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Random Spans								
Settlement, Extent : Moderate, Area Affected : 5%								
Location : Span 14								
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Random Spans								
Asphalt	50%	2-4	$71,300	2025	$237,600	5	$42,000	
Cracks, Extent : Moderate, Area Affected : 25%								
Location : Random Spans								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Random Spans								
Superstructure								
Deck,Structural								
Concrete	90%	4+	$2,801,300	LIFE	* *	5	$64,900	
Cracks, Extent : Moderate, Area Affected : 50%								
Location : Spans 1, 2, 3, 4, 5, 6, 7, 9, 11, 12, 13 And 14								
Delaminations, Extent : Light, Area Affected : 10%								
Location : Random Spans								
Effloresence, Extent : Light, Area Affected : 30%								
Location : Random Spans								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Spans								
Concrete	10%	Now	$62,300	LIFE	* *	5	$64,900	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Span 10								
Explanation : 6 Feet x 7 Feet Hole In The Deck								
Joints								
Generic	100%	Now	$116,200	LIFE	* *			
Leakage, Extent : Severe, Area Affected : 50%								
Location : Piers 2, 3, 4, 5, 10, 11 And 12								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Piers 2, 3, 4, 5, 10, 11 And 12								
Explanation : Joints Paved Over								

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Asset # : 4318

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Concrete	100%	4+	$2,984,200	LIFE	* *	5	$38,600	
Cracks, Extent : Severe, Area Affected : 50%								
Location : Spans 13 And 14								
Efflorescence, Extent : Moderate, Area Affected : 50%								
Location : Spans 1, 2, 13 And 14								
Steel	25%	4+	$14,390,500	LIFE	* *	2-8	$1,358,800	
Corrosion, Extent : Moderate, Area Affected : 25%								
Location : Spans 3, 4, 9, 10 And 11								
Loss of Section, Extent : Moderate, Area Affected : 20%								
Location : Spans 3, 4, 9, 10 And 11								
Steel	75%			LIFE	* *	2-8	$1,358,800	
Secondary Member								
Concrete	90%			LIFE	* *	5	$900	
Concrete	10%	2-4	$5,200	LIFE	* *	5	$900	
Spalling, Extent : Severe, Area Affected : 50%								
Location : Spans 1 And 14								
Steel	90%			LIFE	* *	2-8	$1,138,600	
Steel	10%	4+	$48,500	LIFE	* *	2-8	$1,138,600	
Corrosion, Extent : Moderate, Area Affected : 10%								
Location : Span 7								
Movable Bridges								
Bascule Span								
Steel	100%	4+	$11,802,700	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 15%								
Location : Bascule Span 8								
Explanation : Corrosion On Steel And Counterweight Deterioration								
Bascule Span Pier								
Concrete	10%	4+	$219,700	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Bascule Piers 7 And 8								
Explanation : Concrete Deterioration								
Concrete	90%			LIFE	* *			

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	$36,900	2024	$36,900			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Operators Room								
Explanation : Land Line Desktop Phone Not Functioning								

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Asset # : 4318

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%	Now	$15,400	2024	$15,400			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Entire Bridge								
Explanation : Public Address System Broken And Missing Parts								
Control System Electrical								
Control Console								
Metal	100%	Now	$7,700	2041	* *			
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Control Console								
Explanation : Position Indicators Inoperative								
Control Devices								
Relay	100%			2029	$26,300			
Disconnect Switch								
Non Fused	100%			2029				
Limit Switch								
Lever	100%			2021				
Plunger	100%			2021				
Generic	100%			2029	$53,500			
Drive								
Machinery Brake								
Thruster	100%			2044	* *			
Motor Brake								
Thruster	100%	0-2	$65,800	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Machinery Room								
Explanation : Emergency Brakes								
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		
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	$3,500			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Explanation : Service Lighting Fixtures Are Inoperable								
HID	100%	Now	$1,400	2028	$3,500			
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Lighting Fixtures Throughout Bridge Are Broken								
Incandescent	100%	4+	$700	2024	$3,500			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Lighting Fixtures Broken								
Wiring Device								
Generic	100%			2032	* *			
Navigation Lighting								
Fender Lighting								
Incandescent	100%	Now	$19,600	2024	$19,600			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Fender Area								
Explanation : Inoperable Navigation Lights								
Span Lighting								
Incandescent	100%	0-2	$15,700	2023	$31,400			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Center Of Span								
Explanation : 2 Of 4 Span Navigation Lights Are Inoperable								
Power Over 600V								
Transformer								
Oil	100%			2022				
Raceway								
Communications								
Twisted Shielded pair	100%			2021				
Conduit								
Metal	100%	4+	$541,900	2064	* *			
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Random Locations Throughout								
Explanation : Conduits Completely Corroded In Some Locations								
Submarine Control Cables								
Control	100%			2021				
Submarine Power Cable								
Power	100%			2022				
Trough								
Metal	100%			2039	* *			
Wires								
Rubber	100%	0-2	$189,000	2044	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Explanation : Conductors Get Wet Due To Corroding Conduit And Junction Boxes.								

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DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Asset # : 4318

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Raceway								
Wiring								
Generic	100%	Now	$1,132,300	2029	$1,132,300			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Random Locations Throughout								
Explanation : Pull Boxes Corroded And Not Providing Protection								
Span Lock								
Motor								
Squirrel Cage	100%			2027				
Traffic System Electrical								
Traffic Gate Lighting								
Incandescent	100%			2021				
Traffic Gong								
Generic	100%	Now	$3,000	2024	$3,000			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Warning Gates/ Bridge Approach								
Explanation : Traffic Gong Not Working								
Traffic Signal								
Generic	100%			2022	$248,700			

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
Bascule								
Counter Weight								
Generic	100%	2-4	$565,600	2052	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Underside Of Counterweights								
Explanation : Spalling Concrete And Exposed Re-bar On Both Counterweights.								
Emergency Drive								
Emergency Power	50%	Now	$37,000	2039	* *			
Other Observation, Extent : Severe, Area Affected : 30%								
Location : North Leaf								
Explanation : Corroded Motor Coupling And The Brake Thrustor Is Leaking. System Could Not Be Tested.								
Emergency Power	50%	Now	$37,000	2039	* *			
Other Observation, Extent : Severe, Area Affected : 30%								
Location : South Leaf								
Explanation : Components And Linkage Corroded, System Could Not Be Tested.								
Fuel Tanks								
Generic	100%	Now	$4,100	2029	$8,300			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Control House								
Explanation : One Of Two Tanks Leaking In Past. Now Bypassed And Only One Tank Being Used. Tank Used Has 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.*

DEPARTMENT OF TRANSPORTATION - 841
MILL BASIN BRIDGE BELT SHORE PKWY/MILL BASIN
Asset # : 4318

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Houses								
Access Ways	100%	Now	$59,200	2027	$197,500			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Access Ways								
Explanation : Some Areas Of Corroded Grating. Some Repairs Required To Doors And Grating.								
Control House	100%	Now	$109,000	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Control House								
Explanation : Windows And Doors Need Repair.								
Machinery Room	100%	Now	$47,100	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : South And North Machinery Rooms								
Explanation : Some Doors And Locks Need Repair.								
Lock Bars								
With Motor	100%	Now	$300,900	2033	* *			
Other Observation, Extent : Moderate, Area Affected : 80%								
Location : Span Lock Machinery Components								
Explanation : Corrosion And Limited Lubrication. Broken Hanger Reported. No Shaft Extension Covers. Some Repairs Required.								
Main Drive System								
Generic	100%	2-4	$2,003,900	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Main Drive Machinery								
Explanation : Machinery Components Has Areas Of Moderate To Heavy Corrosion. Some Repairs/ Rehabilitation To Machinery Required.								
Rack								
Generic	100%	0-2	$22,700	2027	$1,132,500			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Racks								
Explanation : Some Surface Corrosion Observed On Teeth.								
Structural Bearings								
Generic	100%	Now	$1,200	2021	$12,200			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Live Load Bearings								
Explanation : Live Load Bearings Could Not Be Directly Accessed. From Shore, Corrosion Noted. Adjustment May Be Required.								
Traffic Devices								
Warning Gate	100%	Now	$13,200	2037	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Traffic Gates								
Explanation : One Gate Has Broken Anchor Bolt. Some Gates Are Missing Locks.								
Trunnion								
Generic	100%	Now	$160,800	2027	$3,215,200			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Trunnion Assemblies								
Explanation : Corrosion On Trunnion Assembly Components.								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL**
Address : **SMITH STREET AND 2ND. AVENUE**
Borough : **BROOKLYN**
Program / Asset # : **DOT0149.000 / 13512**
Area Sq Ft : **4,800**
Date of Survey : **17-Apr-2019**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1999 /**
Project Type : **WATERWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2240240**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Electrical		$36,900
Bridge Mechanical	$510,800	
Total	**$510,800**	**$36,900**
Importance Code B	$510,800	$36,900
Total	**$510,800**	**$36,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$15,700		$100	
Bridge Electrical	$85,600			
Bridge Mechanical	$55,600			
Total	**$156,900**		**$100**	
Importance Code A	$1,100		$100	
Importance Code B	$141,200			
Importance Code C	$14,700			
Total	**$156,900**		**$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

NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL

Asset # : 13512

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Feature Crossed								
Bank Protection								
Sheet Piling	100%			LIFE	* *			
Timber	100%	2-4	$7,900	2038	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 15%								
Location : South Of Pier 1								
Rotted, Extent : Moderate, Area Affected : 10%								
Location : South Of Pier 1								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE	* *			
Split/Dry/Cracked, Extent : Light, Area Affected : 1%								
Location : Timber Protection At Begin Vertical Lift Pier								
Approaches								
Pavement								
Concrete	100%			2045	* *	4	$20,300	
Cracks, Extent : Moderate, Area Affected : 2%								
Location : Beginning And End Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Railings/Parapets								
Steel	100%	4+	$1,100	LIFE	* *	2-8	$3,500	
Missing Fastenings, Extent : Light, Area Affected : 1%								
Location : Span 2, North Railing, 2nd Railing From The Bottom At The Northwest Corner - Missing Bolt.								
Sidewalks								
Concrete	100%			2040	* *	5		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 And 3								
Explanation : Sidewalk Is In Good Condition								
Wearing Surface								
Asphalt	100%			2035	* *	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
NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL
Asset # : 13512

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Concrete	100%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 And 3								
Explanation : Concrete Deck								
Movable Bridges								
Vertical Lift Span								
Steel	100%			LIFE	* *			
Vertical Lift Tower								
Steel	5%			LIFE	* *			
Steel	95%			LIFE	* *			
Vertical Lift Pier								
Concrete	100%			LIFE	* *			

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	$22,100	2025	$36,900			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Entire Bridge								
Explanation : CCTV, Fire Alarm, Security System, Public Address Not Functioning								
Control System Electrical								
Computer								
PLC	100%	Now	$15,800	2025	$26,400			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Bridge Operates Under Half Speed- Otherwise It Goes Out Of Skew. East Height Indicator Broken.								
Control Console								
Stainless Steel	100%	Now	$9,800	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Plc User Console								
Explanation : Alarm Printer Not Functioning								
Disconnect Switch								
Generic	100%			2050	* *			
Limit Switch								
Generic	100%			2050	* *			
Electrical Power								
Transfer Switch								
Auto	100%	Now	$4,200	2047	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Electrical Room								
Explanation : Transfer Switch Not Working, Only Stays On Primary Power.								
Heating								
Generic	100%			2050	* *			

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF TRANSPORTATION - 841
NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL
Asset # : 13512

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Electrical Power								
Dist Equip & Motor Controll								
Generic	10%	Now	$23,500	2047	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Bridge Control System/ Motor Controllers								
Explanation : Bridge Operators Are Told To Run Bridge In Reduced Speed To Avoid Skew And Not To Fully Open To Avoid Skew								
Generic	90%			2050	* *			
Navigation Lighting								
Pier Lighting								
Incandescent	100%			2029				
Span Lighting								
Incandescent	100%			2029				
Raceway								
Conduit								
Metal	100%			2070	* *			
Submarine Control Cables								
Not Accessible	100%							
Submarine Power Cable								
Not Accessible	100%							
Wiring								
Generic	100%			2035	* *			
Stand-by Power								
Generator								
Natural Gas	100%			2050	* *			
Lighting								
Lighting Devices								
Generic	100%	Now	$10,200	2035	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Random Light Fixtures Throughout Bridge								
Explanation : Light Bulbs Out								

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
Vertical Lift								
Counter Weight Ropes & Gu								
Generic	100%	Now	$45,100	2065	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Counter Weight Ropes And Guides								
Explanation : Live Load Noted In One Of The Corners. Live Load Bearings May Require Adjustment. Minor Corrosion On Guide Fasteners.								
Counter Weight								
Main CTRWT	100%			2065	* *			

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

DEPARTMENT OF TRANSPORTATION - 841

NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL

Asset # : 13512

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Emergency Drive								
Emergency Power	100%			2058	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Machine Rooms And At Roadway Level								
Explanation : System Not Tested. Should Be Tested Periodically.								
End Locks								
With Motor	100%	Now	$62,100	2058	* *			
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Lock Machinery								
Explanation : No Operation Observed. Some Reducers Low On Oil. Some Adjustments May Be Required. Minor Corrosion.								
Houses								
Access Ways	100%	Now	$13,500	2043	* *			
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Span Lock Access								
Explanation : Some Hatches Reported To Be Difficult To Open And Need Repair.								
Control House	100%	Now	$36,300	2065	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Control House								
Explanation : Signs Of Leaking Roof.								
HVAC	100%			2058	* *			
Machinery Room	100%	Now	$67,500	2065	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Machine Rooms								
Explanation : Signs Of Leaking Ceiling.								
Main Drive System								
Generic	100%	Now	$299,800	2065	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Machine Rooms								
Explanation : No Operation Observed. Minor Lubricant Leakage. Brake Covers Removed. Skew Conrol Needs Repar.								
Sheaves								
Generic	5%	Now	$8,700	2065	* *			
Other Observation, Extent : Light, Area Affected : 3%								
Location : Sheave Rooms								
Explanation : Missing Purge Plug Noted At One Location. Movement At One Location Under Live Load.								
Generic	95%			2065	* *			

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DEPARTMENT OF TRANSPORTATION - 841
NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL
Asset # : 13512

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Traffic Devices								
Barrier Gate	100%	Now	$21,300	2039	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Barrier Gates								
Explanation : No Operation Observed. Guy Wires Hardware Needs Repair.								
Warning Gate	100%	Now	$12,200	2039	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Warning Gate								
Explanation : No Operation Observed. Broken Door Hardware Noted. Some Arms Need Adjustment.								

Note : 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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **08-Feb-2018**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2240200**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$10,466,600	$602,500
Bridge Electrical	$1,414,600	$1,817,100
Bridge Mechanical	$1,366,800	
Total	**$13,248,000**	**$2,419,600**
Importance Code A	$10,248,700	$259,900
Importance Code B	$2,999,300	$1,817,100
Importance Code C		$342,600
Total	**$13,248,000**	**$2,419,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$18,200	$12,700	$8,600	$9,800
Bridge Electrical	$92,000	$200	$200	$200
Bridge Mechanical	$75,900			
Total	**$186,100**	**$12,900**	**$8,800**	**$10,000**
Importance Code A	$5,400	$12,700	$8,600	
Importance Code B	$167,900	$200	$200	$200
Importance Code C	$12,800			$9,800
Total	**$186,100**	**$12,900**	**$8,800**	**$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
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER
Asset # : 2469

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : End Abutment								
Explanation : Earth In Front Of Abutment At Low Tide.								
Riprap	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Both Abutments								
Explanation : Rip Rap At Begin Abutment And At Corners Of The End Abutment.								
Stem (breastwall)								
Masonry: Granite	100%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE	* *			
Settlement, Extent : Light, Area Affected : 1%								
Location : Beginning Right Wingwall								
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	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 3 And 4								
Explanation : New Pier Protection Installed.								
Approaches								
Pavement								
Asphalt	100%	4+	$3,400	2030	$168,100	4	$5,400	
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Both Beginning And End Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Stone Rough Work	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
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER
Asset # : 2469

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Steel	100%	Now	$3,100	LIFE	* *	2-8	$5,800	
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Begin Left Side Approach								
Explanation : Guide Railing Is Missing 4 Post.								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Riprap	100%			LIFE	* *			
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Stem,Solid Pier								
Concrete	100%	4+	$102,900	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 15%								
Location : Piers 1, 2, 3, 4, 5 And 6								
Delaminations, Extent : Moderate, Area Affected : 25%								
Location : Piers 1, 2, 3, 4, 5 And 6								
Spalling, Extent : Light, Area Affected : 5%								
Location : Piers 1, 2, 3, 4, 5 And 6								
Granite	100%	4+	$114,900	LIFE	* *			
Joints Missing, Extent : Moderate, Area Affected : 50%								
Location : Piers 1, 2, 3, 4, 5 And 6								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Guide Railing								
Concrete	100%	4+	$2,300	2046	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Spans 1 Through 3 And 5 Through 7								
Explanation : Concrete Barrier On The Bridge, Left Side Only								
Railings/Parapets								
Concrete	100%			2038	* *	4	$38,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 1 Through 3 And 5 Through 7.								
Explanation : Right Side Of Bridge.								

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

DEPARTMENT OF TRANSPORTATION - 841
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER
Asset # : 2469

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	90%			2034	* *	5	$19,700	
Concrete	10%	0-2	$6,000	2034	* *	5	$9,800	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Span 6								
Cracking/Crumbling, Extent : Severe, Area Affected : 20%								
Location : Spans 1 Through 3 And 5 Through 7 Fascias								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Span 6								
Wearing Surface								
Asphalt	100%	Now	$3,500	2030	$174,500	5	$15,400	
Cracks, Extent : Moderate, Area Affected : 2%								
Location : Span 7 Exhibits Transverse Cracking Up To 1 Inch Wide.								
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Pier 5, Right Side								
Explanation : Pavement Settlement Around Drainage Scupper								
Steel Grating	100%			LIFE	* *	5	$11,500	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 4								
Explanation : Steel Grating In Bascule Span 4.								
Superstructure								
Primary Member								
Concrete	100%	2-4	$2,630,000	LIFE	* *	5	$175,500	2
Cracks, Extent : Moderate, Area Affected : 35%								
Location : Spans 1, 2, 3, 5, 6, And 7								
Delaminations, Extent : Severe, Area Affected : 50%								
Location : Spans 1, 2, 3, 5, 6, And 7								
Spalling, Extent : Severe, Area Affected : 10%								
Location : Spans 1, 2, 3, 5, 6, And 7								
Steel	100%	4+	$2,266,300	LIFE	* *	2-8	$157,700	
Corrosion, Extent : Severe, Area Affected : 25%								
Location : Exposed Steel Truss In Random Spans.								
Movable Bridges								
Bascule Span								
Steel	100%	0-2	$3,499,500	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Span 4								
Explanation : Corrosion Holes, Section Losses At Several Members Of The Primary And Secondary Members								
Bascule Span Pier								
Concrete	100%	2-4	$1,853,000	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Piers 3 And 4								
Explanation : Pier Wall Supporting Truss Members Is Cracking And Spalling With Exposed Rebars.								

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

DEPARTMENT OF TRANSPORTATION - 841
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER
Asset # : 2469

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
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	$36,900	2029	$36,900			
Other Observation, Extent : Light, Area Affected : 100%								
Location : System Wide								
Explanation : The Circuits In The Submarine Cable Utilized By This Equipment Have Been Utilized For Another System.								
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	$19,600	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Control Desk								
Explanation : Automatic Seating Is Not Functioning. Must Be Manually Controlled.								
Disconnect Switch								
Generic	100%			2034	* *			
Limit Switch								
Generic	100%	Now	$19,100	2042	* *			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Southeast Tail Lock								
Explanation : Tail Lock Limit Switches Not Functioning								
Electrical Power								
Transformer								
Dry	100%	0-2	$15,000	2049	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Bridge House								
Explanation : Transformer Is Not Functioning								
Dist Equip & Motor Controll								
Generic	100%	Now	$12,200	2027	$612,500			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Motor Control Center Buckets								
Explanation : Circuit Breaker Linkages Broken On Two Buckets. Southwest Motor Brake And Southeast Warning Gate								
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2034	* *			
Raceway								
Submarine Control Cables								
Generic	100%	Now	$872,200	2034	* *			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Submarine Cable								
Explanation : Submarine Cable Conductors Are Failing Due To Age And Need To Be Replaced								
Wiring								
Generic	100%	Now	$324,500	2027	$1,081,700			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Counterweight Pits								
Explanation : Conduit And Conduit Supports Are Corroded. Junction Boxes And Pull Boxes Are Missing Covers.								
Stand-by Power								

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DEPARTMENT OF TRANSPORTATION - 841
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER
Asset # : 2469

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Stand-by Power								
Generator								
Diesel	100%			2049	* *			
Traffic System Electrical								
Traffic Signal								
Generic	100%			2024	$181,000	1	$1,900	
Lighting								
Lighting Devices								
Generic	100%	Now	$25,800	2027	$86,100			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Toe Of Both Spans, Various								
Explanation : Northeast Navigation Light Broken. Service Lighting Needs Relamping At Various Locations. Some Fixtures Not Operational.								

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Counter Weight								
Generic	100%	0-2	$221,300	2044	* *			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : North And South Counterweights								
Explanation : Corroded Steel								
Emergency Drive								
Emergency Power	100%	Now	$9,900	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Emergency Generator								
Explanation : No Operation On Emergency Power Observed. Need To Make Repairs. Possible Exhaust Leak.								
Fuel Tanks								
Generic	100%	2-4	$3,000	2034	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Southwest Corner								
Explanation : Generator Fuel Tank Shows Moderate Surface Rusting.								
Houses								
Control House	100%	Now	$28,900	2044	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Control And Tenders House								
Explanation : There Are Some Window And Roof Leaks. Some Locks Need Repair. Water Main Needed Repair.								
HVAC	100%			2032	* *			
Machinery Room	100%	Now	$15,800	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Machinery Room								
Explanation : Corroded Grating.								

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DEPARTMENT OF TRANSPORTATION - 841
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER
Asset # : 2469

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Lock Bars								
With Motor	100%	Now	$47,100	2032	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Lock Bars On Pier								
Explanation : Some Corrosion, Torn Protective Covers. Repairs Required.								
Without Motor	100%	Now	$47,100	2032	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Jaw And Pin Locks								
Explanation : Automatic Engagement Not Functioning. Needs To Be Manually Engaged. Some Corrosion. Some Repairs Required.								
Main Drive System								
Generic	100%	Now	$579,100	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : South And North Machine Rooms								
Explanation : Missing Over Speed Chain, Corrosion And Lubricant Leakage. Broken Gauges. Misaligned Couplings. Repairs Needed.								
Rack								
Generic	100%	Now	$18,200	2044	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Southeast Rack								
Explanation : One Missing Or Broken Mounting Bolt Noted. Corroded Debris Shield.								
Structural Bearings								
Generic	100%	Now	$58,400	2032	* *			
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Forward Live Load Bearings								
Explanation : Heavy Corrosion On Some Of The Anchor Bolts. Some Movement And Adjustment May Be Necessary.								
Track								
Generic	100%	4+	$121,600	2044	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Tracks								
Explanation : Corrosion And Paint Failure On Some Bolts.								
Traffic Devices								
Barrier Gate	100%	Now	$213,000	2032	* *			
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Barrier Gates								
Explanation : Adjustments Required. Some Latches Do Not Function, Missing Or Broken Hardware. Crack in Arms.								
Warning Gate	100%	Now	$79,300	2032	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Warning Gates								
Explanation : Some Gate Heights Need Adjustment. Some Open Holes. One Gate Not Working. Gate Repairs Needed.								

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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	:	**05-Feb-2018**	**Landmark Status**	:	**NONE**
Areas Surveyed	:				
Block	:	**Lot** :	**BIN**	:	**2240639**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$4,493,200	$2,435,100
Bridge Electrical	$85,000	$299,300
Bridge Mechanical	$3,120,300	
Total	**$7,698,500**	**$2,734,400**
Importance Code A	$1,008,700	$1,214,800
Importance Code B	$6,259,900	$1,519,600
Importance Code C	$429,900	
Total	**$7,698,500**	**$2,734,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$19,400		$231,100	$25,900
Bridge Electrical	$31,100	$10,900	$10,900	$10,900
Bridge Mechanical	$55,000		$116,700	
Total	**$105,500**	**$10,900**	**$358,800**	**$36,800**
Importance Code A			$108,700	$2,300
Importance Code B	$105,300	$10,900	$250,100	$10,900
Importance Code C	$200			$23,600
Total	**$105,500**	**$10,900**	**$358,800**	**$36,800**

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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Asset # : 2476

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Beginning And End Abutments								
Explanation : Enclosed Cell And Access Door Is Locked.								
Backwall								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Beginning And End Abutments								
Explanation : Enclosed Cell And Access Door Is Locked.								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Beginning And End Abutments								
Explanation : Enclosed Cell And Access Door Is Locked.								
Footings								
Not Accessible	100%							
Joint with Deck								
Composite	50%			LIFE		* *		
Composite	50%	0-2	$11,400	LIFE		* *		
Cracks, Extent : Severe, Area Affected : 50%								
Location : Beginning And End Abutments								
Leakage, Extent : Moderate, Area Affected : 50%								
Location : Beginning And End Abutments								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Beginning And End Abutments								
Explanation : Enclosed Cell And Access Door Is Locked.								
Stem (breastwall)								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Beginning And End Abutments								
Explanation : Enclosed Cell And Access Door Is Locked.								
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	95%			LIFE		* *		
Concrete	5%	4+	$197,500	LIFE		* *		
Cracks, Extent : Light, Area Affected : 10%								
Location : End Abutment								
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		
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	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Under Span 27								
Explanation : Concrete Protection Is Located At The Bridge Site.								
Timber	100%			2039	* *			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	5%	Now	$882,500	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 25%								
Location : Bascule Piers 25 And 26								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Bascule Piers 25 And 26								
Explanation : West Side 1 Of 2 Dolphin Clusters At 2 Locations Have Been Hit And Are Leaning.								
Timber	95%	4+	$1,676,800	LIFE	* *			
Split/Dry/Cracked, Extent : Light, Area Affected : 2%								
Location : Bascule Piers 26 And 27								
Approaches								
Pavement								
Asphalt	100%	0-2	$36,000	2034	* *	4	$11,500	
Other Observation, Extent : Light, Area Affected : 20%								
Location : End Approach								
Explanation : Pavement Shoving And Rutting								
Concrete	100%			2044	* *	4		
Guide Railing								
Concrete	100%			2044	* *	4	$4,600	
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	$298,700	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Piers 18 Through 24 And 27 Through 30 And 33								
Delaminations, Extent : Moderate, Area Affected : 25%								
Location : Piers 19 - 24 And 27 - 30								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Piers 19 - 24 And 27 - 30								
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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier								
Concrete	98%			LIFE	* *			
Concrete	2%	4+	$7,800	LIFE	* *			
Cracks, Extent : Light, Area Affected : 25%								
Location : Pier 9 West								
Spalling, Extent : Light, Area Affected : 2%								
Location : Pier 40 West Corner								
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%			2049	* *			
Median								
Concrete	100%			LIFE	* *	5	$75,600	
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$8,000	
Sidewalks								
Concrete	100%			2039	* *	5	$41,100	
Wearing Surface								
Concrete	5%	Now	$100	2044	* *	5	$3,000	
Broken,Missing Pave, Extent : Severe, Area Affected : 5%								
Location : Spans 31, 32 And 33 East Side Roadway								
Spalling, Extent : Severe, Area Affected : 2%								
Location : Spans 31, 32 And 33 East Side Roadway								
Concrete	5%	2-4	$100	2042	* *	5	$3,000	
Cracks, Extent : Moderate, Area Affected : 3%								
Location : Spans 31, 32 And 33 East Side Roadway								
Delaminations, Extent : Light, Area Affected : 2%								
Location : Spans 31, 32 And 33 East Side Roadway								
Concrete	90%			2044	* *	5	$6,000	
Superstructure								
Deck,Structural								
Concrete	100%	4+	$760,500	LIFE	* *	5	$79,200	
Cracks, Extent : Moderate, Area Affected : 75%								
Location : Spans 25 And 27								
Grating w/ Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Span 26								
Explanation : Only Span 26								

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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Asset # : 2476

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Composite	85%	4+	$104,400	LIFE	* *	4	$841,100	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Piers 8, 12, 15, 18, 19, 20, 27 And 36								
Explanation : Water Leakage Noted Below Joints								
Composite	15%	Now	$92,100	LIFE	* *	4	$841,100	
Leakage, Extent : Moderate, Area Affected : 100%								
Location : Piers 2, 5, 9, 33, 39, 40 And 43								
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Piers 2, 5, 9, 33, 39, 40 And 43								
Explanation : Torn And Cracked Sealer								
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	* *			
Steel	100%			LIFE	* *	2-8	$1,979,800	
Secondary Member								
Steel	100%	Now	$196,600	LIFE	* *	2-8	$1,658,400	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Span 30								
Explanation : Cross Bracing Missing 4 Of 4 Connection Rivets.								
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	* *			
Steel	10%	4+	$170,300	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Piers 25 And 26								
Explanation : Steel Towers Exhibit Corrosion.								
Bascule Span Pier								
Concrete	90%			LIFE	* *			
Concrete	10%	0-2	$77,900	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Bascule Piers 25 And 26								
Explanation : Median Stringers 6 And 7 Pedestal Exhibit Spalls With Exposed Anchor Bolts.								

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%	Now	$1,500	2027	$15,400			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Random Throughout Bridge								
Explanation : Intercom System Not Functioning								
Telephone								
Desk Top	100%			2027				

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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Asset # : 2476

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Jack								
Telephone	100%			2027				
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	$85,000	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 25%								
Location : Control Desk Span Position Meters Not Functioning								
Control Devices								
Relay	80%			2034	* *			
Relay	20%			2042	* *			
Disconnect Switch								
Non Fused	100%			2042	* *	1	$49,400	
Limit Switch								
Generic	70%	Now	$4,400	2042	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Southwest Seated Switch								
Explanation : Southwest Fully Seated Switch Is Failed								
Generic	30%			2042	* *			
Drive								
Machinery Brake								
Thruster	100%			2039	* *	1	$2,300	
Motor Brake								
Thruster	100%			2039	* *	1	$2,300	
Span Lock Motor								
Generic	100%			2039	* *	1	$2,300	
Electrical Power								
MCC								
Starter	100%			2027				
Contactors	75%			2027				
Contactors	25%			2042	* *			
Motor Circuit Protector	100%			2027	$19,400	1	$4,500	
Panelboard								
Circuit Breaker	100%			2034	* *	1	$13,500	
Service Equipment								
Fused Disc Switch	100%			2034	* *			
Transfer Switch								
Auto	100%	Now	$10,800	2042	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Bridge House								
Explanation : Transfer Switch Not Functioning								
Exterior Lighting								
Lighting Contactor								
Generic	100%			2042	* *	1	$5,600	
Lighting Fixture								
HID	100%			2027				
Pole								
Aluminum	100%			2030				

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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Asset # : 2476

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground/Lightning Protection								
Ground Bus								
Not Accessible	100%							
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2030				
Not Accessible	100%							
Interior Lighting								
Lighting Fixture								
Fluorescent	100%			2030	$3,500	1	$9,000	
HID	100%	4+	$1,700	2030	$3,500			
Broken/Missing Elements, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout Bridge								
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout Bridge								
Explanation : Service Lighting Fixtures Not Working								
Incandescent	100%	4+	$1,700	2027	$3,500			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Random Locations Throughout								
Explanation : Service Lighting Fixtures Not Working								
Wiring Device								
Generic	100%			2029				
Raceway								
Box								
Pull Junction	100%			2029		1	$13,500	
Terminal	100%			2029		1	$4,500	
Conduit								
Metal	50%			2057	* *			
Metal	50%			2044	* *			
Submarine Control Cables								
Control	100%			2027				
Submarine Power Cable								
Power	100%			2027				
Wires								
Cloth	100%			2028	$189,000			
Thermoplastic	100%			2042	* *			
Span Lock								
Motor								
Squirrel Cage	100%			2032	* *			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2027		1	$1,100	
Traffic Gate Lighting								
Incandescent	100%			2027		1	$1,100	
Traffic Gong								
Generic	100%			2027		1	$600	

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DEPARTMENT OF TRANSPORTATION - 841
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK
Asset # : 2476

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Traffic System Electrical								
Traffic Sign								
Fixed	100%			2027				
Lighting								
Lighting Devices								
Generic	100%			2030	$110,300			

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
Bascule								
Counter Weight								
Generic	100%	Now	$115,400	2044	* *	2	$71,800	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Counterweights								
Explanation : Some Open Pockets								
Emergency Drive								
Emergency Power	100%	Now	$121,600	2044	* *	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	2034	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Control House								
Explanation : Reported No Longer Used, Should Be Drained								
Houses								
Access Ways	100%	Now	$27,100	2032	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Accessways								
Explanation : Some Grating, Hatches, Safety Chains, And Doors Loose, Missing Or Need Repair.								
Control House	100%	Now	$106,200	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Control House								
Explanation : Some Doors And Windows Need Repair. Heating System And Plumbing Needs Work.								
Machinery Room	100%	Now	$73,200	2044	* *			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Machine Rooms								
Explanation : Some Doors And Enclosure Panels Need Repair. Some Water And Oil On Floor.								
Lock Bars								
With Motor	100%	Now	$296,100	2032	* *	2	$35,900	
Other Observation, Extent : Severe, Area Affected : 35%								
Location : Lock Bars								
Explanation : Lockbar Clearances Need To Be Reduced. Leakage, Corrosion, Damaged Or Missing Parts.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Main Drive System								
Generic	100%	Now	$475,400	2032	* *	2	$215,500	
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Machine Rooms								
Explanation : Minor Leaks. Components Are Corroding. Some Repairs Needed.								
Rack								
Generic	100%	Now	$190,200	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Racks								
Explanation : Supports And Fasteners Have Some Moderate To Severe Corrosion.								
Structural Bearings								
Generic	100%	Now	$1,200	2032	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Rear Live Load Bearings								
Explanation : Corrosion Noted On Some Sides And Fasteners. Adjustments May Be Required With Lock Adjustment.								
Traffic Devices								
Barrier Gate	100%	Now	$1,316,300	2032	* *			
Other Observation, Extent : Severe, Area Affected : 35%								
Location : Barrier Gates								
Explanation : All Gates Not Functioning. Southeast Net Missing. Repairs And Adjustments Needed.								
Warning Gate	100%	Now	$26,400	2032	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Warning Gates								
Explanation : Some Gates Missing Hardware And Work Required. North Sidewalk Gate Missing.								
Trunnion								
Generic	100%	Now	$426,000	2044	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Trunnion Assemblies								
Explanation : Debris And Moderate Corrosion On Exteriors Of Trunnion Assemblies.								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$646,500	$932,300
Total	**$646,500**	**$932,300**
Importance Code A	$586,800	$356,400
Importance Code B		$214,800
Importance Code C	$59,700	$361,100
Total	**$646,500**	**$932,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$118,400	$2,800	$51,400	
Total	**$118,400**	**$2,800**	**$51,400**	
Importance Code A	$43,000		$29,800	
Importance Code B	$5,100		$21,500	
Importance Code C	$70,300	$2,800		
Total	**$118,400**	**$2,800**	**$51,400**	

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
RAMP TO MADISON AVE. BRIDGE OVER E 138TH STREET
Asset # : 4210

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$531,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Spalls With Exposed Rebar At Southwest Wall At Pier								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Both Fascias								
Explanation : Cellular Abutment Wall								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE	* *			
Concrete	10%	4+	$59,700	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Spalls With Exposed Rebar At Southeast Wingwall At Pier Joint And Along Southwest Wingwall								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%			2036	* *			4
Other Observation, Extent : Light, Area Affected : 100%								
Location : At End Of Concrete Approach Slabs								
Explanation : Asphalt Expansion Joint Between Rigid Pavement And Approach Slab								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
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	
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8		
Other Observation, Extent : Light, Area Affected : 100%								
Location : Top Of Concrete Barrier								
Explanation : Steel Railing								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	$31,600	2036	* *	4	$17,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	100%	4+	$5,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$180,200	
Pier,Columns								
Concrete Encased Steel	95%			LIFE	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Pier 2								
Explanation : Joint Leaking And Water Stains								
Concrete Encased Steel	5%	4+		LIFE	* *	5	$200	
Spalling, Extent : Light, Area Affected : 5%								
Location : Corrosion To Steel Protective Angles And Delamination / Spall Of Concrete Cover								
Stem,Solid Pier								
Concrete	95%			LIFE	* *			
Concrete	5%	4+	$5,100	LIFE	* *			
Leakage, Extent : Light, Area Affected : 10%								
Location : Both Ends At Pier 5								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	* *			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
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.
*** 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		
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+	$9,800	2040	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5	$3,500	
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$13,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Railings Are On East Side Of Bridge								
Sidewalks								
Concrete	100%			2032	* *	5	$5,600	
Wearing Surface								
Asphalt	100%	4+	$29,800	2028	$297,800	5	$14,600	
Cracks, Extent : Moderate, Area Affected : 25%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 50%								
Location : Southbound Lane								
Explanation : Asphalt Wearing Surface On One Side Of The Lane Only								
Concrete	100%	4+	$34,400	2036	* *	5	$63,300	
Cracks, Extent : Light, Area Affected : 2%								
Location : Near End Abutment End								
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : 14 Scuppers								
Superstructure								
Deck,Structural								
Concrete	90%			LIFE	* *	5	$31,900	
Concrete	10%	4+	$55,200	LIFE	* *	5	$31,900	
Corrosion, Extent : Severe, Area Affected : 40%								
Location : Stay In Place Forms Under East And West Fascia Girders								
Joints								
Generic	95%			LIFE	* *			
Generic	5%	4+	$500	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Joint Filler Is Depressed								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
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	$401,200	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$336,100	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **31-Oct-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2240350**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$93,200	$5,362,400
Total	**$93,200**	**$5,362,400**
Importance Code A		$35,000
Importance Code C	$93,200	$5,327,400
Total	**$93,200**	**$5,362,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$224,500		$10,900	
Total	**$224,500**		**$10,900**	
Importance Code A	$49,700		$4,300	
Importance Code B	$22,800			
Importance Code C	$152,100		$6,700	
Total	**$224,500**		**$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

RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK

Asset # : 13517

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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								
Composite	100%	2-4	$22,800	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 40%								
Location : Both Abutments								
Explanation : Missing/ Damaged Seal								
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%	4+	$10,800	LIFE	* *			
Erosion, Extent : Moderate, Area Affected : 100%								
Location : Begin Abutment West Side								
Piles								
Not Accessible	100%							
Walls								
Concrete	7%	4+	$23,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout Both Abutments								
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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2029	$5,234,200	4	$178,700	
Concrete	100%	4+	$28,600	2037	* *	4	$32,100	
Cracks, Extent : Light, Area Affected : 5%								
Location : Both End Approaches								
Spalling, Extent : Light, Area Affected : 5%								
Location : Both End Approaches								
Curbs								
Concrete w/ Steel Face	28%	2-4	$15,700	LIFE	* *			
Spalling, Extent : Light, Area Affected : 10%								
Location : Both Approaches								
Concrete w/ Steel Face	72%			LIFE	* *			
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Steel	100%			LIFE	* *	2-8	$146,200	
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Median								
Concrete	100%			LIFE	* *	5		
Vegetation Growth, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%			2037	* *	4		
Steel	100%			LIFE	* *			
Sidewalks								
Concrete	5%	4+	$4,500	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Moderate, Area Affected : 5%								
Location : East And West Approach								
Concrete	95%			LIFE	* *			
Piers								
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								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
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+	$18,300	LIFE	* *			
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Guide Railing								
Concrete	100%			2041	* *			
Median								
Concrete	100%	4+	$10,100	LIFE	* *	5	$3,400	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Concrete	100%	4+	$5,600	2037	* *	4	$800	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Steel	100%			LIFE	* *	2-8	$12,900	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Explanation : Steel Railing On Top Of Parapet								
Sidewalks								
Concrete	90%	4+	$10,200	2033	* *	5	$6,700	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	10%			2033	* *	5	$13,300	
Wearing Surface								
Concrete	100%			2037	* *	5	$186,300	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Scupper								
Ductile Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$29,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Underside								
Explanation : Underside Not Accessible								
Joints								
Composite	80%	2-4	$15,200	LIFE	* *	4	$185,500	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Explanation : Missing/ Damaged Seal								
Composite	20%			LIFE	* *	4	$185,500	

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

RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK

Asset # : 13517

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL**
Address : **RIKERS ISL CHANNEL**
Borough : **QUEENS**
Program / Asset # : **DOT0052.000 / 2478**
Area Sq Ft : **183,419**
Date of Survey : **02-Sep-2015**
Areas Surveyed :
Block : **Lot** :

Agency's Number : **N/A**
Yr Built/Renovated : **1966 /**
Project Type : **WATERWAY BRIDGES**
Landmark Status : **NONE**
BIN : **2240660**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$1,624,200	$1,405,300
Total	**$1,624,200**	**$1,405,300**
Importance Code A	$711,800	$115,600
Importance Code C	$912,400	$1,289,700
Total	**$1,624,200**	**$1,405,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$26,700		$12,900	$3,600
Total	**$26,700**		**$12,900**	**$3,600**
Importance Code A	$8,400		$12,900	$1,300
Importance Code C	$18,300			$2,300
Total	**$26,700**		**$12,900**	**$3,600**

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

RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL

Asset # : 2478

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	$294,100	4	$4,600	
Asphalt	20%	2-4	$14,700	2028	$73,500	4	$4,600	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Pothole At Interface Of Begin Abutment								
Curbs								
Concrete w/ Steel Face	95%			LIFE	* *			
Concrete w/ Steel Face	5%	4+	$500	LIFE	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Throughout								
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		
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	$5,800	
Steel	25%	4+	$7,900	LIFE	* *	2-8	$5,800	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	90%			LIFE	* *			
Concrete	10%	4+	$3,600	LIFE	* *			
Spalling, Extent : Light, Area Affected : 10%								
Location : At Top Surface								
Vegetation Growth, Extent : Light, Area Affected : 2%								
Location : South Entrance								
Other Observation, Extent : Light, Area Affected : 2%								
Location : East Sidewalk								
Explanation : Water Main Utility								
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								
Guide Railing								
Steel	80%			LIFE	* *			
Steel	20%	4+	$88,200	LIFE	* *			
Rust Stains, Extent : Moderate, Area Affected : 15%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	70%			LIFE	* *	2-8	$175,900	
Steel	30%	4+	$623,500	LIFE	* *	2-8	$175,900	
Corrosion, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								

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

DEPARTMENT OF TRANSPORTATION - 841

RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL

Asset # : 2478

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	90%			2032	* *	5	$81,200	
Concrete	10%	4+	$126,700	2032	* *	5	$40,600	
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Various Locations								
Wearing Surface								
Concrete	90%			2036	* *	5	$840,900	
Concrete	10%	4+	$324,700	2036	* *	5	$420,500	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Transverse And Map Cracking Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random And At Deck Joints								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Only Spans 54 And 55 Were Observed From The Underside. Fatigue Prone Detail, Partial Length Cover Plates Noted.								
Secondary Member								
Not Accessible	100%							

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **18-Oct-2016**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2240507**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$4,818,600	$6,119,100
Total	**$4,818,600**	**$6,119,100**
Importance Code A	$1,463,300	$1,837,600
Importance Code B	$405,800	$3,345,400
Importance Code C	$2,949,500	$936,100
Total	**$4,818,600**	**$6,119,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$121,500		$527,700	
Total	**$121,500**		**$527,700**	
Importance Code A	$22,700		$168,700	
Importance Code B	$16,400		$335,500	
Importance Code C	$82,300		$23,500	
Total	**$121,500**		**$527,700**	

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
ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER
Asset # : 2573

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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+	$16,400	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 50%								
Location : At Begin Abutment								
Leakage, Extent : Moderate, Area Affected : 25%								
Location : Throughout								
Loose Elements, Extent : Light, Area Affected : 15%								
Location : Joint With Sidewalk								
Misaligned/Bulging, Extent : Moderate, Area Affected : 10%								
Location : End Abutment								
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								
Concrete	9%	4+	$10,400	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : East Abutment Both Wingwalls								
Vegetation Growth, Extent : Moderate, Area Affected : 10%								
Location : East Abutment South Wingwall								
Other Observation, Extent : Light, Area Affected : 50%								
Location : West Abutment Wingwalls								
Explanation : Area Fenced Off By M. T. A. And Other Private Properties								
Concrete	91%			LIFE	* *			
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
ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER
Asset # : 2573

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%	4+	$20,500	2029	$410,600	4	$5,800	
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Random Locations Throughout								
Settlement, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	100%	4+	$3,100	2037	* *	4	$5,400	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : East Approach								
Curbs								
Concrete	100%			LIFE	* *			
Concrete w/ Steel Face	100%	2-4	$12,500	LIFE	* *			
Settlement, Extent : Moderate, Area Affected : 50%								
Location : End Approach South Side								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2037	* *	4	$3,000	
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%	4+	$9,200	LIFE	* *			
Corrosion, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	75%	4+	$16,000	LIFE	* *			
Cracks, Extent : Light, Area Affected : 5%								
Location : Deteriorated Area More Severe On West Approach								
Settlement, Extent : Moderate, Area Affected : 20%								
Location : Deteriorated Area More Severe On West Approach								
Concrete	25%			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%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
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)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	100%			2041	* *			
Railings/Parapets								
Steel	50%			LIFE	* *	2-8	$14,700	
Corrosion, Extent : Light, Area Affected : 15%								
Location : Throughout								
Steel	50%			LIFE	* *	2-8	$14,700	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Side								
Explanation : Under Construction								
Sidewalks								
Concrete	50%	4+	$32,200	2033	* *	5	$23,500	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Concrete	50%			2033	* *	5	$47,000	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Side								
Explanation : Under Construction								
Wearing Surface								
Concrete	30%	4+	$178,100	2037	* *	5	$175,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Side								
Explanation : Under Construction								
Concrete	43%	Now	$2,552,900	2043	* *	5	$175,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Exposed Reinforcement, Extent : Moderate, Area Affected : 5%								
Location : Mid Span								
Spalling, Extent : Severe, Area Affected : 5%								
Location : Mid Span								
Concrete	27%			2037	* *	5	$350,300	
Scupper								
Ductile Iron	50%			LIFE	* *			
Ductile Iron	50%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Side								
Explanation : Under Construction								

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

DEPARTMENT OF TRANSPORTATION - 841

ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER

Asset # : 2573

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	30%			LIFE	* *	5	$83,200	
Other Observation, Extent : Light, Area Affected : 100%								
Location : North Side								
Explanation : Under Construction								
Concrete	70%	0-2	$1,260,700	LIFE	* *	5	$83,200	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations								
Leakage, Extent : Light, Area Affected : 5%								
Location : Random Locations								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Random Locations Throughout								
Explanation : Large Asphalt Patches								
Joints								
Generic	100%	0-2	$43,400	LIFE	* *			
Joints Missing, Extent : Light, Area Affected : 40%								
Location : Scattered Throughout								
Misaligned/Bulging, Extent : Moderate, Area Affected : 20%								
Location : Scattered Locations Throughout								
Missing/Damaged Seal, Extent : Severe, Area Affected : 40%								
Location : Random Locations Throughout								
Primary Member								
Steel	2%	4+	$202,600	LIFE	* *	2-8	$1,560,700	
Corrosion, Extent : Light, Area Affected : 60%								
Location : Random Locations Throughout								
Steel	98%			LIFE	* *	2-8	$1,560,700	
Secondary Member								
Steel	58%	4+	$405,800	LIFE	* *	2-8	$2,617,200	
Corrosion, Extent : Light, Area Affected : 15%								
Location : Random Locations								
Loss of Section, Extent : Light, Area Affected : 10%								
Location : Random Locations								
Steel	42%			LIFE	* *	2-8	$2,617,200	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **16-Feb-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **2240640**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$839,700
Bridge Electrical		$35,100
Bridge Mechanical	$385,800	
Total	**$385,800**	**$874,700**
Importance Code A		$387,200
Importance Code B	$385,800	$427,900
Importance Code C		$59,600
Total	**$385,800**	**$874,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$13,300		$80,100	
Bridge Electrical	$9,000			
Bridge Mechanical	$109,500			
Total	**$131,800**		**$80,100**	
Importance Code A			$40,700	
Importance Code B	$118,500		$39,400	
Importance Code C	$13,300			
Total	**$131,800**		**$80,100**	

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		
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	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : End Abutment Only.								
Explanation : Backwall Only At End Abutment.								
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%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : End Abutment Only								
Explanation : End Abutment Only								
Walls								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : End Approach Only.								
Explanation : Wingwall Is At The End Approach Only.								
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	* *			
Sheet Piling	100%			LIFE	* *			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 2%								
Location : Pier 3								
Approaches								

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

DEPARTMENT OF TRANSPORTATION - 841

ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD

Asset # : 2477

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2033	* *	4	$33,200	
Other Observation, Extent : Light, Area Affected : 1%								
Location : End Approach								
Explanation : End Approach Asphalt.								
Concrete	100%			2042	* *	4		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Begin Approach.								
Explanation : Concrete Approach Pavement.								
Curbs								
Steel	100%			LIFE	* *			
Guide Railing								
Concrete	100%			2042	* *	4		
Sidewalks								
Concrete	100%			LIFE	* *			
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 5 Only.								
Explanation : Pier 5 Concrete Capbeam Only.								
Steel	100%			LIFE	* *	2-8	$59,000	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 6 And 7 Only.								
Explanation : Steel Capbeam At Piers 6 And 7 Only.								
Pier,Columns								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 5 Only.								
Explanation : Concrete Columns								
Steel	100%			LIFE	* *	2-8	$89,800	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 6 And 7 Only.								
Explanation : Steel Columns.								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1, 2, 3, 4 And 5.								
Explanation : Solid Conrete Piers								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$9,600	
Footings								
Not Accessible	100%							
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

ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD

Asset # : 2477

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1, 2, 3, 4 And 5.								
Explanation : Concrete Pedestal								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 6 And 7.								
Explanation : Steel Pedestal.								
Deck Elements								
Curbs								
Steel	100%			LIFE	* *			
Gratings								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 2, 3 And 4.								
Explanation : Steel Grating On Sidewalk.								
Guide Railing								
Steel	100%			LIFE	* *			
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$39,800	
Sidewalks								
Concrete	100%			2037	* *	5		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 2, 4 Through 8.								
Explanation : Concrete Sidewalk.								
Steel	100%			2055	* *	2-8		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 3								
Explanation : Steel Plate On Top Of Conrete Filled Grating								
Wearing Surface								
Asphalt	100%	Now	$2,300	2033	* *	5	$10,100	
Broken,Missing Pave, Extent : Moderate, Area Affected : 10%								
Location : Spans 1, 5 And 7								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 5 Through 8.								
Explanation : Asphalt Wearing Surface.								
Steel Grating	100%			LIFE	* *	5	$59,600	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 3.								
Explanation : Steel Grating								
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

ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD

Asset # : 2477

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Grating w/ Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1, 2, 4 Through 8								
Explanation : Concrete Filled Grating								
Steel Grating	100%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 3.								
Explanation : Steel Grating Deck.								
Joints								
Steel Finger Joints	100%			2064	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 3								
Explanation : Steel Finger Joint								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$675,600	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$565,900	
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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%			2029	$35,100			
Control System Electrical								
Control Console								
Stainless Steel	100%			LIFE	* *			
Disconnect Switch								
Non Fused	100%			2049	* *			
Limit Switch								
Lever	100%	Now	$900	2029	$18,500			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Random Corners Not Indicating								
Explanation : Fully Seated Switches Sticking.								
Local Starter								
Magnetic	100%			2049	* *			
Ground/Lightning Protection								

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

DEPARTMENT OF TRANSPORTATION - 841
ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD
Asset # : 2477

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2034	* *			
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2034	* *			
Lightning Terminals								
Not Accessible	100%							
Raceway								
Wiring								
Generic	100%			2034	* *			
Stand-by Power								
Generator								
Diesel	100%	Now	$8,100	2049	* *			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Back Up Generator House In Queens								
Explanation : Generator Does Not Start. Needs Repair.								
Transfer Switch								
Auto	100%			2049	* *			
Traffic System Electrical								
Traffic Signal								
Generic	100%			2029				
Lighting								
Lighting Devices								
Generic	100%			2034	* *			

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
Vertical Lift								
Buffers								
Generic	100%			2044	* *			
Counter Weight Ropes & Gu								
Generic	100%	Now	$17,700	2069	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Guide Rails								
Explanation : Some Dry Spots On Ropes And Rails. Contractor In Process Of Adding Lube.								
Counter Weight								
Auxiliary CTRWT	100%			2069	* *			
Main CTRWT	100%	0-2	$62,400	2069	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Top								
Explanation : Pigeon Droppings On And Around Top.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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DEPARTMENT OF TRANSPORTATION - 841

ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD

Asset # : 2477

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Elevators								
Generic	100%	Now	$240,200	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : East And West Towers								
Explanation : No Operation Was Observed. Elevators Reported Not To Work.								
Emergency Drive								
Emergency Power	100%	Now	$21,800	2069	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Machinery And Generator Rooms								
Explanation : No Operation Observed. Actuator Mount May Require Adjustment. Generator Reported Not To Be Working								
End Locks								
With Motor	100%	Now	$19,000	2069	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Tower Piers								
Explanation : End Locks Not Accessible. Some Corrosion Observed From Roadway.								
Fuel Tanks								
Generic	100%	Now	$300	2049	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Fuel Tank/ Generator Room								
Explanation : Wire Harness Is Loose At Top Of Fitting. Some Areas Of Tank And Frame Do Not Bear On Concrete								
Houses								
Access Ways	20%	Now	$7,100	2044	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Access To Locks								
Explanation : Accessway Hatch To Lock Platforms Problematic. Repairs Needed.								
Access Ways	80%	Now	$28,400	2044	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Tower Accessways								
Explanation : Tops Of Tower Accessways Covered In Pigeon Droppings. Corroded Grating And Missing Safety Chains At Some Access Points.								
Control House	100%	Now	$15,300	2069	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Control House								
Explanation : Fire Alarm Reported Not To Be Working								
Main Drive System								
Generic	30%	Now	$47,600	2069	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Machinery Rooms								
Explanation : Minor Lubricant Leakage. Loose Inspection Cover Bolt. Brakes May Require Adjustment. Slight Rubbing Of Covers.								
Generic	70%			2069	* *			

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DEPARTMENT OF TRANSPORTATION - 841

ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD

Asset # : 2477

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Sheaves								
Generic	100%			2069	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Sheaves								
Explanation : Sheaves Make Noise During Operation. Noise Should Be Monitored On All Sheaves.								
Structural Bearings								
Generic	100%	Now	$600	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Expansion Live Load Bearings								
Explanation : One Expansion Bearing Rocker Observed To Be Frozen In A Slightly Tilted Position.								
Traffic Devices								
Barrier Gate	100%	Now	$34,700	2044	* *			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Barrier Gates								
Explanation : Missing Gate Arm Locking Latches On Housings. Some Adjustments Required.								
Warning Gate	100%			2044	* *			

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **28-Nov-2017**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **224006A**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$50,600	$329,000
Total	**$50,600**	**$329,000**
Importance Code A	$50,600	$109,900
Importance Code B		$109,900
Importance Code C		$109,300
Total	**$50,600**	**$329,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$23,500	$6,700	$22,000	$31,600
Total	**$23,500**	**$6,700**	**$22,000**	**$31,600**
Importance Code A		$6,700	$11,000	
Importance Code B			$11,000	
Importance Code C	$23,500			$31,600
Total	**$23,500**	**$6,700**	**$22,000**	**$31,600**

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
THIRD AVE. BRIDGE RAMP TO BRUCKNER BLVD/RELIEF
Asset # : 4320

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Backwall								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2049	* *			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	69%	4+	$8,200	LIFE	* *			
Cracks, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Concrete	31%			LIFE	* *			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%	4+	$5,500	2030	$109,300	4	$1,900	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Concrete	100%	4+	$9,800	2038	* *	4	$21,300	
Cracks, Extent : Light, Area Affected : 4%								
Location : End Approach Slab								
Curbs								
Concrete w/ Steel Face	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2038	* *	4	$5,300	
Piers								

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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
THIRD AVE. BRIDGE RAMP TO BRUCKNER BLVD/RELIEF
Asset # : 4320

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Pier,Columns								
Concrete	100%			LIFE	* *			
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2049	* *			
Footings								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Mono Deck Surface								
Concrete	100%			2049	* *	5	$63,200	
Railings/Parapets								
Concrete	100%			2038	* *	4	$14,700	
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Total Of 5 Scuppers								
Superstructure								
Deck,Structural								
Concrete	100%	4+	$50,600	LIFE	* *	5	$14,600	
Efflorescence, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Other Observation, Extent : Light, Area Affected : 100%								
Location : All Spans, Except At Deck Overhangs								
Explanation : Stay-In-Place Forms Used With Concrete Deck								
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$205,200	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$171,900	

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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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	:	**14-Feb-2018**	**Landmark Status**	:	**NONE**
Areas Surveyed	:				
Block	:	**Lot** :	**BIN**	:	**2240069**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$289,500	$1,977,300
Bridge Electrical		$248,700
Total	**$289,500**	**$2,226,100**
Importance Code A		$944,800
Importance Code B		$1,039,600
Importance Code C	$289,500	$241,800
Total	**$289,500**	**$2,226,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$17,400		$166,800	$26,500
Bridge Electrical	$3,800	$1,200	$1,200	$1,200
Bridge Mechanical	$68,300			
Total	**$89,500**	**$1,200**	**$168,000**	**$27,700**
Importance Code A			$87,500	$3,400
Importance Code B	$72,100	$1,200	$80,500	$1,200
Importance Code C	$17,400			$23,100
Total	**$89,500**	**$1,200**	**$168,000**	**$27,700**

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Estimates are rounded to the nearest hundred dollars.
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*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER
Asset # : 4319

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Backwall								
Concrete	100%	2-4	$17,400	LIFE	* *			
Spalling, Extent : Light, Area Affected : 1%								
Location : Beginning Abutment								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2059	* *			
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%			2044	* *	4	$46,100	
Embankment								
Earth	100%			LIFE	* *			
Generic	100%			LIFE	* *			
Guide Railing								
Concrete	100%			2044	* *	4	$6,900	
Steel	100%			LIFE	* *	2-8	$18,700	

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		
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	* *			
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	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Pier 2								
Explanation : Crash Wall Removed During Rehabilitation								
Deck Elements								
Guide Railing								
Concrete	100%			2049	* *			
Steel	100%			LIFE	* *			
Mono Deck Surface								
Concrete	100%			2059	* *	5	$220,800	
Railings/Parapets								
Steel	100%			LIFE	* *	2-8	$215,400	
Sidewalks								
Concrete	100%	4+	$47,700	2039	* *	5	$15,700	
Cracks, Extent : Moderate, Area Affected : 10%								
Location : Spans 1, 2, 4, 10 And 11								
Wearing Surface								
Concrete	100%			2044	* *	5	$262,700	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$83,200	
Joints								
Steel	100%			LIFE	* *			
Generic	100%			LIFE	* *			
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Span 8 Only								
Explanation : Span 8								
Steel	100%			LIFE	* *	2-8	$1,477,100	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$1,237,400	
Movable Bridges								

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

DEPARTMENT OF TRANSPORTATION - 841
THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER
Asset # : 4319

Bridge Structure	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 Bridges								
Swing Span Truss								
Steel	100%			LIFE	* *			
Swing Span Pivot Pier								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Pier 5								
Explanation : Pier 5 Exhibits Longitudinal Crack								

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%			2029	$15,400			
Telephone								
Desk Top	100%			2029				
Jack								
Telephone	100%			2029				
Control System Electrical								
Computer								
PLC	100%			2029	$26,400			
Control Console								
Stainless Steel	100%	Now	$1,900	LIFE	* *			
Broken/Missing Elements, Extent : Light, Area Affected : 10%								
Location : Control Desk								
Control Devices								
Relay	100%			2049	* *			
Disconnect Switch								
Non Fused	100%			2049	* *			
Limit Switch								
Lever	100%			2029	$3,700			
Rotary	100%			2029				
Local Starter								
Magnetic	100%			2049	* *			
Drive								
Grating Motor								
Generic	100%			2059	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Machine Room								
Explanation : Grating Motor Used In Place Of Main Motor.								
Machinery Brake								
Thruster	100%			2059	* *			
Motor Brake								
Thruster	100%			2059	* *			

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Maintenance $ are aggregated over a ten-year period. Site specific cost escalations are not included.
*** Replacement cost estimated to be beyond ten years is not included in this report.*

DEPARTMENT OF TRANSPORTATION - 841
THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER
Asset # : 4319

Bridge 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
Drive								
Span Lock Motor								
Generic	90%			2059	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Span Locks								
Explanation : Span Locks Used For End Lifts Description.								
Generic	10%	Now	$600	2059	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Span Locks								
Explanation : West End Lift Motor Junction Box Broken								
Wedge Motor								
Generic	100%			2059	* *			
Electrical Power								
MCC								
Generic	100%			2049	* *			
Panelboard								
Circuit Breaker	100%			2049	* *	1	$6,700	
Transfer Switch								
Auto	100%			2049	* *			
Transformer								
Dry	100%			2049	* *			
Exterior Lighting								
Lighting Contactor								
Generic	100%			2049	* *	1	$5,600	
Lighting Fixture								
HID	100%			2029	$6,700			
Spot Lighting								
Generic	100%			2029				
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2034	* *			
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2034	* *			
Interior Lighting								
Exit Lighting								
Battery Operated	100%			2034	* *			
Lighting Fixture								
Incandescent	100%			2029	$3,500			
Navigation Lighting								
Fender Lighting								
Incandescent	100%			2029	$9,300			
Pier Lighting								
Incandescent	100%			2029	$3,000			
Span Lighting								
Incandescent	100%			2029	$7,500			
Raceway								

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

DEPARTMENT OF TRANSPORTATION - 841
THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER
Asset # : 4319

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Raceway								
Box								
Pull Junction	100%			2039	* *			
Terminal	100%			2039	* *			
Conduit								
Metal	100%			2069	* *			
Submarine Control Cables								
Control	100%			2034	* *			
Submarine Power Cable								
Power	100%			2034	* *			
Trough								
Metal	100%			2069	* *			
Wires								
Thermoplastic	100%			2049	* *			
Span Lock								
Motor								
Squirrel Cage	100%			2044	* *			
Stand-by Power								
Transfer Switch								
Auto	100%			2049	* *			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2029	$15,600			
Traffic Gate Lighting								
Incandescent	100%			2029	$15,600			
Traffic Gong								
Generic	100%			2029	$8,000			
Traffic Sign								
Fixed	100%			2029				
Traffic Signal								
Generic	100%			2029	$248,700			

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								
Center Latch								
Generic	100%	Now	$3,700	2069	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Center Latchs								
Explanation : One Loose Limit Switch Arm								
Center Lift								
Generic	100%	Now	$24,300	2069	* *			
Other Observation, Extent : Severe, Area Affected : 2%								
Location : North And South Center Wedges								
Explanation : Minor Corrosion And Lubricant Leakage. One Limit Switch Not Installed.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Center Pivot								
Generic	100%			2069	* *			
Emergency Drive								
Not Accessible	100%							
End Lift								
Generic	100%	Now	$15,900	2069	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : East And West Rest Piers								
Explanation : Some Coverage Of Debris And Minor Corrosion. Some Repairs And Adjustments Needed.								
Fuel Tanks								
Generic	100%			2049	* *			
Houses								
Access Ways	100%	Now	$4,900	2069	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : East And West Rest Piers								
Explanation : Hatches At Rest Pier End Lift Need To Be Repaired								
Control House	100%	Now	$17,800	2069	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Bathroom								
Explanation : Bathroom Not Functioning. Floor Need Repair.								
Machinery Room	100%			2069	* *			
Main Drive System								
Generic	100%			2069	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Center Of Swing Span								
Explanation : Breathers Will Need To Be Changed Soon. Loose Covers, Minor Lube Leaks.								
Structural Bearings								
Generic	100%			2044	* *			
Traffic Devices								
Barrier Gate	100%	Now	$1,400	2044	* *			
Other Observation, Extent : Severe, Area Affected : 1%								
Location : East And West Barrier Gates								
Explanation : Loose Crash Gate Wire Anchor Base Nuts								
Warning Gate	75%			2044	* *			
Warning Gate	25%	Now	$300	2044	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : North West Gate								
Explanation : Bent Guy Wire Frame								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$3,393,200	$282,700
Bridge Electrical	$1,866,100	$1,212,300
Bridge Mechanical	$1,510,800	$5,232,400
Total	**$6,770,000**	**$6,727,500**
Importance Code A	$3,064,100	$51,400
Importance Code B	$3,706,000	$6,444,800
Importance Code C		$231,300
Total	**$6,770,000**	**$6,727,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$83,600	$3,700	$800	
Bridge Mechanical	$100,200			
Total	**$183,800**	**$3,700**	**$800**	
Importance Code A	$7,200		$800	
Importance Code B	$142,500			
Importance Code C	$34,100	$3,700		
Total	**$183,800**	**$3,700**	**$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		
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	$23,300	LIFE	* *			
Joints Missing, Extent : Moderate, Area Affected : 20%								
Location : Begin Abutment								
Leakage, Extent : Severe, Area Affected : 20%								
Location : At Begin Abutment Stem								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Stem (breastwall)								
Concrete	100%	4+	$146,100	LIFE	* *			
Cracking/Crumbling, Extent : Moderate, Area Affected : 15%								
Location : Begin Abutment								
Delaminations, Extent : Moderate, Area Affected : 5%								
Location : Begin Abutment								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Begin Abutment								
Walls								
Concrete	100%			LIFE	* *			
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	* *			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%	Now	$96,900	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 70%								
Location : Piers 8 And 9.								
Rotted, Extent : Severe, Area Affected : 50%								
Location : Piers 8 And 9.								
Approaches								
Pavement								
Asphalt	100%			2026	$231,300	4	$11,100	
Other Observation, Extent : Light, Area Affected : 100%								
Location : End Approach Only.								
Explanation : End Approach Only.								
Curbs								
Concrete	100%			LIFE	* *			
Concrete w/ Steel Face	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Left Side End Approach								
Explanation : Left Side End Approach								
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		
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	$154,300	LIFE	* *			
Leakage, Extent : Severe, Area Affected : 50%								
Location : At Cap Beam 1, 3, 5, 7, 10, 12, 14, 16								
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Cap Beams 12, 14, 16 Right Side								
Other Observation, Extent : Moderate, Area Affected : 1%								
Location : Piers 1, 3, 5, 7, 10, 12, 14, 16.								
Explanation : Cap Beams Spalling And Cracking								
Pier,Columns								
Concrete	70%			LIFE	* *			
Concrete	30%	0-2	$86,200	LIFE	* *			
Cracks, Extent : Moderate, Area Affected : 20%								
Location : Piers 1, 3, 7, 13, 14, And 16								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Piers 1, 3, 7, 13, 14, And 16								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Piers 1, 3, 7, 13, 14, And 16								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$8,000	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 7, 8, 9, 10 And 15.								
Explanation : Spans 7, 8, 9, 10 And 15.								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%	0-2	$6,000	LIFE	* *			
Erosion, Extent : Severe, Area Affected : 10%								
Location : Under Spans 10, 11, 12 And 14								
Pedestals								
Concrete	100%	0-2	$19,000	LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 9								
Explanation : Pier 8 And 9								
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		
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	$900	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Span 17 Left Side								
Explanation : Steel Plate Loose At End Abutment.								
Median								
Concrete	100%			LIFE	* *	5	$1,100	
Mono Deck Surface								
Concrete	90%			2035	* *	5	$26,600	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 6 - 8 And 10 - 12.								
Explanation : Spans 6 - 8 And 10 - 12.								
Concrete	10%	2-4	$1,500	2035	* *	5	$13,300	
Cracks, Extent : Moderate, Area Affected : 40%								
Location : Spans 6, 7, 8, 10 Through 12								
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Spans 6, 7, 8, 10 Through 12								
Explanation : Numerous Patched Potholes,								
Railings/Parapets								
Concrete	100%			2040	* *	4		
Steel	95%			LIFE	* *	2-8	$4,300	
Steel	5%	4+	$300	LIFE	* *	2-8	$4,300	
Corrosion, Extent : Moderate, Area Affected : 15%								
Location : Spans 8 And 10								
Sidewalks								
Asphalt	100%	Now	$1,000	2021	$4,800	4	$2,200	
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Span 9								
Explanation : Missing Asphalt Pavers.								
Concrete	90%			2030	$16,400	5	$600	
Concrete	10%	4+	$200	2030	$1,800	5	$300	
Cracks, Extent : Light, Area Affected : 40%								
Location : Spans 8, 13, 14, And 16.								
Wearing Surface								
Asphalt	90%			2026	$30,800	5	$6,000	
Asphalt	10%	0-2	$300	2030	$3,400	5	$3,000	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Spans 5 Left Side, Westbound.								
Explanation : Potholes And Uneven Asphalt Patches								
Superstructure								
Deck,Structural								
Concrete	100%	4+	$193,900	LIFE	* *	5	$6,700	
Spalling, Extent : Moderate, Area Affected : 25%								
Location : Spans 8, 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.
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*** 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		
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	$23,300	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 60%								
Location : Spans 1, 3, 5, 7, 10, 12, 14 And 16								
Leakage, Extent : Moderate, Area Affected : 75%								
Location : Spans 1, 3, 5, 7, 10, 12, 14 And 16								
Primary Member								
Concrete	70%			LIFE	* *	5	$25,700	
Concrete	30%	2-4	$383,000	LIFE	* *	5	$25,700	
Cracks, Extent : Moderate, Area Affected : 30%								
Location : Spans 1 Through 7 And 11 Through 17								
Exposed Reinforcement, Extent : Moderate, Area Affected : 20%								
Location : Spans 1 Through 7 And 11 Through 17								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Spans 1 Through 7 And 11 Through 17								
Secondary Member								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location :								
Explanation : Spans 8 And 10.								
Movable Bridges								
Bascule Span								
Steel	50%			LIFE	* *			
Steel	50%	2-4	$1,840,000	LIFE	* *			
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Span 9								
Explanation : Steel Section Loss And Corrosion Holes. Cracked Steel Grating Panel. Poor Condition Of Right Sidewalk.								
Bascule Span Pier								
Concrete	100%	2-4	$492,800	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Bascule Span Piers								
Explanation : Spalls And Cracks								

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	$36,900	2025	$36,900			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Numerous Locations								
Explanation : System Not Operational								
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.
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*** 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 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
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	$58,700	LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : On Console								
Explanation : Bridge Fully Open Indications Do Not Illuminate, Nameplates Barely Legible								
Disconnect Switch								
Generic	100%	4+	$40,100	2045	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Various								
Explanation : Disconnect Switches Are Not All Operable								
Limit Switch								
Generic	100%	0-2	$40,700	2045	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : East And West Leaves								
Explanation : Limit Switch Housing Severely Corroded								
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%	0-2	$477,600	2045	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Electrical Room								
Explanation : Not Osha Compliant, No Replacement Parts Available								
Raceway								
Submarine Control Cables								
Not Accessible	100%							
Wiring								
Generic	100%	0-2	$1,031,200	2030	$1,031,200			
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Various								
Explanation : Conduit Is Corroded. Wiring Is Damaged.								
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	$43,300	2025	$144,300			
Broken/Missing Elements, Extent : Moderate, Area Affected : 40%								
Location : Approaches								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Approaches								
Explanation : Some Bulbs Need Replacement								
Lighting								
Lighting Devices								
Generic	100%	Now	$51,600	2023	$86,100			
Other Observation, Extent : Moderate, Area Affected : 60%								
Location : Various								
Explanation : Various Service Lighting Fixtures Are Broken/ Missing								

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

DEPARTMENT OF TRANSPORTATION - 841
UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD
Asset # : 4244

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Counter Weight								
Generic	100%	Now	$27,300	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Counter Weights								
Explanation : Blocks On Top Of West Counter Weight Are Not Secured								
Emergency Drive								
Emergency Power	100%	Now	$5,500	2028	$109,500			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Auxiliary Drives								
Explanation : No Operation Observed. Need To Perform Maintenance, Repairs And Test Auxiliary Drive.								
Manual	100%	Now	$30,000	2028	$149,900			
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Manual Drive Components								
Explanation : No Operation Observed. Covered In Pigeon Droppings And Appears To Be Frozen								
Fuel Tanks								
Generic	100%	Now	$600	2030	$6,100			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Operators House								
Explanation : Slight Leakage Noted On Top Fittings, Bottom Not Accessible								
Houses								
Access Ways	80%	4+	$30,100	2028	$150,600			
Other Observation, Extent : Light, Area Affected : 75%								
Location : Span Drive Machinery								
Explanation : Mild Corrosion.								
Access Ways	20%	Now	$18,800	2028	$37,700			
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Center Locks								
Explanation : Corrosion Of Access Platforms And Covered In Pigeon Droppings.								
Control House	100%	Now	$28,900	2040	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Control And Tender Houses								
Explanation : Some Window Leak. Reported That Ac Unit Does Not Cool Room.								
Machinery Room	100%	Now	$7,900	2040	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Machinery Rooms								
Explanation : Some Broken Locks. Some Small Floor Panels Replaced With Plywood. Some Pigeon Droppings.								
Lock Bars								
With Motor	100%	Now	$241,400	2028	$482,900			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : Lock Bar Machinery								
Explanation : Not Accessible From Platform. Machinery Is Covered In Debris, Corroded And Is In Poor Condition. Some Binding								

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

DEPARTMENT OF TRANSPORTATION - 841

UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD

Asset # : 4244

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Main Drive System								
Generic	100%	Now	$361,200	2028	$3,611,600			
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Machinery Room								
Explanation : One Brake Not Functioning. Lubricant Leakage. Some Corrosion. Some Bolts Have Heavy Corrosion/ Loss								
Rack								
Generic	100%	2-4	$49,300	2040	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Racks								
Explanation : Some Corrosion								
Structural Bearings								
Not Accessible	100%							
Traffic Devices								
Barrier Gate	100%	Now	$170,400	2028	$426,000			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Barrier Gates								
Explanation : Some Latches Missing Or Not Functioning. Some Cracks On Gate Arm. Paint Required. One Bent Housing								
Warning Gate	100%	Now	$52,900	2028	$264,300			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Warning Gates								
Explanation : Some Broken/missing Hardware. Missing Covers On Open Holes. Painting Required								
Trunnion								
Generic	100%	Now	$586,700	2040	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Trunnions								
Explanation : Machinery Covered In Debris/ Corrosion. Reported That It Is Difficult To Grease. Missing Limit Switch Gear Bolt								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bridge Structure	$37,100	$1,017,100
Bridge Electrical	$1,883,700	$691,700
Bridge Mechanical	$143,700	$659,500
Total	**$2,064,400**	**$2,368,300**
Importance Code A		$183,200
Importance Code B	$2,027,400	$1,506,200
Importance Code C	$37,100	$678,900
Total	**$2,064,400**	**$2,368,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$25,400	$45,500	$35,200	$3,000
Bridge Electrical	$67,700			
Bridge Mechanical	$74,300		$9,000	
Total	**$167,400**	**$45,500**	**$44,200**	**$3,000**
Importance Code A	$5,700		$18,700	
Importance Code B	$161,600		$25,500	
Importance Code C	$100	$45,500		$3,000
Total	**$167,400**	**$45,500**	**$44,200**	**$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
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	$362,400			
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	85%			LIFE	* *			
Timber	15%	0-2	$19,600	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 20%								
Location : Pier 3								
Rotted, Extent : Moderate, Area Affected : 10%								
Location : Pier 3								
Split/Dry/Cracked, Extent : Moderate, Area Affected : 15%								
Location : Pier 3								
Approaches								
Pavement								
Concrete	100%			2034	* *	4	$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	
Damaged Railing, Extent : Moderate, Area Affected : 5%								
Location : Begin Right Approach								

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

DEPARTMENT OF TRANSPORTATION - 841
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	95%			LIFE	* *			
Concrete	5%	4+	$100	LIFE	* *			
Cracks, Extent : Light, Area Affected : 20%								
Location : Underside Of Sidewalk. Overhang And At Top.								
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Underside Of Sidewalk. Overhang.								
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Steel	100%			LIFE	* *	2-8		
Pier,Columns								
Steel	100%			LIFE	* *	2-8	$28,500	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Pier 1								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047	* *			
Steel	100%			LIFE	* *	2-8	$65,200	
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	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 1, 2, And 5.								
Explanation : Spans 1, 2, And 5.								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 2 And 3								
Explanation : Spans 2 And 3								
Guide Railing								
Steel	95%			LIFE	* *			
Steel	5%	4+	$2,200	LIFE	* *			
Damaged Railing, Extent : Moderate, Area Affected : 5%								
Location : Span 4 Left Side								
Mono Deck Surface								
Concrete	100%			2047	* *	5	$67,500	

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.
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DEPARTMENT OF TRANSPORTATION - 841
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Cast Iron	90%			LIFE	* *			
Cast Iron	5%	4+	$2,300	LIFE	* *			
Corrosion, Extent : Severe, Area Affected : 25%								
Location : Right Pedestrian Railing Spans 1- 5.								
Cast Iron	5%	Now	$900	LIFE	* *			
Broken/Missing Elements, Extent : Severe, Area Affected : 10%								
Location : Spans 2 And 5.								
Sidewalks								
Concrete	100%			2029	$183,000	5	$6,000	
Cracks, Extent : Light, Area Affected : 10%								
Location : Spans 1 And 5								
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Spans 1 And 5.								
Grating w/ Concrete	100%			2047	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Spans 3 And 4.								
Explanation : Spans 3 And 4.								
Wearing Surface								
Asphalt	100%			2025	$96,500	5	$1,900	
Concrete	100%			2034	* *	5	$74,100	
Recent Repair Evident, Extent : Light, Area Affected : 10%								
Location : Spans 3 And 4.								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$15,800	
Grating w/ Concrete	100%			LIFE	* *			
Joints								
Steel	100%			LIFE	* *			
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$289,500	
Corrosion, Extent : Moderate, Area Affected : 5%								
Location : Spans 1, 2 And 5								
Secondary Member								
Steel	100%			LIFE	* *	2-8	$242,500	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Spans 1, 2 And 5.								
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Spans 3 And 4.								
Explanation : Localized Corrosion With Section Loss In Primary And Secondary Members.								

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
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Movable Bridges								
Swing Span Pivot Pier								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Pier 3								
Explanation : Has Masonry Facade.								

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	$11,100	2021	$36,900			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Entire System								
Explanation : Not Functional.								
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	$30,300	2026	$606,400			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Motors 1 And 3								
Explanation : Motors 1 And 3 Not Operational.								
Raceway								
Collector Ring								
Metal	100%	2-4	$17,100	2029	$85,300			
Other Observation, Extent : Light, Area Affected : 20%								
Location : Rim Bearing Lower Level								
Explanation : Colletor Shoes Are Slightly Corroded								
Submarine Control Cables								
Control	100%			2021				
Wiring								
Generic	100%			2021	$1,597,300			
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	$7,100	2021	$142,200			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : All Gongs								
Explanation : Gongs Are Not Operational.								
Lighting								

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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
W 207 ST / UNIVERSITY HEIGHTS BR
Asset # : 4243

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Lighting Devices								
Generic	100%	Now	$2,100	2021	$107,200			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Entire System.								
Explanation : Several Lamps Missing Or Inoperative.								

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Center Latch								
Generic	100%	Now	$68,600	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	* *	2	$44,900	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Emergency Power								
Explanation : No Operation Observed.								
End Lift								
Generic	100%	4+	$75,100	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	$4,600	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+	$27,800	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	$197,600			
Barrier Gate	50%	Now	$19,800	2030	$197,600			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : East Approach								
Explanation : Gate Arms Needed To Be Manually Interlocked At Center								
Warning Gate	50%	Now	$13,200	2030	$132,100			
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Southeast And Southwest								
Explanation : Gates Are Not Lowering Fully. Concrete Missing Around Edge Of Base.								
Warning Gate	50%			2030	$132,100			

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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **24-Apr-2019**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2240620**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$124,700	$124,700
Bridge Mechanical	$269,200	
Total	**$393,900**	**$124,700**
Importance Code A	$124,700	$124,700
Importance Code B	$269,200	
Total	**$393,900**	**$124,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$62,700		$14,500	
Bridge Electrical	$1,900			
Bridge Mechanical	$8,500			
Total	**$73,200**		**$14,500**	
Importance Code A	$58,100		$14,500	
Importance Code B	$10,500			
Importance Code C	$4,600			
Total	**$73,200**		**$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

WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER

Asset # : 13872

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Stem (breastwall)								
Concrete	100%			LIFE	* *			
Steel	100%			LIFE	* *			
Wingwalls								
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Walls								
Concrete	100%			LIFE	* *			
Feature Crossed								
Bank Protection								
Masonry	100%	4+	$4,600	LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : East Side Of Bank								
Pier Protection								
Timber	100%			LIFE	* *			
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%			2034	* *	4		
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 8								
Explanation : Concrete Capbeam.								
Steel	100%			LIFE	* *	2-8		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1, 3, 4, And 6 Through 8.								
Explanation : Steel Capbeam								
Pier,Columns								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 8								
Explanation : Concrete Columns.								
Steel	100%			LIFE	* *	2-8		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1, 3 And 6 Through 8.								
Explanation : Steel Columns.								
Stem,Solid Pier								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 5 And 9.								
Explanation : Concrete Stem								

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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

WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER

Asset # : 13872

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	* *	2-8	$8,800	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1, 3 Through 8.								
Explanation : Steel Bearings.								
Mat (scour & erosion)								
Earth	97%			LIFE	* *			
Earth	3%	0-2	$400	LIFE	* *			
Erosion, Extent : Moderate, Area Affected : 5%								
Location : Span 10.								
Pedestals								
Concrete	100%			LIFE	* *			
Steel	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Piers 1, 3 And 5								
Explanation : Piles Inaccessible.								
Deck Elements								
Railings/Parapets								
Concrete	100%			2039	* *	4	$3,000	
Steel	100%			LIFE	* *	2-8	$13,300	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 Through 9.								
Explanation : Steel Rail And Fencing.								
Wearing Surface								
Concrete	100%			2043	* *	5		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$14,700	
Joints								
Steel	100%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 1%								
Location : All Spans								
Primary Member								
Steel	100%			LIFE	* *	2-8	$399,200	
Cracks, Extent : Light, Area Affected : 1%								
Location : Spans 1-5 Concrete Within Girders.								
Corrosion, Extent : Light, Area Affected : 1%								
Location : Scattered Locations To Spans 1-8 Girders.								
Delaminations, Extent : Light, Area Affected : 1%								
Location : Span 5, Girder 1, At Pier 5.								
Movable Bridges								

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DEPARTMENT OF TRANSPORTATION - 841
WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER
Asset # : 13872

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Movable Bridges								
Vertical Lift Span								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Girders And Floorbeams.								
Explanation : Minor Corrosion, Rust Staining And Painted Over Pitting.								
Vertical Lift Tower								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Steel Towers								
Explanation : Minor Corrosion, Rust Staining And Painted Over Pitting.								
Vertical Lift Pier								
Concrete	100%			LIFE	* *			

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Not Accessible	100%							
Control System Electrical								
Control Console								
Metal	100%	0-2	$1,900	2050	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Bridge Controls								
Explanation : East Seating Prolematic. Reuires Adjustment.								
Disconnect Switch								
Not Accessible	100%							
Limit Switch								
Generic	100%			2050	* *			
Electrical Power								
Dist Equip & Motor Controll								
Not Accessible	100%							
Raceway								
Submarine Power Cable								
Not Accessible	100%							
Wiring								
Generic	100%			2035	* *			
Lighting								
Lighting Devices								
Generic	100%			2035	* *			

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
Vertical Lift								

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DEPARTMENT OF TRANSPORTATION - 841

WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER

Asset # : 13872

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Counter Weight Ropes & Gu								
Generic	20%	Now	$211,100	2033	* *			
Other Observation, Extent : Moderate, Area Affected : 5%								
Location : Observed From Span And West Lower Level								
Explanation : Some Splay Shims Missing. One Cap Nut And Keeper Bolt Missing. Some Minor Corrosion And Paint Failure.								
Generic	80%			2033	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Counter Weight Ropes And Guides								
Explanation : Only Observed From Span Level.								
Counter Weight								
Main CTRWT	100%			2058	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Counter Weights								
Explanation : Only Observed From Span Level.								
Houses								
Access Ways	100%			2033	* *			
Other Observation, Extent : Severe, Area Affected : 90%								
Location : Accessways								
Explanation : Most Of The Accessways Were Not Accessible For Observations.								
Control House	100%	Now	$58,200	2045	* *			
Other Observation, Extent : Severe, Area Affected : 20%								
Location : Assistant Bridge Operator House								
Explanation : Advised Not To Enter Assistant Bridge Operator House Due To A Mold Condition. No Observations Made.								
Main Drive System								
Not Accessible	100%							
Sheaves								
Not Accessible	100%							
Traffic Devices								
Barrier Gate	100%	Now	$8,500	2033	* *			
Other Observation, Extent : Severe, Area Affected : 5%								
Location : Barrier Gates								
Explanation : Gate Latches Do Not Fully Engage When Closed. Gates Do Not Lock In The Open Position.								

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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **27-Nov-2017**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2066919**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$5,175,700	$10,881,600
Total	**$5,175,700**	**$10,881,600**
Importance Code A	$2,430,800	$2,733,300
Importance Code B	$868,600	$2,644,700
Importance Code C	$1,876,200	$5,503,700
Total	**$5,175,700**	**$10,881,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$113,400		$532,300	
Total	**$113,400**		**$532,300**	
Importance Code A	$10,500		$267,100	
Importance Code B			$265,200	
Importance Code C	$102,900			
Total	**$113,400**		**$532,300**	

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.
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DEPARTMENT OF TRANSPORTATION - 841

WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER

Asset # : 2441

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Stem (breastwall)								
Granite	75%			LIFE	* *			
Granite	25%	4+	$331,800	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Leakage, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Walls								
Granite	70%			LIFE	* *			
Granite	30%	4+	$78,400	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Leakage, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Feature Crossed								
Bank Protection								
Masonry	100%			LIFE	* *			
Riprap	100%			LIFE	* *			
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Asphalt	100%	4+	$29,200	2030	$1,458,600	4	$18,100	
Cracks, Extent : Moderate, Area Affected : 5%								
Location : Random Locations Throughout								
Embankment								
Earth	100%			LIFE	* *			
Guide Railing								
Concrete	100%	4+	$5,700	2038	* *	4	$4,600	
Spalling, Extent : Light, Area Affected : 15%								
Location : Throughout								
Steel	100%			LIFE	* *	2-8	$5,800	
Other Observation, Extent : Light, Area Affected : 100%								
Location : Right Side Of Beginning Approach								
Explanation : Steel On Right Side Of Beginning Approach								

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

DEPARTMENT OF TRANSPORTATION - 841

WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER

Asset # : 2441

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	100%	4+	$4,900	LIFE	* *	5	$900	
Cracks, Extent : Light, Area Affected : 30%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Railings/Parapets								
Steel	100%			LIFE	* *			
Rust Stains, Extent : Light, Area Affected : 40%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	90%			LIFE	* *			
Concrete	10%	4+	$300	LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Piers								
Cap Beam								
Masonry	100%			LIFE	* *			
Stem,Solid Pier								
Granite	90%			LIFE	* *			
Granite	10%	4+	$173,700	LIFE	* *			
Efflorescence, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Leakage, Extent : Light, Area Affected : 25%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
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								
Guide Railing								
Concrete	100%	4+	$145,800	2042	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Vegetation Growth, Extent : Light, Area Affected : 5%								
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.*

DEPARTMENT OF TRANSPORTATION - 841

WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER

Asset # : 2441

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Median								
Concrete	100%	4+	$102,400	LIFE	* *	5	$9,500	
Cracks, Extent : Light, Area Affected : 5%								
Location : Random Locations Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Random Locations Throughout								
Railings/Parapets								
Masonry	100%	4+	$149,600	2038	* *	5	$11,800	
Other Observation, Extent : Light, Area Affected : 15%								
Location : Random Locations Throughout								
Explanation : Spalling								
Steel	100%	4+	$36,800	LIFE	* *	2-8	$46,700	
Corrosion, Extent : Moderate, Area Affected : 40%								
Location : Random Locations Throughout								
Sidewalks								
Concrete	100%	4+	$16,200	2034	* *	5	$5,200	
Cracks, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Wearing Surface								
Asphalt	100%	4+	$30,200	2030	$1,512,100	5	$52,000	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Random Locations Throughout								
Explanation : Rutting								
Concrete	10%	0-2	$326,900	2025	$1,634,400	5	$423,300	
Spalling, Extent : Moderate, Area Affected : 30%								
Location : Random Locations Throughout								
Concrete	90%	Now	$1,470,900	2038	* *	5	$423,300	
Delaminations, Extent : Severe, Area Affected : 80%								
Location : Throughout								
Spalling, Extent : Severe, Area Affected : 40%								
Location : Random Locations Throughout								
Scupper								
Cast Iron	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Total Of 80 Scuppers								
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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Steel	70%			LIFE	* *			
Steel	30%	0-2	$27,000	LIFE	* *			
Broken/Missing Elements, Extent : Moderate, Area Affected : 2%								
Location : Random Locations Throughout								
Loose Joint Plates, Extent : Severe, Area Affected : 10%								
Location : Span 5 Westbound								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Span 5 Westbound								
Explanation : Joint Plate Banging Loud Under Tires Of Traffic And Cracks In The Concrete Headers, Random Locations Throughout								
Primary Member								
Steel	98%			LIFE	* *	2-8	$2,469,800	
Steel	2%	4+	$1,052,400	LIFE	* *	2-8	$2,469,800	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Random Locations Throughout								
Masonry: Stone	70%			LIFE	* *			
Masonry: Stone	30%	4+	$943,800	LIFE	* *			
Efflorescence, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Leakage, Extent : Moderate, Area Affected : 10%								
Location : Random Locations Throughout								
Secondary Member								
Steel	75%			LIFE	* *	2-8	$2,069,000	
Steel	25%	2-4	$363,200	LIFE	* *	2-8	$2,069,000	
Corrosion, Extent : Light, Area Affected : 20%								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **22-Nov-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	: **224005A**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$622,200
Total		**$622,200**
Importance Code A		$345,700
Importance Code B		$276,400
Total		**$622,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure		$14,200	$62,400	$7,400
Total		**$14,200**	**$62,400**	**$7,400**
Importance Code A		$14,200	$34,700	
Importance Code B			$27,700	
Importance Code C				$7,400
Total		**$14,200**	**$62,400**	**$7,400**

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
WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE
Asset # : 4240

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	* *			
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								
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Approaches								
Pavement								
Concrete	100%			2042	* *	4		
Embankment								
Earth	100%			LIFE	* *			
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Railings/Parapets								
Concrete	100%			2042	* *	4		
Piers								
Cap Beam								
Steel	100%			LIFE	* *	2-8	$160,200	
Pier,Columns								
Concrete	100%			LIFE	* *			
Stem,Solid Pier								
Masonry	100%			LIFE	* *			
Brngs,Ancr Blts,Pads								
Elastomeric	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.*

DEPARTMENT OF TRANSPORTATION - 841
WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE
Asset # : 4240

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	* *			
Pedestals								
Concrete	100%			LIFE	* *			
Piles								
Not Accessible	100%							
Deck Elements								
Mono Deck Surface								
Concrete	100%			2049	* *	5	$14,800	
Railings/Parapets								
Concrete	100%			2038	* *	4	$42,500	
Scupper								
Cast Iron	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 100%							
	Location : Throughout							
	Explanation : Total Of 8 Scuppers							
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$26,500	
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure		$747,900
Total		**$747,900**
Importance Code A		$194,700
Importance Code B		$116,800
Importance Code C		$436,400
Total		**$747,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$5,900		$31,200	$18,300
Total	**$5,900**		**$31,200**	**$18,300**
Importance Code A			$19,500	$11,300
Importance Code B			$11,700	
Importance Code C	$5,900			$7,000
Total	**$5,900**		**$31,200**	**$18,300**

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 RAMP TO BRUCKNER BLVD.
Asset # : 14727

Bridge Structure	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	* *			
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	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Throughout								
Explanation : Masonry: Schist / Gneiss								
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	$436,400	4	$13,900	
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2036	* *	4	$7,500	
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		
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	$15,200	
Wearing Surface								
Concrete	100%			2036	* *	5	$11,700	
Scupper								
Cast Iron	100%			LIFE	* *			
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$22,700	
Joints								
Generic	100%			LIFE	* *			
Primary Member								
Steel	100%			LIFE	* *	2-8	$363,600	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$182,700	

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **10-Apr-2019**
Landmark Status : **NONE**
Areas Surveyed :
Block : **Lot** : **BIN** : **2240059**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bridge Structure	$2,097,100	$2,458,100
Bridge Electrical		$1,301,300
Bridge Mechanical	$121,000	
Total	**$2,218,100**	**$3,759,400**
Importance Code A	$1,213,400	$1,213,400
Importance Code B	$1,004,800	$2,185,000
Importance Code C		$361,000
Total	**$2,218,100**	**$3,759,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bridge Structure	$637,600		$192,100	
Bridge Electrical	$600			
Bridge Mechanical	$112,400		$86,200	
Total	**$750,700**		**$278,300**	
Importance Code A	$430,500		$103,500	
Importance Code B	$274,000		$174,800	
Importance Code C	$46,300			
Total	**$750,700**		**$278,300**	

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		
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%			2060	* *			
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%			2045	* *	4	$80,500	
Curbs								
Concrete	100%			LIFE	* *			
	Other Observation, Extent : Light, Area Affected : 1%							
	Location : Both Approaches.							
	Explanation : Curbs Are Incorporated Into The Barrier.							
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

WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER

Asset # : 4239

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	100%			2045	* *	4	$19,700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Both Approaches.								
Explanation : Guide Railing Is Located On Both Sides Of The Roadway.								
Steel	100%			LIFE	* *	2-8	$21,400	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Both Approaches.								
Explanation : Guide Railing Is Located On Both Sides Of The Roadway.								
Mat (scour & erosion)								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2045	* *	4		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Both Approaches.								
Explanation : Pedestrian Railing Along North Side.								
Steel	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Both Approaches.								
Explanation : Pedestrian Railing Along North Side.								
Sidewalks								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Both Approaches.								
Explanation : Sidewalk On North Side Only.								
Piers								
Cap Beam								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1 - 5, 7 - 12.								
Explanation : Concrete Capbeams								
Steel	100%			LIFE	* *	2-8	$438,000	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 6, 13, 14.								
Explanation : Steel Capbeams								
Pier,Columns								
Concrete	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 2, 3, 12 - 14.								
Explanation : Concrete Pier Columns.								
Granite	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 1, 4 - 12.								
Explanation : Granite Pier Columns.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
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	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Pier 6								
Explanation : Granite Solid Stem.								
Brngs,Ancr Blts,Pads								
Generic	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 10%								
Location : Span 6 Center Pier, Center Bearing Pad								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 9 - 13.								
Explanation : Earth Mat.								
Pedestals								
Concrete	100%			LIFE	* *			
Cracks, Extent : Light, Area Affected : 1%								
Location : Spans 5 And 7								
Deck Elements								
Curbs								
Concrete	100%			2060	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 15.								
Explanation : Curb Is Integral With Traffic Barrier.								
Guide Railing								
Concrete	100%			2050	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 15.								
Explanation : Guide Railing Is Located On Both Sides Of The Roadway.								
Steel	100%			LIFE	* *			
Damaged Railing, Extent : Moderate, Area Affected : 15%								
Location : Spans 6 And 7, South Railing, North Face								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 15.								
Explanation : Guide Railing Is Located On Both Sides Of The Roadway.								
Railings/Parapets								
Concrete	100%			2045	* *	4	$95,700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 15.								
Explanation : Pedestrian Railing Along North Side Only.								
Steel	100%			LIFE	* *	2-8	$142,600	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 15.								
Explanation : Pedestrian Railing On North Side Only.								

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%	4+	$19,500	2040	* *	5	$16,000	
Cracks, Extent : Light, Area Affected : 5%								
Location : Spans 8 - 11.								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 15.								
Explanation : Sidewalk On North Side Only.								
Wearing Surface								
Concrete	100%			2045	* *	5	$361,000	
Spalling, Extent : Light, Area Affected : 1%								
Location : Span 6, Left Lane								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 5, And 8 - 15.								
Explanation : Concrete Wearing Surface.								
Steel Grating	100%			LIFE	* *	5		
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 6 And 7.								
Explanation : Steel Grating Wearing Surface. Not Observed This Cycle.								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	* *	5	$242,500	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 1 - 5, And 8 - 15.								
Explanation : Concrete Deck.								
Steel Grating	100%			LIFE	* *	5	$132,700	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Spans 6 And 7.								
Explanation : Steel Grating In Swing Spans								
Joints								
Generic	100%			LIFE	* *			
Leakage, Extent : Light, Area Affected : 50%								
Location : Piers 2, 4, 5, 7, 8, 10, 11, 13, And 14								
Other Observation, Extent : Light, Area Affected : 1%								
Location : Piers 2, 4, 5, 7, 8, 10, 11, 13, And 14								
Explanation : Joints.								
Primary Member								
Steel	100%			LIFE	* *	2-8	$2,829,200	
Secondary Member								
Steel	100%			LIFE	* *	2-8	$2,427,400	
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	* *			
Swing Span Pivot Pier								
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 MOVABLE SPAN WILLIS AVE/HARLEM RIVER

Asset # : 4239

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%			2030	$78,300			
Control System Electrical								
Computer								
PLC	100%			2030	$998,500			
Control Console								
Stainless Steel	100%			LIFE	* *			
Disconnect Switch								
Non Fused	100%			2050	* *			
Limit Switch								
Rotary	100%			2030	$75,300			
Electrical Power								
Transfer Switch								
Auto	100%			2050	* *			
Transformer								
Dry	100%			2050	* *			
Dist Equip & Motor Controll								
Generic	100%			2050	* *			
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2035	* *			
Ground Rod								
Copper	100%			2030	$44,200			
Ground Wire								
Green	100%			2035	* *			
Copper Down Contactor	100%			2035	* *			
Lightning Terminals								
Copper	100%			2030	$105,000			
Power Over 600V								
Service Equipment								
Fused Switch	100%			2050	* *			
Transformer								
Dry	100%			2050	* *			
Raceway								
Conduit								
Metal	100%			2070	* *			
Submarine Control Cables								
Control	100%			2035	* *			
Wires								
Thermoplastic	100%			2050	* *			
Span Lock								
Motor								
Squirrel Cage	100%			2045	* *			
Stand-by Power								
Transfer Switch								
Auto	100%			2050	* *			
Traffic System Electrical								

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

DEPARTMENT OF TRANSPORTATION - 841

WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER

Asset # : 4239

Bridge Electrical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%	Now	$600	2030	$31,300			
Other Observation, Extent : Light, Area Affected : 25%								
Location : South East And North East Warning Gates								
Explanation : 2 South East And 2 North East Barrier Gate Arm Lights Out								
Traffic Gate Lighting								
Incandescent	100%			2030	$31,300			
Lighting								
Lighting Devices								
Generic	100%			2035	* *			

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								
Center Latch								
Generic	100%			2065	* *	2	$22,500	
Center Lift								
Generic	100%			2065	* *	2	$26,900	
Other Observation, Extent : Light, Area Affected : 1%								
Location : Center Lift								
Explanation : Minor Leakage.								
Center Pivot								
Generic	100%			2065	* *	2	$67,400	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Center Pivot								
Explanation : Minor Leakage And Breather Getting Close To Saturated. Some Cracks In Grout.								
Emergency Drive								
Emergency Power	100%	Now	$8,800	2065	* *	2	$35,900	
Other Observation, Extent : Light, Area Affected : 2%								
Location : Emergency Drive Hydraulic Power Unit								
Explanation : No Operation Observed. Small Crack In Engine Belt Cover. Exhaust May Need To Be Sealed. Minor Leakage.								
End Lift								
Generic	100%			2065	* *	2	$44,900	
Other Observation, Extent : Light, Area Affected : 1%								
Location : End Lifts								
Explanation : Minor Leakage.								
Fuel Tanks								
Generic	100%			2047	* *			

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DEPARTMENT OF TRANSPORTATION - 841

WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER

Asset # : 4239

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Houses								
Access Ways	100%			2065	* *			
Control House	100%	Now	$38,100	2065	* *			
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Control House And Assistant Bridge Operator House								
Explanation : Control Room Door Knob Broken. Water In Assistant House Only Gets Warm. Alarm Needs To Be Repaired.								
HVAC	100%	Now	$13,900	2065	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Control House								
Explanation : Ac Requires Repair.								
Machinery Room	100%	Now	$22,100	2065	* *			
Other Observation, Extent : Light, Area Affected : 1%								
Location : Machinery Room								
Explanation : Small Leak In Ceiling Of Machinery Room.								
Main Drive System								
Generic	100%	Now	$82,900	2065	* *	2	$179,600	
Other Observation, Extent : Moderate, Area Affected : 2%								
Location : Operating Machinery								
Explanation : Minor Maintenance And Paint Repair Required. Tach Covers Are Loose.								
Rack								
Generic	100%			LIFE	* *			
Traffic Devices								
Barrier Gate	100%	Now	$20,600	2043	* *			
Other Observation, Extent : Severe, Area Affected : 1%								
Location : Barrier Gates, Observed From North Sidewalk Only								
Explanation : Some Guy Wire Need Repair And Or Adjustment.								
Warning Gate	100%	Now	$14,800	2043	* *			
Other Observation, Extent : Severe, Area Affected : 1%								
Location : Warning Gates, Observed From North Sidewalk Only								
Explanation : Some Adjustments May Be Required.								

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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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **08-Feb-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **5649**	**Lot**	: **1**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Piers	$614,400	
Total	**$614,400**	
Importance Code A	$254,200	
Importance Code B	$212,300	
Importance Code C	$147,900	
Total	**$614,400**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Piers	$26,400			
Total	**$26,400**			
Importance Code A	$26,400			
Importance Code B				
Importance Code C				
Total	**$26,400**			

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
COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER
Asset # : 1790

Piers	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Deck								
Concrete	25%			LIFE	* *	5	$7,200	
Cracking, Extent : Light, Area Affected : 5%								
Location : Isolated Locations								
Spalling, Extent : Light, Area Affected : 5%								
Location : Isolated Locations								
Concrete	15%	4+	$42,700	LIFE	* *	5	$2,200	
Surface Wearing/Scaling, Extent : Moderate, Area Affected : 50%								
Location : At Construction Joints On North Side Of Pier And Approach								
Concrete	20%	0-2	$95,000	LIFE	* *	5	$2,900	
Spalling, Extent : Severe, Area Affected : 100%								
Location : At Loading Ramp And At Northwest Corner								
Not Accessible	40%							
Pile Caps								
Timber	55%			LIFE	* *	4	$50,300	
Rotting/Splitting, Extent : Light, Area Affected : 30%								
Location : Isolated Locations								
Not Accessible	45%							
Piles and Bracing								
Timber	30%	4+	$116,500	LIFE	* *	4-5	$10,400	
Rotting/Splitting, Extent : Moderate, Area Affected : 60%								
Location : Approach And Pier Head								
Timber	20%			LIFE	* *	4-5	$13,000	
Rotting/Splitting, Extent : Light, Area Affected : 40%								
Location : Isolated Locations								
Not Accessible	50%							
Fender								
Wales and Chocks								
Timber	55%	Now	$70,100	2045	* *	4	$16,400	
Missing Part, Extent : Severe, Area Affected : 100%								
Location : Isolated Locations								
No Component	45%							
Piles								
Timber	55%	Now	$88,900	2045	* *	4	$7,600	
Missing Part, Extent : Severe, Area Affected : 100%								
Location : Offshore End								
Rotting/Splitting, Extent : Severe, Area Affected : 75%								
Location : At North Ends Of Approach And Pier Head								
No Component	45%							

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

DEPARTMENT OF TRANSPORTATION - 841

COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER

Asset # : 1790

Piers	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender								
Pile Cluster								
Timber	70%	Now	$103,500	2035	* *	4	$11,000	
Rotting/Splitting, Extent : Severe, Area Affected : 25%								
Location : In Tidal Zone								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Offshore End								
Explanation : Crushing								
Timber	30%	2-4	$44,400	2035	* *	4	$4,700	
Rotting/Splitting, Extent : Moderate, Area Affected : 50%								
Location : In Tidal Zone								
Deck Elements								
Coping/Curb								
Timber	7%	Now	$4,900	LIFE	* *			
Missing Part, Extent : Severe, Area Affected : 100%								
Location : Several Sections Totaling 40 Feet								
Timber	53%	4+	$27,600	LIFE	* *			
Rotting/Splitting, Extent : Moderate, Area Affected : 20%								
Location : At Approach And Offshore Pier Head								
Timber	40%	2-4	$20,800	LIFE	* *			
Rotting/Splitting, Extent : Severe, Area Affected : 50%								
Location : Isolated Hollowed Sections								

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

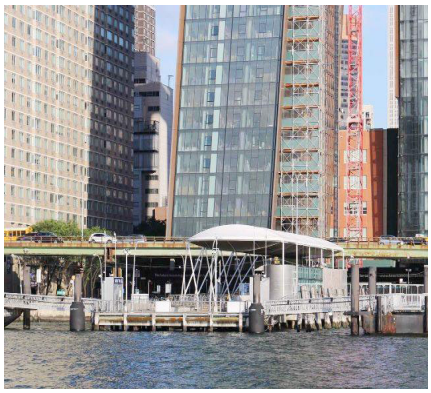
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **EAST 34TH STREET FERRY PIER**				
Address	: **E 35TH TO E 36TH STS EAST RIVER**				
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	: **02-Aug-2016**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **967**	**Lot**	: **50**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Piers		$49,600
Total		**$49,600**
Importance Code A		$49,600
Total		**$49,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Piers	$26,700			
Total	**$26,700**			
Importance Code A				
Importance Code B	$22,800			
Importance Code C	$3,900			
Total	**$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
EAST 34TH STREET FERRY PIER
Asset # : 14638

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
Structural								
Deck								
Concrete	50%			LIFE	* *	5	$6,000	
Cracking, Extent : Light, Area Affected : 5%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 5%								
Location : At Base Of Timber Platform								
Not Accessible	50%							
Deck Surface								
Asphalt Pavers	60%			2041	* *			
Timber	30%			2041	* *	5	$7,800	
Not Accessible	10%							
Pile Caps								
Concrete	100%			LIFE	* *	5	$400	
Cracking, Extent : Light, Area Affected : 5%								
Location : Throughout								
Piles and Bracing								
Steel	50%			LIFE	* *	5	$49,600	
Corrosion, Extent : Light, Area Affected : 40%								
Location : Throughout Tidal Zone On H-piles								
Not Accessible	50%							
Fender								
Wales and Chocks								
Timber	60%			2041	* *	4	$18,500	
No Component	40%							
Piles								
Timber	30%	4+	$16,700	2037	* *	4	$2,800	
Broken, Extent : Light, Area Affected : 15%								
Location : Three Locations Of Minor Breaks								
No Component	40%							
Not Accessible	30%							
Pile Cluster								
Timber	70%			2029		4-10		
Loose Wrapping, Extent : Light, Area Affected : 10%								
Location : One Cluster On North Side								
Not Accessible	30%							
Deck Elements								
Railing								
Steel	70%			2027				
No Component	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Piers	$338,100	$695,100
Total	**$338,100**	**$695,100**
Importance Code A	$179,600	$92,000
Importance Code C	$158,500	$603,100
Total	**$338,100**	**$695,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Piers	$55,500			
Total	**$55,500**			
Importance Code A	$48,800			
Importance Code B	$1,100			
Importance Code C	$5,600			
Total	**$55,500**			

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 1
Asset # : 4523

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
Structural								
Deck								
Concrete	2%	Now	$24,400	LIFE	* *	5	$1,900	
Cracking, Extent : Moderate, Area Affected : 5%								
Location : At East And Throughout								
Exposed Reinforcement, Extent : Severe, Area Affected : 10%								
Location : Underdeck East Side At Edge And Throughout Soffit								
Concrete	97%			LIFE	* *	5	$90,100	
Not Accessible	1%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : At South Side Of Pier								
Explanation : Under Building								
Pile Caps								
Concrete	25%	4+	$179,600	LIFE	* *	5	$800	
Spalling, Extent : Severe, Area Affected : 100%								
Location : Delamination And Spalling Throughout Concrete Encased Steel Beams								
Timber	75%			LIFE	* *	4	$293,900	
Piles and Bracing								
Caissons	5%	4+	$24,300	LIFE	* *	5	$3,100	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Mid-pier Stone Masonry Support Bent								
Explanation : Missing Joint Mortar At Stone Masonry Bent								
Timber	20%			LIFE	* *	4-5	$44,700	
Rotting/Splitting, Extent : Light, Area Affected : 5%								
Location : Isolated Throughout Tidal Zone								
Not Accessible	75%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout Pier								
Explanation : 15 Percent Encased								
Fender								
Pile Cluster								
Timber	20%	Now	$158,500	2028	$264,100	4	$11,200	
Broken, Extent : Severe, Area Affected : 100%								
Location : In Tidal Zone								
Loose Wrapping, Extent : Moderate, Area Affected : 25%								
Location : Above Mean Low Water								
Timber	20%			2025	$264,100	4-10	$91,700	
Not Accessible	60%							
Deck Elements								
Railing								
Steel	100%			2023				
Coping/Curb								
Timber	99%			LIFE	* *			
Timber	1%	Now	$1,100	LIFE	* *			
Missing Part, Extent : Severe, Area Affected : 100%								
Location : Missing Section At East End Of 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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **10-Aug-2017**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **1** **Lot** : **70**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Piers	$93,400	$79,200
Total	**$93,400**	**$79,200**
Importance Code A	$40,600	
Importance Code C	$52,800	$79,200
Total	**$93,400**	**$79,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Piers	$103,700	$11,300	$29,200	
Total	**$103,700**	**$11,300**	**$29,200**	
Importance Code A	$55,600			
Importance Code B	$48,100	$9,600	$29,200	
Importance Code C		$1,700		
Total	**$103,700**	**$11,300**	**$29,200**	

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.
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DEPARTMENT OF TRANSPORTATION - 841
FERRY MAINTENANCE FACILITY PIER B1
Asset # : 4521

Piers	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Deck								
Concrete	2%	4+	$29,800	LIFE	* *	5	$900	
Cracking, Extent : Moderate, Area Affected : 5%								
Location : Center Pier, 150 Feet From East End								
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Southwest Side Of Pier								
Concrete	73%			LIFE	* *	5	$33,100	
Not Accessible	25%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Inshore Half Of The Pier								
Explanation : Steel Stay-in-place Formwork								
Firewalls								
Concrete	70%			LIFE	* *	5	$1,900	
Not Accessible	30%							
Pile Caps								
Timber	98%			LIFE	* *	4	$187,500	
Timber	2%	2-4	$25,800	LIFE	* *	4	$3,800	
Rotting/Splitting, Extent : Severe, Area Affected : 50%								
Location : Ends Of Offshore Pile Caps								
Piles and Bracing								
Timber	2%	Now	$40,600	LIFE	* *	4-5	$2,200	
Broken, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Timber	28%			LIFE	* *	4-5	$30,500	
Not Accessible	70%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : 20 Percent With Encasements								
Fender								
Buffer								
Rubber	100%			2037	* *	4-5	$30,700	
Wales and Chocks								
Timber	90%			2031	* *	4	$50,000	
Timber	10%	4+	$23,700	2031	* *	4	$5,600	
Rotting/Splitting, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Worn, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Isolated Locations Between The Pier Deck And The Fender System								
Explanation : Steel Connecting Hardware Not Connected								

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

DEPARTMENT OF TRANSPORTATION - 841
FERRY MAINTENANCE FACILITY PIER B1
Asset # : 4521

Piers	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender								
Piles								
Timber	2%	Now	$15,100	2043	* *	4	$500	
Broken, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Timber	33%			2031	* *	4	$8,500	
Not Accessible	65%							
Pile Cluster								
Timber	30%			2026	$79,200	4-10	$27,500	
Worn, Extent : Moderate, Area Affected : 25%								
Location : Tidal Zone								
Timber	20%	Now	$52,800	2033	* *	4	$2,200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Broken Piles In Tidal Zone								
Loose Wrapping, Extent : Moderate, Area Affected : 25%								
Location : At Northwest End								
Not Accessible	50%							
Deck Elements								
Coping/Curb								
Concrete	10%			LIFE	* *			
Recent Repair Evident, Extent : Light, Area Affected : 20%								
Location : Northeast Corner Of Pier								
Timber	89%			LIFE	* *			
Timber	1%	Now	$5,400	LIFE	* *			
Broken, Extent : Severe, Area Affected : 100%								
Location : Isolated Throughout								
Rotting/Splitting, Extent : Severe, Area Affected : 50%								
Location : Isolated 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.*

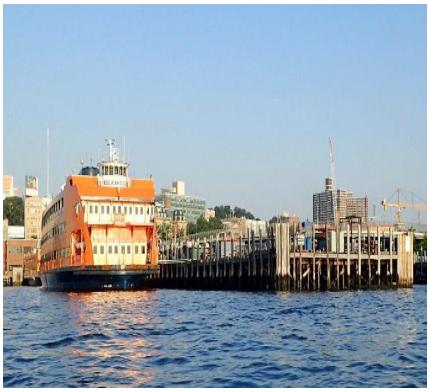
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **10-Aug-2017** **Landmark Status** : **NONE**
Areas Surveyed :
Block : **1** **Lot** : **70** **BIN** :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Piers	$322,000	$121,400
Total	**$322,000**	**$121,400**
Importance Code A	$197,300	$121,400
Importance Code B	$124,800	
Total	**$322,000**	**$121,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Piers	$30,000	$15,900	$27,100	
Total	**$30,000**	**$15,900**	**$27,100**	
Importance Code A				
Importance Code B	$30,000	$15,900	$27,100	
Total	**$30,000**	**$15,900**	**$27,100**	



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 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
Structural								
Deck								
Concrete	75%			LIFE	* *	5	$85,600	
Cracking, Extent : Light, Area Affected : 2%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Throughout Perimeter Of Pier								
Not Accessible	25%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Soffit Of Inshore Half Of Pier								
Explanation : Stay-in-place Formwork								
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+	$95,100	LIFE	* *	5	$18,800	
Corrosion, Extent : Moderate, Area Affected : 20%								
Location : Above Mean Low Water Elevation								
Timber	2%	4+	$102,100	LIFE	* *	4-5	$5,500	
Rotting/Splitting, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Timber	16%			LIFE	* *	4-5	$43,900	
Not Accessible	80%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Throughout								
Explanation : 20 Percent Of Piles Are Encased								
Fender								
Buffer								
Rubber	100%			2037	* *	4-5	$50,800	
Wales and Chocks								
Timber	45%			2031	* *	4	$41,500	
Timber	5%	4+	$23,600	2031	* *	4	$4,600	
Worn, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Other Observation, Extent : Severe, Area Affected : 5%								
Location : At 5 Percent Of Locations Between Pier Deck And Fender System								
Explanation : Steel Connecting Hardware Is Not Connected								
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
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
Fender								
Piles								
Timber	8%	4+	$99,800	2043	* *	4	$3,400	
Worn, Extent : Moderate, Area Affected : 50%								
Location : Above Mean Low Water Elevation								
Timber	2%	Now	$25,000	2043	* *	4	$900	
Broken, Extent : Severe, Area Affected : 100%								
Location : Isolated Locations								
Timber	30%			2031	* *	4	$12,800	
Not Accessible	60%							
Deck Elements								
Coping/Curb								
Concrete	5%			LIFE	* *			
Timber	95%			LIFE	* *			
Rotting/Splitting, Extent : Light, Area Affected : 20%								
Location : Throughout								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **PIER 11 WALL STREET 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-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **36** **Lot** : **18**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Piers	$38,900	$1,257,500
Total	**$38,900**	**$1,257,500**
Importance Code A	$38,900	
Importance Code B		$1,257,500
Total	**$38,900**	**$1,257,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Piers	$60,100		$31,600	
Total	**$60,100**		**$31,600**	
Importance Code A	$31,400			
Importance Code B	$11,700		$31,300	
Importance Code C	$16,900		$300	
Total	**$60,100**		**$31,600**	

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
PIER 11 WALL STREET FERRY PIER
Asset # : 4340

Piers	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Deck								
Concrete	53%			LIFE	* *	5	$62,800	
Cracking, Extent : Light, Area Affected : 2%								
Location : Deck Surface								
Surface Wearing/Scaling, Extent : Light, Area Affected : 10%								
Location : Light Wear In Painted Deck Surface								
Concrete	2%	Now	$38,900	LIFE	* *	5	$1,200	
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Southwest Corner Of Pier And Offshore Structure South Face								
Not Accessible	45%							
Pile Caps								
Concrete	2%			LIFE	* *	5	$100	
Not Accessible	98%							
Piles and Bracing								
Not Accessible	100%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : All Piles								
Explanation : Epoxy Encasements								
Fender								
Wales and Chocks								
Timber	73%			2039	* *	4	$49,900	
Rotting/Splitting, Extent : Light, Area Affected : 5%								
Location : Top Of Chocks								
Timber	2%	Now	$11,700	2045	* *	4	$1,400	
Broken, Extent : Moderate, Area Affected : 100%								
Location : Inshore End Of Pier, North And South Sides								
No Component	25%							
Piles								
Timber	40%			2039	* *	4	$12,600	
No Component	25%							
Not Accessible	35%							
Pile Cluster								
Timber	25%			2031	* *	4-10	$4,300	
Timber	25%	Now	$13,200	2035	* *	4	$600	
Broken, Extent : Severe, Area Affected : 100%								
Location : Southeast Corner Of Pier								
Not Accessible	50%							
Deck Elements								
Railing								
Steel	100%			2028	$1,257,500			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Perimeter Of Pier								
Electrical								
Lighting Fixture								
Incandescent	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **05-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **2** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Piers		$186,000
Total		**$186,000**
Importance Code B		$186,000
Total		**$186,000**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Piers	$118,300		$600	$14,900
Total	**$118,300**		**$600**	**$14,900**
Importance Code A	$42,500			$14,900
Importance Code B	$42,000			
Importance Code C	$33,900		$600	
Total	**$118,300**		**$600**	**$14,900**

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
ST. GEORGE FERRY TERMINAL FUEL PIER
Asset # : 13895

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
Structural								
Deck								
Concrete	30%			LIFE	* *	5	$9,400	
Steel	40%			2031	* *	5	$28,000	
Not Accessible	30%							
Pile Caps								
Concrete	70%			LIFE	* *	5	$800	
Not Accessible	30%							
Piles and Bracing								
Concrete	38%			LIFE	* *	5	$20,200	
Erosion, Extent : Light, Area Affected : 50%								
Location : Tidal Zone								
Steel	2%	4+	$13,000	LIFE	* *	5	$2,600	
Corrosion, Extent : Moderate, Area Affected : 90%								
Location : H-piles Supporting Elevated Walkway East Of Slip 1								
Missing Coating, Extent : Moderate, Area Affected : 90%								
Location : H-piles Supporting Elevated Walkway East Of Slip 1								
Not Accessible	60%							
Fender								
Piles								
Timber	8%			2026	$85,000	4	$4,300	
Rotting/Splitting, Extent : Light, Area Affected : 10%								
Location : Piles Along West Face Only								
Timber	2%	Now	$21,200	2045	* *	4	$700	
Broken, Extent : Severe, Area Affected : 100%								
Location : At Southwest Corner Of Barge Berth								
No Component	85%							
Not Accessible	5%							
Pile Cluster								
Timber	5%			2031	* *	4-10	$8,600	
Timber	5%	Now	$26,400	2035	* *	4	$1,100	
Broken, Extent : Severe, Area Affected : 60%								
Location : Of The 10 Timber Pile Clusters Along The Northwest Catwalk, 6 Have 1-2 Broken Piles								
No Component	85%							
Not Accessible	5%							
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
ST. GEORGE FERRY TERMINAL FUEL PIER
Asset # : 13895

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	10%			2028	$101,000			
Fiberglass	65%			2031	* *			
Fiberglass	5%	Now	$19,300	2035	* *			
Broken, Extent : Severe, Area Affected : 15%								
Location : Toeboards								
Loose Connections, Extent : Moderate, Area Affected : 10%								
Location : Isolated Horizontal Elements								
Other Observation, Extent : Severe, Area Affected : 30%								
Location : Isolated Horizontal Elements								
Explanation : Cracking								
No Component	20%							
Electrical								
Lighting Fixture								
Incandescent	70%			2024	$10,400			
Incandescent	30%	4+	$200	2024	$4,500			
Other Observation, Extent : Light, Area Affected : 5%								
Location : One Pole At South End Of Pier And One Pole At North End Of Catwalk								
Explanation : Loose Hand Hole Cover								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **05-Mar-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **2**	**Lot**	: **1**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Piers	$803,700	$318,200
Total	**$803,700**	**$318,200**
Importance Code A	$803,700	$318,200
Total	**$803,700**	**$318,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Piers	$86,000			$700
Total	**$86,000**			**$700**
Importance Code A	$52,000			
Importance Code B	$34,000			$700
Total	**$86,000**			**$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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Deck								
Concrete	48%			LIFE	* *	5	$61,700	
Cracking, Extent : Light, Area Affected : 10%								
Location : In Deck Surface								
Concrete	2%	Now	$21,100	LIFE	* *	5	$1,300	
Spalling, Extent : Moderate, Area Affected : 10%								
Location : Northeast Corner								
Not Accessible	50%							
Piles and Bracing								
Steel	60%	4+	$803,700	LIFE	* *	5	$318,200	
Corrosion, Extent : Moderate, Area Affected : 50%								
Location : Above Mean Low Water								
Missing Coating, Extent : Severe, Area Affected : 70%								
Location : Above Mean Low Water								
Not Accessible	40%							
Coping/Curb								
Concrete	20%			LIFE	* *			
Cracking, Extent : Light, Area Affected : 10%								
Location : North End								
No Component	80%							
Fender								
Facing								
Timber	5%	0-2	$33,700	2045	* *	3	$1,100	
Worn, Extent : Severe, Area Affected : 30%								
Location : Wharf Face								
Timber	5%			2039	* *	3	$1,400	
No Component	90%							
Deck Elements								
Railing								
Fencing	90%			2031	* *	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **28-Feb-2019**
Landmark Status : **NONE**
Areas Surveyed :
Block : **1** **Lot** : **68** **BIN** :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Piers	$997,800	$402,100
Total	**$997,800**	**$402,100**
Importance Code A	$790,500	$402,100
Importance Code B	$207,400	
Total	**$997,800**	**$402,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Piers	$23,600		$22,200	$30,500
Total	**$23,600**		**$22,200**	**$30,500**
Importance Code A	$23,600			$30,500
Importance Code B			$17,400	
Importance Code C			$4,900	
Total	**$23,600**		**$22,200**	**$30,500**

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		
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	$98,700	
Cracking, Extent : Moderate, Area Affected : 5%								
Location : Pier Surface And Underdeck								
Spalling, Extent : Moderate, Area Affected : 2%								
Location : Isolated Locations In Underdeck								
Not Accessible	25%							
Deck Surface								
Asphalt	25%			2033	* *	5	$9,700	
Cracking, Extent : Moderate, Area Affected : 5%								
Location : Isolated Locations								
No Component	75%							
Pile Caps								
Concrete	90%			LIFE	* *	5	$4,300	
Spalling, Extent : Light, Area Affected : 15%								
Location : Isolated Offshore Corners								
Timber	10%			LIFE	* *	4	$41,600	
Other Observation, Extent : Light, Area Affected : 10%								
Location : Isolated Locations								
Explanation : Checking								
Piles and Bracing								
Steel	50%	4+	$456,900	LIFE	* *	5	$271,300	
Corrosion, Extent : Moderate, Area Affected : 25%								
Location : In Tidal Zone								
Steel	15%	Now	$137,100	LIFE	* *	5	$81,400	
Corrosion, Extent : Severe, Area Affected : 50%								
Location : Tops Of Cross Bracing								
Timber	5%			LIFE	* *	4-5	$14,700	
Timber	5%	4+	$147,200	LIFE	* *	4-5	$7,900	
Rotting/Splitting, Extent : Moderate, Area Affected : 50%								
Location : Rotting In Tidal Zone And Splitting At Cross Bracing Lower Connections								
Not Accessible	25%							
Fender								
Wales and Chocks								
Timber	65%			2039	* *	4	$31,400	
No Component	35%							
Piles								
Timber	10%	0-2	$65,400	2045	* *	4	$2,200	
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : 15 Feet From South End								
Explanation : Impact Damage								
Timber	15%			2039	* *	4	$3,300	
No Component	35%							
Not Accessible	40%							
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
ST. GEORGE FERRY TERMINAL SOUTH WHARF
Asset # : 13900

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								
Timber	20%			2024				
Broken, Extent : Moderate, Area Affected : 5%								
Location : Isolated Cross Braces At Temporary Railing On North Face								
No Component	80%							
Coping/Curb								
Timber	90%	4+	$142,000	LIFE	* *			
Rotting/Splitting, Extent : Moderate, Area Affected : 15%								
Location : All Timber Curbs								
No Component	10%							
Electrical								
Lighting Fixture								
Sodium	75%			2024	$22,900			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Black Steel Light Poles								
Explanation : Coating Loss								
Sodium	25%	Now	$800	2024	$7,600			
Other Observation, Extent : Severe, Area Affected : 2%								
Location : Two Locations								
Explanation : Cut Connections								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **21-Mar-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **184**	**Lot**	: **8**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bulkheads		$144,700
Total		**$144,700**
Importance Code B		$144,700
Total		**$144,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$12,300			
Total	**$12,300**			
Importance Code A	$12,300			
Total	**$12,300**			

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

BULKHEAD, PIER 26

Asset # : 1809

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Gravity Wall								
Stone	25%			LIFE	* *	5	$24,600	
Cracking, Extent : Light, Area Affected : 5%								
Location : In Concrete Cap Element								
Missing Block Seal, Extent : Light, Area Affected : 35%								
Location : North Of Pier 26								
Not Accessible	75%							
Backfill								
Fill								
Not Accessible	100%							
Surface								
Stone	65%			2039	* *	10		
Under Construction	35%							
Deck Elements								
Railing								
Steel	25%			2028	$144,700			
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **03-May-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **1790**	**Lot**	: **1**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bulkheads	$431,700	
Total	**$431,700**	
Importance Code B	$431,700	
Total	**$431,700**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$3,900		$1,500	
Total	**$3,900**		**$1,500**	
Importance Code A	$3,900			
Importance Code B			$1,500	
Total	**$3,900**		**$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
DOT HARPER ST. FLEET FACILITY BULKHEAD
Asset # : 1792

Bulkheads		Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost		Cycle (Yrs)	Estimated Cost	Priority
Structural									
Relieving Platform Top									
Concrete	90%			LIFE		* *	5-10	$4,400	
Timber	10%			LIFE		* *	4-5	$3,800	
Rotting/Splitting, Extent : Moderate, Area Affected : 100%									
Location : Between Collapsed Section And Concrete Platform									
Piles and Bracing									
Not Accessible	100%								
Backfill									
Fill									
Not Accessible	100%								
Surface									
Asphalt	40%			2033		* *	5	$3,000	
Cracking, Extent : Severe, Area Affected : 100%									
Location : Along Observed Length									
Not Accessible	60%								
Other Observation, Extent : Light, Area Affected : 0%									
Location : Along Entire Edge Of Bulkhead									
Explanation : Vegetation Coverage Over Broken Asphalt									
Fender									
Piles									
Timber	100%	Now	$128,500	2045		* *	4	$15,700	1
Broken, Extent : Severe, Area Affected : 50%									
Location : Along Entire Length Of Bulkhead									
Missing Part, Extent : Severe, Area Affected : 50%									
Location : Along Entire Length Of Bulkhead									
Wales and Chocks									
Timber	100%	Now	$303,300	2045		* *	4	$35,500	
Missing Part, Extent : Severe, Area Affected : 100%									
Location : Along Entire Length Of Bulkhead									

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **08-Feb-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **5649**	**Lot**	: **1**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bulkheads	$2,220,000	
Total	**$2,220,000**	
Importance Code A	$2,220,000	
Total	**$2,220,000**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$19,400		$200	
Total	**$19,400**		**$200**	
Importance Code A				
Importance Code B	$18,100		$200	
Importance Code C	$1,300			
Total	**$19,400**		**$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
FERRY DOCKS TIMBER BULKHEAD
Asset # : 1817

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Piles and Bracing								
Timber	35%	2-4	$330,200	2045	* *	4	$16,100	
Rotting/Splitting, Extent : Moderate, Area Affected : 50%								
Location : Isolated Locations								
Timber	65%	Now	$613,200	2045	* *	4	$29,900	1
Broken, Extent : Severe, Area Affected : 100%								
Location : Split And Broken Piles At Isolated Locations								
Excess Deflection, Extent : Severe, Area Affected : 80%								
Location : Piles Are Rotating At Center Of All Three Segments								
Revetment								
Stone	70%			LIFE	* *	5	$2,600	
No Component	30%							
Sheet Piles								
Timber	100%	Now	$1,228,000	LIFE	* *	4	$5,700	
Interlock Damage, Extent : Severe, Area Affected : 15%								
Location : Isolated Locations								
Rotting/Splitting, Extent : Severe, Area Affected : 50%								
Location : Tidal Zone								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : At Interlock Damage								
Explanation : Loss Of Fill Through Gaps In Sheets								
Wales								
Timber	60%	4+	$29,100	LIFE	* *	4	$2,800	
Rotting/Splitting, Extent : Light, Area Affected : 10%								
Location : Isolated Locations								
Other Observation, Extent : Light, Area Affected : 10%								
Location : Isolated Locations								
Explanation : Cracking								
Timber	40%	0-2	$19,400	LIFE	* *	4	$1,800	
Rotting/Splitting, Extent : Severe, Area Affected : 75%								
Location : In Tidal Zone At Southeast And Isolated Locations								
Backfill								
Fill								
Topsoil	70%	Now	$14,500	2070	* *			
Other Observation, Extent : Severe, Area Affected : 70%								
Location : Behind Bulkhead Up To 7 Feet Wide								
Explanation : Settlement								
No Component	5%							
Not Accessible	25%							
Surface								
Topsoil	70%	Now	$3,600	2030	$12,100	5	$500	
Settlement, Extent : Severe, Area Affected : 70%								
Location : Behind Bulkhead Up To 7 Feet Wide								
Topsoil	25%			2028	$4,300	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **ST. GEORGE FERRY TERMINAL CONCRETE AND STEEL BULKHEAD**
Address : **1 BAY STREET**
Borough : **STATEN ISLAND**
Program / Asset # : **DOT0131.020 / 1798**
Linear Ft : **2,940**
Date of Survey : **01-Mar-2019**
Areas Surveyed :
Block : **2** **Lot** : **1**

Agency's Number : **N/A**
Yr Built/Renovated :
Project Type : **FERRIES**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bulkheads	$855,400	
Total	**$855,400**	
Importance Code A	$855,400	
Total	**$855,400**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$65,600			$9,200
Total	**$65,600**			**$9,200**
Importance Code A	$34,100			
Importance Code B	$27,000			$9,200
Importance Code C	$4,500			
Total	**$65,600**			**$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 AND STEEL 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
Structural								
Coping/Curb								
Timber	7%			LIFE	* *	5	$200	
Other Observation, Extent : Light, Area Affected : 5%								
Location : West Of 69th Street Slip								
Explanation : Wear								
No Component	93%							
Gravity Wall								
Concrete	10%			LIFE	* *	5-10	$2,400	
Cracking, Extent : Moderate, Area Affected : 15%								
Location : Isolated Locations South Of Pier 2								
Erosion, Extent : Light, Area Affected : 30%								
Location : Tidal Zone								
Stone	5%			LIFE	* *	5	$24,900	
Stone	5%	4+	$307,500	LIFE	* *	5	$12,500	
Displaced Elements, Extent : Severe, Area Affected : 10%								
Location : Near Slip B-2 North At Ferry Maintenance Facility								
No Component	50%							
Not Accessible	20%							
Under Construction	10%							
Revetment								
Stone	25%			LIFE	* *	5	$8,800	
Erosion, Extent : Moderate, Area Affected : 50%								
Location : Underneath North Wharf								
No Component	75%							
Sheet Piles								
Steel	3%	Now	$547,900	LIFE	* *			
Corrosion, Extent : Severe, Area Affected : 100%								
Location : Between Slips 3 And 4								
No Component	50%							
Not Accessible	47%							
Pile Caps								
Concrete	2%	4+	$16,200	LIFE	* *	5	$200	
Spalling, Extent : Severe, Area Affected : 10%								
Location : Delaminations At Corner By 69th Street Slip								
Concrete	48%			LIFE	* *	5	$8,500	
Erosion, Extent : Light, Area Affected : 50%								
Location : Tidal Zone								
No Component	50%							
Backfill								
Fill								
Topsoil	5%	Now	$13,200	2070	* *			
Sinkhole, Extent : Severe, Area Affected : 100%								
Location : Near Slip 8 And Between Slips 3 And 4								
Not Accessible	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

ST. GEORGE FERRY TERMINAL CONCRETE AND STEEL 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
Backfill								
Surface								
Asphalt	35%			2039	* *	5	$11,700	
Asphalt	5%	Now	$13,800	2045	* *	5	$800	
Sinkhole, Extent : Severe, Area Affected : 100%								
Location : Near Slip 8 And Between Slips 3 And 4								
Concrete	20%			2039	* *	5	$6,700	
Not Accessible	40%							

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **WHITEHALL FERRY TERMINAL CONCRETE BULKHEAD**
Address : **4 WHITEHALL STREET**
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-Mar-2019** **Landmark Status** : **NONE**
Areas Surveyed :
Block : **2** **Lot** : **1** **BIN** :

CAPITAL

Total	
Importance Code	
Total	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$400			$2,200
Total	**$400**			**$2,200**
Importance Code B				$2,200
Importance Code C	$400			
Total	**$400**			**$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
WHITEHALL FERRY TERMINAL CONCRETE BULKHEAD
Asset # : 1808

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Coping/Curb								
Concrete	50%			LIFE	* *	5-10	$400	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Edge Of Asphalt Paver Walkway								
Explanation : Coating Loss								
No Component	50%							
Gravity Wall								
Not Accessible	100%							
Revetment								
Stone	10%			LIFE	* *	5	$500	
No Component	90%							
Backfill								
Fill								
Not Accessible	100%							
Surface								
Asphalt	60%			2039	* *	5	$2,700	
Cracking, Extent : Light, Area Affected : 5%								
Location : Isolated								
Surface Wearing/Scaling, Extent : Light, Area Affected : 100%								
Location : Terminal Interior Roadway								
Asphalt Pavers	20%			2039	* *	5	$900	
Settlement, Extent : Light, Area Affected : 10%								
Location : Terminal Interior Walkway								
Concrete	20%			2039	* *	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bulkheads	$674,800	$1,654,100
Total	**$674,800**	**$1,654,100**
Importance Code A	$674,800	$121,100
Importance Code B		$1,532,900
Total	**$674,800**	**$1,654,100**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$28,800			
Total	**$28,800**			
Importance Code A				
Importance Code B	$28,800			
Total	**$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

BULKHEAD / GRAVITY WALL

Asset # : 4343

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Gravity Wall								
Conc w/Stone Face	10%	Now	$674,800	LIFE	* *	5	$17,300	
Erosion, Extent : Moderate, Area Affected : 25%								
Location : At And Below The Water Line, North Of E 76 St								
Missing Part, Extent : Severe, Area Affected : 25%								
Location : Missing Blocks North Of E 76th St								
Conc w/Stone Face	60%			LIFE	* *	5	$103,800	
Cracking, Extent : Light, Area Affected : 2%								
Location : Throughout								
Concrete	5%			LIFE	* *	5	$400	
Erosion, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Not Accessible	25%							
Backfill								
Fill								
Not Accessible	100%							
Surface								
Asphalt Pavers	45%			2036	* *	5	$9,900	
Asphalt Pavers	5%	4+	$20,600	2042	* *	5	$500	
Settlement, Extent : Moderate, Area Affected : 40%								
Location : Throughout								
Concrete	30%			2036	* *	5	$6,600	
Cracking, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Settlement, Extent : Moderate, Area Affected : 70%								
Location : Throughout								
Not Accessible	20%							
Deck Elements								
Railing								
Steel	80%			2025	$1,532,900			
Missing Coating, Extent : Light, Area Affected : 15%								
Location : Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **BULKHEAD AT PIER 79**				
Address	: **W 38TH ST TO SS OF PIER 81 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	: **27-Sep-2016**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **665**	**Lot**	: **999**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bulkheads		$308,200
Total		**$308,200**
Importance Code B		$308,200
Total		**$308,200**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$15,500	$4,400		
Total	**$15,500**	**$4,400**		
Importance Code A	$15,500			
Importance Code B		$4,400		
Total	**$15,500**	**$4,400**		

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 AT PIER 79

Asset # : 4339

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Relieving Platform Top								
No Component	40%							
Not Accessible	60%							
Sheet Piles								
Concrete Encased Steel	33%	4+	$15,500	LIFE	* *			
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Between Ferry Terminal And Pier 81								
Not Accessible	67%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Beneath Ferry Terminal								
Explanation : Steel Sheet Pile Not Accessible Beneath Ferry Terminal								
Backfill								
Fill								
Not Accessible	100%							
Surface								
Asphalt	34%			2037	* *	5	$3,000	
Settlement, Extent : Light, Area Affected : 2%								
Location : Light Settlement Along Bulkhead Edge								
Concrete	66%			2037	* *	5	$5,800	
Deck Elements								
Railing								
Steel	40%			2026	$308,200			
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **06-Feb-2018**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **Lot** :	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bulkheads	$3,349,200	
Total	**$3,349,200**	
Importance Code A	$3,349,200	
Total	**$3,349,200**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$14,600	$1,100		
Total	**$14,600**	**$1,100**		
Importance Code A				
Importance Code B	$14,600	$1,100		
Total	**$14,600**	**$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
BULKHEAD NORTH OF UNIVERSITY HEIGHTS BRIDGE
Asset # : 14496

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								
Piles and Bracing								
No Component	45%							
Not Accessible	55%							
Sheet Piles								
Steel	100%	Now	$3,230,200	LIFE	* *			1
Corrosion, Extent : Severe, Area Affected : 100%								
Location : Tidal Zone. Missing Section Due To Corrosion								
Pile Caps								
Concrete	100%	4+	$119,000	LIFE	* *	5	$1,600	
Cracking, Extent : Light, Area Affected : 15%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 5%								
Location : Along Offshore Edge								
Other Observation, Extent : Light, Area Affected : 30%								
Location : Along Top Of South Face								
Explanation : Impact Spalls								
Backfill								
Fill								
Topsoil	10%	Now	$11,700	2069	* *			
Sinkhole, Extent : Severe, Area Affected : 100%								
Location : 310 Feet From South								
Not Accessible	90%							
Surface								
Topsoil	90%			2027	$26,300	5	$2,200	
Topsoil	10%	Now	$2,900	2029	$2,900	5	$100	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Sinkhole 310 Feet From South								
Explanation : Fill Loss								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **07-Mar-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **5256**	**Lot**	: **200**	**BIN**	:

CAPITAL

Total	
Importance Code	
Total	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads			$7,200	
Total			**$7,200**	
Importance Code A			$5,000	
Importance Code B			$2,300	
Total			**$7,200**	

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, 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	50%			2043	* *	5	$9,900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : At Southern End Of Asset								
Not Accessible	30%							
Under Construction	20%							
Backfill								
Fill								
Not Accessible	80%							
Under Construction	20%							
Surface								
Asphalt	80%			2043	* *	5	$4,500	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : At Southern End Of Asset								
Under Construction	20%							
Deck Elements								
Railing								
Guard Rail	80%			LIFE	* *			
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : At Southern End Of Asset								
Under Construction	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **07-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **5256** **Lot** : **200**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bulkheads	$360,700	
Total	**$360,700**	
Importance Code C	$360,700	
Total	**$360,700**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$100		$1,400	
Total	**$100**		**$1,400**	
Importance Code B			$1,400	
Importance Code C	$100			
Total	**$100**		**$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+	$360,700	LIFE	* *	5	$2,800	
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Non-engineered, Very Steep, Slope With Areas Of Scour								
Explanation : Inadequate Stone Protection								
Stone	5%			LIFE	* *	5	$300	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Adjacent To Outfall								
Backfill								
Fill								
Not Accessible	100%							
Surface								
Asphalt	50%			2033	* *	5	$2,800	
Erosion, Extent : Light, Area Affected : 100%								
Location : Raveling Throughout Surface								
Not Accessible	50%							
Other Observation, Extent : Light, Area Affected : 0%								
Location : Inshore Of Revetment								
Explanation : Under Stacked Concrete Block Wall And Dot Trucks								

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

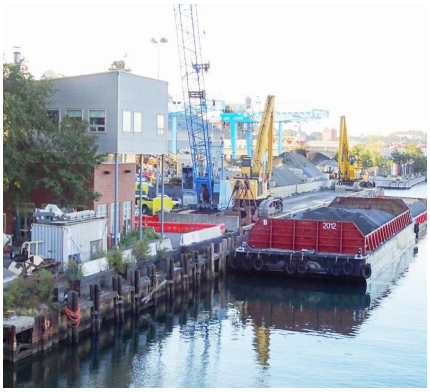
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bulkheads	$91,800	
Total	**$91,800**	
Importance Code A	$91,800	
Total	**$91,800**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$29,800	$100		$9,500
Total	**$29,800**	**$100**		**$9,500**
Importance Code A	$11,900			
Importance Code B	$17,900	$100		$9,500
Importance Code C				
Total	**$29,800**	**$100**		**$9,500**



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
DOT ASPHALT PLANT RELIEVING PLATFORM
Asset # : 1793

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Relieving Platform Top								
Concrete	10%	4+	$91,800	LIFE	**	5	$200	
Erosion, Extent : Moderate, Area Affected : 40%								
Location : Low Level Platform In Tidal Zone								
Spalling, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Concrete	90%			LIFE	**	5	$1,800	
Coping/Curb								
Timber	100%			LIFE	**	5	$300	
Piles and Bracing								
Concrete	15%			LIFE	**	5	$500	
Steel	15%			LIFE	**	5	$12,000	
Corrosion, Extent : Moderate, Area Affected : 30%								
Location : Splash Zone								
Not Accessible	70%							
Pile Caps								
Concrete	5%			LIFE	**	5	$100	
Concrete	5%	0-2	$11,900	LIFE	**	5	$100	
Spalling, Extent : Severe, Area Affected : 100%								
Location : Portions Under High Level Platform								
Not Accessible	90%							
Backfill								
Surface								
Asphalt	15%			2036	**	5	$900	
Gravel	85%			2040	**	2-5	$1,400	
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Gravel And Drain On Top Of Concrete Deck								
Fender								
Piles								
Timber	45%			2036	**	4	$5,600	
Worn, Extent : Light, Area Affected : 30%								
Location : Throughout								
Timber	10%	2-4	$10,200	2042	**	4	$1,200	
Worn, Extent : Severe, Area Affected : 50%								
Location : Throughout								
Not Accessible	45%							
Wales and Chocks								
Timber	47%			2036	**	4	$13,300	
Worn, Extent : Moderate, Area Affected : 20%								
Location : Throughout								
Timber	3%	2-4	$7,200	2042	**	4	$800	
Rotting/Splitting, Extent : Severe, Area Affected : 50%								
Location : Throughout								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bulkheads	$165,600	
Total	**$165,600**	
Importance Code A	$165,600	
Total	**$165,600**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$5,500			
Total	**$5,500**			
Importance Code B	$5,500			
Total	**$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
DOT ASPHALT PLANT STEEL SHEET PILE BULKHEAD
Asset # : 1794

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Sheet Piles								
Steel	65%	Now	$125,200	LIFE	* *			
Broken, Extent : Severe, Area Affected : 100%								
Location : North End Adjacent To Bridge Abutment								
Steel	35%	4+	$40,400	LIFE	* *			
Corrosion, Extent : Severe, Area Affected : 75%								
Location : Splash Zone								
Backfill								
Fill								
Topsoil	65%	Now	$4,500	2067	* *			
Erosion, Extent : Severe, Area Affected : 100%								
Location : Active Sloughing								
Not Accessible	35%							
Surface								
Concrete	50%			2036	* *	5		$200
Topsoil	50%	0-2	$900	2027	$900	5		
Erosion, Extent : Severe, Area Affected : 100%								
Location : Active Sloughing								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **21-Feb-2019**
Landmark Status : **NONE**
Areas Surveyed :
Block : **8012** **Lot** : **400** **BIN** :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bulkheads	$575,300	
Total	**$575,300**	
Importance Code C	$575,300	
Total	**$575,300**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$43,700		$600	
Total	**$43,700**		**$600**	
Importance Code B Importance Code C	$43,700		$600	
Total	**$43,700**		**$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 REVETMENT
Asset # : 1795

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Revetment								
Stone	100%	4+	$575,300	LIFE	* *	5	$4,500	
Erosion, Extent : Severe, Area Affected : 100%								
Location : Entire Length Of Asset								
Backfill								
Fill								
Topsoil	10%	Now	$5,100	2058	* *			
Erosion, Extent : Severe, Area Affected : 10%								
Location : Vertical Cut Banks Above Revetment								
Not Accessible	90%							
Surface								
Asphalt	10%	Now	$7,100	2045	* *	5	$400	
Erosion, Extent : Severe, Area Affected : 10%								
Location : Offshore Portion Of Non-engineered Asphalt Berm At Top Of Embankment								
Asphalt	15%			2033	* *	5	$1,300	
Surface Wearing/Scaling, Extent : Moderate, Area Affected : 100%								
Location : Inshore Portion Of Non-engineered Asphalt Berm At Top Of Embankment								
Topsoil	75%	2-4	$31,600	2030	$31,600	5	$1,300	
Erosion, Extent : Severe, Area Affected : 50%								
Location : Entire Length Of Asset								
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Throughout								
Explanation : Heavy Vegetation And Debris								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$15,400			$6,100
Total	**$15,400**			**$6,100**
Importance Code A				
Importance Code B	$15,400			$6,100
Total	**$15,400**			**$6,100**

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 FACILITY/STEEL BULKHEAD UNDER WILLIAMSBURG BRIDGE

Asset # : 1796

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Sheet Piles								
Steel	20%			LIFE	* *			
Corrosion, Extent : Light, Area Affected : 25%								
Location : Throughout Above Mhw Elevation								
Not Accessible	80%							
Wales								
Steel	100%			LIFE	* *	5	$6,300	
Corrosion, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Pile Caps								
Concrete	100%			LIFE	* *	5	$800	
Backfill								
Fill								
Topsoil	5%	Now	$3,000	2067	* *			
Erosion, Extent : Severe, Area Affected : 100%								
Location : At Southern End Of Facility								
Not Accessible	95%							
Surface								
Concrete	95%			2040	* *	5	$2,900	
Concrete	5%	0-2	$5,000	2042	* *	5	$100	
Settlement, Extent : Moderate, Area Affected : 100%								
Location : Slab At Southern End Of Facility Beneath Masonry Wall								
Fender								
Wales and Chocks								
Timber	15%	Now	$7,400	2042	* *	4	$2,200	
Broken, Extent : Severe, Area Affected : 100%								
Location : Sections Between Abutments And North Of Abutments								
Timber	85%			2036	* *	4	$12,300	
Deck Elements								
Railing								
Fencing	100%			2028	$15,100	3	$100	
Corrosion, Extent : Moderate, Area Affected : 15%								
Location : At Base Of Posts On North End								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bulkheads	$54,100	$591,300
Total	**$54,100**	**$591,300**
Importance Code A	$54,100	
Importance Code B		$591,300
Total	**$54,100**	**$591,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$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
GRAVITY WALL AT HALLETS COVE
Asset # : 14022

Bulkheads	Current Repair			Future Replacement		Maintenance		
System / Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Gravity Wall								
Concrete	75%			LIFE	* *	5	$1,600	
Cracking, Extent : Light, Area Affected : 2%								
Location : Throughout								
Spalling, Extent : Light, Area Affected : 2%								
Location : Throughout								
Other Observation, Extent : Light, Area Affected : 10%								
Location : At Sta. 4+95 From North End								
Explanation : Void								
Concrete	25%	4+	$54,100	LIFE	* *	5	$500	
Cracking, Extent : Moderate, Area Affected : 50%								
Location : At Expansion Joint Sta. 3+96								
Spalling, Extent : Moderate, Area Affected : 25%								
Location : From Sta. 0+75 To Sta. 3+32								
Backfill								
Fill								
Not Accessible	100%							
Surface								
Concrete	60%			2036	* *	5	$3,500	
Topsoil	40%			2025	$11,600	5	$1,000	
Deck Elements								
Railing								
Aluminum	100%			2026	$196,400			
Parapet								
Concrete	100%			2028	$394,900			

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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **20-Oct-2016**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **1474**	**Lot**	: **60**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bulkheads	$829,500	$191,300
Total	**$829,500**	**$191,300**
Importance Code A	$829,500	$98,000
Importance Code B		$93,300
Total	**$829,500**	**$191,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$5,600	$1,400		
Total	**$5,600**	**$1,400**		
Importance Code B	$5,600	$1,400		
Total	**$5,600**	**$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

RELIEVING PLATFORM

Asset # : 4341

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								
Conc w/Stone Face	25%	2-4	$227,900	LIFE	* *	5	$24,500	
Erosion, Extent : Moderate, Area Affected : 25%								
Location : Throughout Above Granite Fascia Panels								
Conc w/Stone Face	10%	Now	$364,600	LIFE	* *	5	$9,800	
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Along Bottom Half Of Wall								
Explanation : Missing Granite Fascia Panel								
Conc w/Stone Face	65%	4+	$237,000	LIFE	* *	5	$63,700	
Erosion, Extent : Light, Area Affected : 10%								
Location : Throughout Above Granite Fascia Panels								
Piles and Bracing								
Not Accessible	100%							
Backfill								
Fill								
Not Accessible	100%							
Surface								
Asphalt	80%			2031	* *	5	$11,200	
Asphalt Pavers	20%			2037	* *	5	$2,800	
Deck Elements								
Railing								
Aluminum	20%			2027	$93,300			
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.*

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Bulkheads		$580,800
Total		**$580,800**
Importance Code B		$580,800
Total		**$580,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$67,300			$1,700
Total	**$67,300**			**$1,700**
Importance Code A	$38,700			
Importance Code B	$28,700			$1,700
Importance Code C				
Total	**$67,300**			**$1,700**

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

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
Structural								
Relieving Platform Top								
Concrete/Stone	5%	4+	$25,200	LIFE	* *			
Broken, Extent : Moderate, Area Affected : 40%								
Location : Broken Stone Facing 430 Ft From North								
Erosion, Extent : Moderate, Area Affected : 10%								
Location : Isolated At Top Of Bulkhead Throughout								
Missing Block Seal, Extent : Light, Area Affected : 50%								
Location : Throughout								
Spalling, Extent : Moderate, Area Affected : 20%								
Location : Isolated At Top Of Bulkhead Throughout								
Concrete/Stone	95%			LIFE	* *			
Cracking, Extent : Light, Area Affected : 5%								
Location : Throughout								
Coping/Curb								
Concrete	100%			LIFE	* *	5		$500
Cracking, Extent : Moderate, Area Affected : 5%								
Location : Located Within Southern 230 Ft Of Asset								
Piles and Bracing								
Not Accessible	100%							
Lowlevel Pile Caps								
Timber	5%	Now	$13,500	LIFE	* *			
Rotting/Splitting, Extent : Severe, Area Affected : 50%								
Location : Along Bulkhead Face Throughout								
Not Accessible	95%							
Backfill								
Fill								
Not Accessible	100%							
Surface								
Asphalt	17%			2040	* *	5		$1,100
Cracking, Extent : Moderate, Area Affected : 5%								
Location : Isolated Throughout								
Asphalt Pavers	83%			2040	* *	5		$5,500
Fender								
Piles								
Timber	20%	Now	$22,900	2042	* *	4		$2,800
Broken, Extent : Severe, Area Affected : 100%								
Location : Throughout								
Rotting/Splitting, Extent : Severe, Area Affected : 10%								
Location : Throughout								
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	$551,800			
Missing Coating, Extent : Light, Area Affected : 5%								
Location : Throughout								
Steel	5%	4+	$5,800	2026	$29,000			
Broken, Extent : Moderate, Area Affected : 100%								
Location : Broken And Deflected From Impact At 430 Ft From North								
Impact Damage, Extent : Moderate, Area Affected : 25%								
Location : Located 420 Ft To 441 Ft From North End								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **REVETMENT - RIPRAP BULKHEAD**				
Address	: **W 205TH TO W 206TH ST HARLEM RIVER,SUB 2 OF ASSET TYPE**				
Borough	: **MANHATTAN**			**Agency's Number**	: **N/A**
Program / Asset #	: **DOT0187.000 / 13798**			**Yr Built/Renovated**	:
Linear Ft	: **296**			**Project Type**	: **HIGHWAYS**
Date of Survey	: **14-Oct-2016**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **2186**	**Lot**	: **9**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Bulkheads	$88,600	
Total	**$88,600**	
Importance Code C	$88,600	
Total	**$88,600**	

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Bulkheads	$700			
Total	**$700**			
Importance Code B Importance Code C	$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

REVETMENT - RIPRAP BULKHEAD

Asset # : 13798

Bulkheads	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Structural								
Revetment								
Stone	65%	4+	$88,600	LIFE	* *	5	$1,200	
Erosion, Extent : Moderate, Area Affected : 85%								
Location : Throughout								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Throughout								
Explanation : Non-engineered, Inadequate Protection								
Stone	35%			LIFE	* *	5	$600	
Backfill								
Fill								
Not Accessible	100%							
Surface								
Topsoil	100%			2026	$16,600	5	$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.*

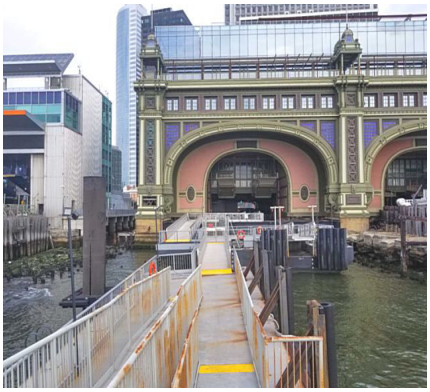
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE**
Address : **10 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 : **15-Mar-2019**
Landmark Status : **NONE**
Areas Surveyed :
Block : **2** **Lot** : **2** **BIN** :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Marinas/Docks		$555,900
Total		**$555,900**
Importance Code A		$555,900
Total		**$555,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$54,000	$1,000	$9,700	$7,800
Total	**$54,000**	**$1,000**	**$9,700**	**$7,800**
Importance Code A	$39,700			$3,800
Importance Code B	$13,600	$500	$9,300	$3,500
Importance Code C	$600	$500	$400	$500
Total	**$54,000**	**$1,000**	**$9,700**	**$7,800**



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
BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE
Asset # : 13891

Marinas/Docks	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Gangways								
Aluminum	75%			2050	* *	1-3	$30,300	
Aluminum	25%	Now	$13,300	2050	* *	1-3	$10,000	
Cracked Weld, Extent : Light, Area Affected : 10%								
Location : Northeast Side Of South Gangway Near Bearing Pad								
Handrail Damage, Extent : Severe, Area Affected : 33%								
Location : Security Gate Dislodged At Top Of South Gangway								
Loose Connections, Extent : Severe, Area Affected : 33%								
Location : Bottom Of South Gangway Plate Pin Dislodged, Missing Nut At Southeast Connection, Wearing On Rail								
Other Observation, Extent : Severe, Area Affected : 20%								
Location : At The North Connections Of The North Gangway								
Explanation : Loose Bearing Pads								
Piles and Bracing								
Steel	100%			2050	* *	5-10		
Corrosion, Extent : Light, Area Affected : 10%								
Location : Support Beam Flanges								
Floating Docks								
Anchor Piles								
Steel	75%			2050	* *	3-5		
Corrosion, Extent : Light, Area Affected : 25%								
Location : In Tidal Zone								
Missing Coating, Extent : Light, Area Affected : 25%								
Location : In Tidal Zone								
Not Accessible	25%							
Fenders								
Rubber	95%			2028	$5,900	1-2	$4,100	
Worn, Extent : Moderate, Area Affected : 20%								
Location : Above Waterline								
Rubber	5%	Now	$300	2030	$300	1-2	$200	
Broken, Extent : Severe, Area Affected : 100%								
Location : At South Pile Guide On South Barge								
Floats/Frames								
Steel	100%			2035	* *	5-10	$24,700	
Barge								
Steel	65%			2039	* *	5	$7,600	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Isolated Locations								
Other Observation, Extent : Light, Area Affected : 2%								
Location : At Gangway Landings								
Explanation : Abrasion								
Steel	5%	4+	$29,700	2039	* *	5	$300	
Not Plumb, Extent : Moderate, Area Affected : 50%								
Location : South Barge Is Listing To The West								
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
BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE
Asset # : 13891

Marinas/Docks	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railing								
Steel	90%			2028	$354,800			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Both Barges								
Steel	10%	4+	$7,900	2028	$39,400			
Corrosion, Extent : Light, Area Affected : 20%								
Location : South Barge								
Electrical								
Conduit								
PVC	95%			2026	$40,700			
Other Observation, Extent : Light, Area Affected : 10%								
Location : At Moving Connections Between Barges								
Explanation : Abrasion								
PVC	5%	Now	$2,100	2028	$2,100			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : At Gangway Landing At South Barge								
Explanation : Broken								
Lighting Fixture								
Incandescent	100%			2025	$118,800			
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : New LED Lights								
Movable Ramps								
Deck and Railing								
Steel	100%			2039	* *			

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **06-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **5644** **Lot** : **250**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Marinas/Docks		$1,157,700
Total		**$1,157,700**
Importance Code A		$1,157,700
Total		**$1,157,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$49,700	$500	$800	$100
Total	**$49,700**	**$500**	**$800**	**$100**
Importance Code A	$48,800		$800	
Importance Code B	$900	$500		$100
Total	**$49,700**	**$500**	**$800**	**$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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	50%			2028	$49,000	5	$1,400	
Surface Wearing/Scaling, Extent : Light, Area Affected : 50%								
Location : Isolated At Top Of Deck								
Not Accessible	50%							
Gangways								
Aluminum	10%	4+	$800	2040	* *	1-3	$200	
Cracked Weld, Extent : Severe, Area Affected : 5%								
Location : Upland End Of Gangway								
Aluminum	90%			2040	* *	1-3	$1,700	
Pile Caps								
Not Accessible	100%							
Piles and Bracing								
Not Accessible	100%							
Floating Docks								
Anchor Piles								
Timber	60%			2031	* *	4-5	$600	
Abrasion, Extent : Moderate, Area Affected : 10%								
Location : In Tidal Zone								
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : At Floating Dock								
Not Accessible	40%							
Floats/Frames								
Timber	45%			2035	* *			
Wearing, Extent : Light, Area Affected : 100%								
Location : Surface Of Floating Dock								
Timber	5%	4+	$1,200	2035	* *			
Roller Malfunction, Extent : Moderate, Area Affected : 50%								
Location : Seized Roller Guides And Loose Chains As Pile Guides								
Not Accessible	50%							
Fender								
Facing								
Timber	50%			2029	$1,108,700			
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : South Rack								
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Tidal Zone Of The South Rack								
Explanation : Abrasion								
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender								
Piles								
Timber	30%	2-4	$34,400	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : South Fender Cluster								
Explanation : Rotting, Splitting, Leaning/ Impact								
Timber	20%			2034	* *			
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : South Fender Rack								
Not Accessible	50%							
Wales and Chocks								
Timber	10%	2-4	$13,000	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Primarily North Fender Rack								
Explanation : Rotting, Splitting								
Timber	65%			2034	* *			
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : At South Rack								
Not Accessible	25%							
Gallows Frames								
Tower Frames								
Timber	90%			2039	* *			
Recent Replace Evident, Extent : Light, Area Affected : 10%								
Location : New Hardware And Localized Areas Of New Timber Members								
Other Observation, Extent : Light, Area Affected : 5%								
Location : Isolated Areas On Timber Framework								
Explanation : Splitting								
Not Accessible	10%							
Movable Ramps								
Bearings								
Steel	10%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : At All Steel Bearing Surfaces								
Explanation : Moderate Corrosion								
Timber	40%			2033	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Timber Bearing Surfaces								
Explanation : Abrasion/ Wearing								
Not Accessible	50%							
Deck and Railing								
Timber Deck on Steel	50%			2039	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : Steel Deck Framing And Isolated On Rail								
Explanation : Corrosion								
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.*

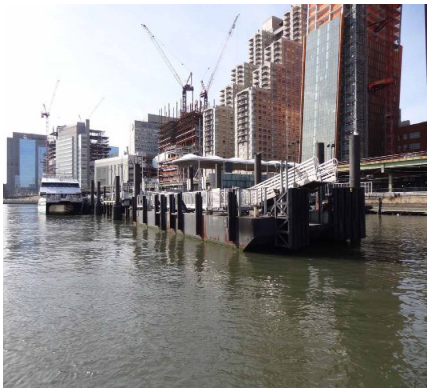
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Marinas/Docks	$39,600	$1,036,500
Total	**$39,600**	**$1,036,500**
Importance Code A	$39,600	$1,036,500
Total	**$39,600**	**$1,036,500**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$14,400	$200	$39,200	$200
Total	**$14,400**	**$200**	**$39,200**	**$200**
Importance Code A	$14,100		$33,400	
Importance Code B	$200	$200	$5,800	$200
Total	**$14,400**	**$200**	**$39,200**	**$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
EAST 34TH ST FERRY LANDING BARGES
Asset # : 14193

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
Access Walkways								
Gangways								
Aluminum	100%			2053	* *	1-3	$19,000	
Other Observation, Extent : Light, Area Affected : 5%								
Location : Connection At South Barge Toe Plate Bolt								
Explanation : Bent Connection Damage								
Floating Docks								
Anchor Piles								
Steel	50%			2047	* *	3-5		
Missing Coating, Extent : Light, Area Affected : 10%								
Location : Along Guides								
Not Accessible	50%							
Fenders								
Rubber	100%			2025		1-2		
Worn, Extent : Light, Area Affected : 15%								
Location : Slips S.1, S.2 And All Slips On North Barge; Worn Moderate On Fender Panels At Berths N.1 And S.3								
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : Bent Steel Bracket At Slip S.2								
Explanation : Impact Damage								
Barge								
Steel	30%			2036	* *	5	$11,300	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Located At Weld And Rivet Connections								
Not Accessible	70%							
Deck Elements								
Railing								
Steel	95%			2025	$902,600			
Handrail Damage, Extent : Light, Area Affected : 10%								
Location : Impact Damage At The South Barge, Berth S.2								
Steel	5%	4+	$4,800	2025	$47,500			
Corrosion, Extent : Light, Area Affected : 100%								
Location : North Barge West Slip								
Missing Coating, Extent : Light, Area Affected : 100%								
Location : North Barge West Slip								
Electrical								
Conduit								
Steel	50%			2025	$72,000			
Steel	10%	Now	$2,900	2027	$14,400			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : At South End Of North Barge, East And West Sides Of Access Gangway								
Explanation : Abrasion Damage/ Broken Fitting								
PVC	40%			2023	$33,400			

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 34TH ST FERRY LANDING BARGES
Asset # : 14193

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
Electrical								
Lighting Fixture								
Incandescent	90%			2021	$35,600			
Incandescent	10%	Now	$200	2022	$4,000			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Located At Northwest Corner Of The South Barge								
Explanation : Broken Light Bulb								
Movable Ramps								
Deck and Railing								
Steel	90%			2036	* *			
Steel	10%	4+	$700	2036	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Bent Toe Plates At Slips S.3 And N.3								
Explanation : Damaged Toe Plates								

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

Print Date : 15-Nov-2019

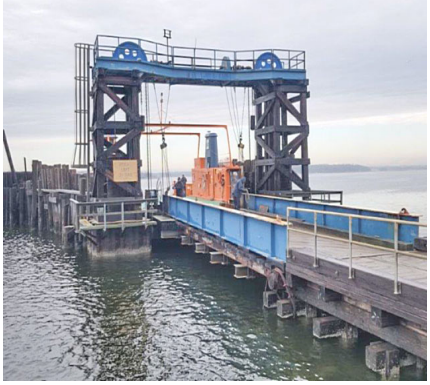
DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **HART ISLAND FERRY DOCK**
Address : **HART ISLAND**
Borough : **BRONX**
Program / Asset # : **DOT0193.000 / 13892**
Area Sq Ft : **1,600**
Date of Survey : **08-Feb-2019**
Areas Surveyed :
Block : **5649** **Lot** : **1**

Agency's Number : **N/A**
Yr Built/Renovated :
Project Type : **FERRIES**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Marinas/Docks	$293,600	$344,700
Total	**$293,600**	**$344,700**
Importance Code A	$293,600	$344,700
Total	**$293,600**	**$344,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$45,100	$1,700	$1,800	
Total	**$45,100**	**$1,700**	**$1,800**	
Importance Code A	$45,100	$1,700	$1,800	
Total	**$45,100**	**$1,700**	**$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

HART ISLAND FERRY DOCK

Asset # : 13892

Marinas/Docks	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Timber	100%			2028	$127,300	5	$3,600	
Surface Wearing/Scaling, Extent : Light, Area Affected : 40%								
Location : Top Of Deck								
Pile Caps								
Timber	100%			2050	* *	4	$3,500	
Splitting, Extent : Light, Area Affected : 5%								
Location : Isolated Locations								
Piles and Bracing								
Timber	10%	4+	$8,700	2050	* *	4-5	$900	
Missing Connections, Extent : Severe, Area Affected : 50%								
Location : Fishplate On South Side								
Splitting, Extent : Moderate, Area Affected : 50%								
Location : Northwest Corner								
Timber	90%			2050	* *	4-5	$16,100	
Splitting, Extent : Light, Area Affected : 20%								
Location : Isolated Locations								
Fender								
Facing								
Timber	40%			2028	$173,900			
Other Observation, Extent : Light, Area Affected : 15%								
Location : Band Across Facing Due To Ferry Berthing								
Explanation : Abrasion								
Timber	10%	Now	$43,500	2030	$43,500			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : At Waterline Throughout Fender Rack								
Explanation : Broken Fender Piles								
No Component	50%							
Piles								
Timber	40%			2034	* *			
Recent Repair Evident, Extent : Light, Area Affected : 100%								
Location : Both Sides Of Fender Rack								
Timber	10%	Now	$139,600	2035	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : At The Waterline Throughout Fender Rack								
Explanation : Brokn Fender Piles								
Not Accessible	50%							
Wales and Chocks								
Timber	75%			2034	* *			
Not Accessible	25%							
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		
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%			2039	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : Isolated Locations At Steel Framework								
Explanation : Corrosion And Coating Loss								
Steel	25%	4+	$60,300	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Above Mean Low Water								
Explanation : Corrosion								
Timber	50%			2039	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : At Southwest Corner And Isolated Locations								
Explanation : Cracking, Splitting								
Movable Ramps								
Bearings								
Steel	50%	2-4	$50,200	2039	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : At All Bearing Locations								
Explanation : Corrosion								
Timber	50%	2-4	$29,800	2039	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Along All Timber Bearing Elements								
Explanation : Abrasion And Leaning								
Deck and Railing								
Timber Deck on Steel	70%			2039	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Timber Deck And Timber Stringers								
Explanation : Weathering								
Timber Deck on Steel	5%	4+	$6,600	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 20%								
Location : Steel Hardware At Timber Beams Beneath Timber Deck								
Explanation : Corrosion								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **ST. GEORGE FERRY TERMINAL FERRY SLIP 1**
Address : **1 BAY STREET**
Borough : **STATEN ISLAND**
Program / Asset # : **DOT0192.010 / 13894**
Area Sq Ft : **4,000**
Date of Survey : **05-Mar-2019**
Areas Surveyed :
Block : **2** **Lot** : **1**

Agency's Number : **N/A**
Yr Built/Renovated :
Project Type : **FERRIES**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Marinas/Docks		$1,467,400
Total		**$1,467,400**
Importance Code A		$1,467,400
Total		**$1,467,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$29,400	$100	$900	$100
Total	**$29,400**	**$100**	**$900**	**$100**
Importance Code A	$29,300			
Importance Code B	$100	$100	$900	$100
Total	**$29,400**	**$100**	**$900**	**$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		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Gangways								
Aluminum	50%			2050	* *	1-3	$2,300	
Other Observation, Extent : Light, Area Affected : 5%								
Location : At Hinge								
Explanation : Corrosion								
Timber	50%			2029	$6,500	1-3	$900	
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : North Fender Rack Entrance								
Fender								
Facing								
Timber	98%			2028	$1,438,100			
Other Observation, Extent : Light, Area Affected : 30%								
Location : Above Tidal Zone Due To Ferry Berthing								
Explanation : Abrasion								
Timber	2%	Now	$29,300	2030	$29,300			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : At South End								
Explanation : Broken / Missing								
Piles								
Timber	70%			2031	* *			
Not Accessible	30%							
Wales and Chocks								
Timber	100%			2031	* *			
Gallows Frames								
Tower Frames								
Timber	100%			2043	* *			
Recent Replace Evident, Extent : Light, Area Affected : 100%								
Location : Slip Entrance								

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

Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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	: **01-Mar-2019**	**Landmark Status**	: **NONE**
Areas Surveyed	:		
Block	: **2** **Lot** : **1**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Marinas/Docks	$2,056,700	$4,773,900
Total	**$2,056,700**	**$4,773,900**
Importance Code A	$2,056,700	$4,773,900
Total	**$2,056,700**	**$4,773,900**

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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Piles and Bracing								
Steel	70%			2050	* *	5-10		
Corrosion, Extent : Moderate, Area Affected : 50%								
Location : Cross Bracing								
Other Observation, Extent : Light, Area Affected : 100%								
Location : Concrete Encasements								
Explanation : Erosion								
Not Accessible	30%							
Fender								
Facing								
Timber	85%			2025	$4,508,700			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Above Tidal Zone Due To Ferry Berthing								
Explanation : Abrasion								
Timber	5%	Now	$265,200	2030	$265,200			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Most Severe At Elements At South Ends And North Side Of Slip 3								
Explanation : Broken / Missing								
Under Construction	10%							
Piles								
Timber	5%	0-2	$275,600	2035	* *			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : North Side Of Slip 3								
Explanation : Broken								
Timber	55%	Now	$1,515,900	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : At Top Of Piles								
Explanation : Splitting								
Not Accessible	30%							
Under Construction	10%							
Wales and Chocks								
Timber	55%			2031	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Isolated Locations								
Explanation : Rotting / Splitting								
Not Accessible	35%							
Under Construction	10%							
Gallows Frames								
Tower Frames								
Steel	100%			2039	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Isolated Locations								
Explanation : Coating Loss and Corrosion								
Movable Ramps								
Bearings								
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
ST. GEORGE FERRY TERMINAL FERRY SLIPS 3 - 6
Asset # : 13896

Marinas/Docks	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Movable Ramps								
Deck and Railing								
Steel	70%			2039	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Ramp Surfaces Which Are 50/50 Asphalt/Steel								
Explanation : Cracking / Coating Loss								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **ST. GEORGE FERRY TERMINAL SLIP 7**
Address : **1 BAY STREET**
Borough : **STATEN ISLAND**
Program / Asset # : **DOT0192.040 / 13897**
Area Sq Ft : **4,500**
Date of Survey : **01-Mar-2019**
Areas Surveyed :
Block : **2** **Lot** : **1**

Agency's Number : **N/A**
Yr Built/Renovated :
Project Type : **FERRIES**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Marinas/Docks	$601,500	$451,300
Total	**$601,500**	**$451,300**
Importance Code A	$547,600	$451,300
Importance Code C	$53,900	
Total	**$601,500**	**$451,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$5,300		$4,500	$13,700
Total	**$5,300**		**$4,500**	**$13,700**
Importance Code A	$5,300		$500	$13,700
Importance Code C			$4,000	
Total	**$5,300**		**$4,500**	**$13,700**

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 SLIP 7
Asset # : 13897

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
Access Walkways								
Deck								
Concrete	35%			2039	* *	5	$5,900	
Timber	5%			2028	$32,000	5	$900	
Not Accessible	60%							
Pile Caps								
Concrete	10%			2050	* *	5	$2,300	
Not Accessible	90%							
Piles and Bracing								
Concrete Encased	45%			2050	* *			
Timber								
Steel	5%	Now	$182,500	2060	* *	5	$200	
Corrosion, Extent : Severe, Area Affected : 50%								
Location : Steel Bracing Mostly On North End								
Steel	10%	4+	$365,100	2060	* *	5	$300	
Corrosion, Extent : Moderate, Area Affected : 100%								
Location : Steel Bracing								
Not Accessible	40%							
Launch/Haulout								
Piles and Bracing								
Steel	60%			2056	* *	5-10		
Not Accessible	40%							
Protective Structure								
Pile Cluster								
Timber	60%			2031	* *	4-10	$62,000	
Not Accessible	40%							
Deck Elements								
Railing								
Steel	90%			2028	$427,500			
Missing Coating, Extent : Light, Area Affected : 5%								
Location : Entire Length Of Handrail								
Steel	5%	4+	$2,400	2028	$23,800			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Impact Damage At West Face Under Building With Loose Connection And Broken Balluster								
Explanation : Impact Damage								
Timber	5%			2024	$3,800			
Electrical								
Lighting Fixture								
Incandescent	30%	Now	$3,000	2025	$3,000			
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Base Of Light Pole On South Access Walkway								
Explanation : Corrosion								
Incandescent	70%			2024	$6,900			
Fender								
Facing								
Timber	3%			2028				
No Component	97%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender								
Piles								
Timber	7%			2031	* *			
No Component	85%							
Not Accessible	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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name : **ST. GEORGE FERRY TERMINAL SLIP 8 AND 69TH STREET SLIP**
Address : **1 BAY STREET**
Borough : **STATEN ISLAND**
Program / Asset # : **DOT0192.050 / 13898**
Area Sq Ft : **850**
Date of Survey : **28-Feb-2019**
Areas Surveyed :
Block : **2** **Lot** : **1**

Agency's Number : **N/A**
Yr Built/Renovated :
Project Type : **FERRIES**
Landmark Status : **NONE**
BIN :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Marinas/Docks	$858,600	$1,335,300
Total	**$858,600**	**$1,335,300**
Importance Code A	$858,600	$887,900
Importance Code C		$447,400
Total	**$858,600**	**$1,335,300**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$73,100	$200	$2,300	$15,500
Total	**$73,100**	**$200**	**$2,300**	**$15,500**
Importance Code A	$41,300	$200	$500	$8,000
Importance Code B	$100	$100	$1,800	$100
Importance Code C	$31,700			$7,400
Total	**$73,100**	**$200**	**$2,300**	**$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

ST. GEORGE FERRY TERMINAL SLIP 8 AND 69TH STREET SLIP

Asset # : 13898

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
Access Walkways								
Deck								
Steel	50%	4+	$21,200	2050	* *			
Corrosion, Extent : Light, Area Affected : 80%								
Location : Slip 8								
Missing Coating, Extent : Light, Area Affected : 80%								
Location : Slip 8								
Timber	40%			2028	$34,100	5	$1,000	
Surface Wearing/Scaling, Extent : Light, Area Affected : 100%								
Location : 69th Street Slip								
Timber	10%	2-4	$8,500	2030	$8,500	5	$100	
Surface Wearing/Scaling, Extent : Severe, Area Affected : 80%								
Location : South End Of 69th Street Slip								
Gangways								
Aluminum	100%			2050	* *	1-3	$5,900	
Piles and Bracing								
Timber	40%			2050	* *	4-5	$4,800	
Rotting/Splitting, Extent : Light, Area Affected : 30%								
Location : 69th Street Slip In Tidal Zone								
Timber	5%	0-2	$5,800	2060	* *	4-5	$300	
Splitting, Extent : Moderate, Area Affected : 20%								
Location : Bottom Connections Of Timber Bracing At Isolated Locations								
Timber	5%	Now	$5,800	2060	* *	4-5	$300	
Broken, Extent : Severe, Area Affected : 50%								
Location : Timber Bracing At Isolated Locations								
Not Accessible	50%							
Protective Structure								
Pile Cluster								
Timber	55%			2028	$348,700	4-10	$113,600	
Splitting, Extent : Light, Area Affected : 15%								
Location : Tops Of Piles At Isolated Locations								
Timber	5%	Now	$31,700	2035	* *	4	$1,300	
Broken, Extent : Severe, Area Affected : 100%								
Location : Broken Cluster At Offshore End Of 69th Street Slip Fender Rack								
Not Accessible	40%							
Deck Elements								
Railing								
Steel	50%			2028	$49,900			
Timber	50%			2024	$8,000			
Fender								

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

DEPARTMENT OF TRANSPORTATION - 841

ST. GEORGE FERRY TERMINAL SLIP 8 AND 69TH STREET SLIP

Asset # : 13898

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
Fender								
Piles								
Timber	10%	Now	$147,000	2035	* *			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Offshore End Of 69th Street Fender Rack And Isolated Locations								
Explanation : Broken								
Timber	30%			2031	* *			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Tops Of Piles At Isolated Locations								
Explanation : Splitting								
Timber	40%	4+	$588,000	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : Band Of Wear Due To Ferry Berthing								
Explanation : Wear								
Not Accessible	20%							
Wales and Chocks								
Timber	20%	4+	$39,800	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Isolated Locations At Both Slips								
Explanation : Splitting/ Rotting								
Timber	80%			2028	$795,300			
Gallows Frames								
Tower Frames								
Timber	20%	2-4	$83,900	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 50%								
Location : Isolated Elements At Both Slips								
Explanation : Splitting/ Rotting								
Timber	80%			2039	* *			

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

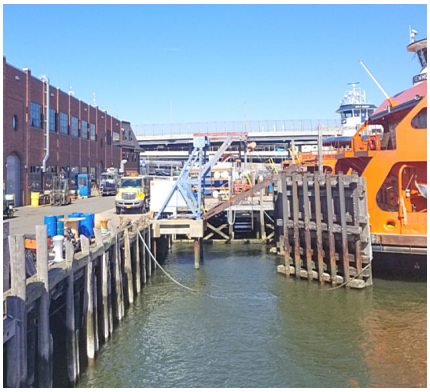
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 : **28-Feb-2019**
Landmark Status : **NONE**
Areas Surveyed :
Block : **1** **Lot** : **70** **BIN** :

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Marinas/Docks	$642,500	$247,800
Total	**$642,500**	**$247,800**
Importance Code A	$606,600	$247,800
Importance Code C	$35,900	
Total	**$642,500**	**$247,800**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$100	$100	$4,100	$18,300
Total	**$100**	**$100**	**$4,100**	**$18,300**
Importance Code A				$18,200
Importance Code B	$100	$100	$1,400	$100
Importance Code C			$2,700	
Total	**$100**	**$100**	**$4,100**	**$18,300**



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

ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, AND PHANTOM

Asset # : 13899

Marinas/Docks	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Concrete	100%			2039	* *	5	$4,500	
Cracking, Extent : Light, Area Affected : 10%								
Location : All Slips								
Spalling, Extent : Light, Area Affected : 2%								
Location : Phantom Slip								
Gangways								
Aluminum	100%			2050	* *	1-3	$4,700	
Piles and Bracing								
Steel	50%			2040	* *	5-10	$13,800	
Corrosion, Extent : Moderate, Area Affected : 40%								
Location : In Tidal Zone And Splash Zone At All Slips								
Missing Coating, Extent : Moderate, Area Affected : 40%								
Location : In Tidal Zone And Splash Zone At All Slips								
Not Accessible	50%							
Protective Structure								
Pile Cluster								
Timber	60%			2031	* *	4-10	$41,300	
Not Accessible	40%							
Deck Elements								
Railing								
Timber	100%			2024	$16,000			
Wearing, Extent : Light, Area Affected : 100%								
Location : Phantom Slip								
Fender								
Facing								
Timber	90%	4+	$234,800	2030	$234,800			
Other Observation, Extent : Moderate, Area Affected : 75%								
Location : Band Of Abrasion Due To Ferry Berthing								
Explanation : Abrasion								
Timber	5%	0-2	$13,000	2030	$13,000			
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Outer Portions Of Fender Facing								
Explanation : Abrasion								
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		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender								
Piles								
Steel	25%	0-2	$189,500	2035	* *			
Other Observation, Extent : Severe, Area Affected : 25%								
Location : Corrosion Holes At Hardware Connections In Tidal Zone At B2 North And B2 South								
Explanation : Corrosion								
Steel	15%	Now	$113,700	2035	* *			
Broken, Extent : Severe, Area Affected : 10%								
Location : Broken Inshore Piles Due To Corrosion At Hardware Holes At B2 North And B2 South								
Steel	10%	4+	$15,200	2031	* *			
Corrosion, Extent : Moderate, Area Affected : 30%								
Location : Tidal And Splash Zones At Phantom Slip								
Timber	10%			2031	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : Tops Of Piles At Phantom Slip								
Explanation : Splitting								
Not Accessible	40%							
Wales and Chocks								
Timber	100%			2031	* *			
Other Observation, Extent : Light, Area Affected : 25%								
Location : All Slips								
Explanation : Splitting								
Gallows Frames								
Tower Frames								
Steel	67%	4+	$40,400	2039	* *			
Other Observation, Extent : Light, Area Affected : 30%								
Location : Support Brackets At B2 North And B2 South								
Explanation : Corrosion								
Timber	33%			2043	* *			
Other Observation, Extent : Light, Area Affected : 100%								
Location : Phantom Slip								
Explanation : Recent Replace								
Movable Ramps								
Bearings								
Steel	100%			2039	* *			
Deck and Railing								
Steel	100%			2039	* *			
Other Observation, Extent : Light, Area Affected : 50%								
Location : B2 North And B2 South								
Explanation : Coating Loss And 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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Marinas/Docks	$66,800	$810,400
Total	**$66,800**	**$810,400**
Importance Code A	$66,800	$810,400
Total	**$66,800**	**$810,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$11,300	$9,400	$34,800	$1,100
Total	**$11,300**	**$9,400**	**$34,800**	**$1,100**
Importance Code A	$8,000	$300	$28,800	
Importance Code B	$200	$200	$5,300	$200
Importance Code C	$3,100	$8,900	$700	$800
Total	**$11,300**	**$9,400**	**$34,800**	**$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

WALL STREET FERRY PIER SLIPS A, C, E NORTH SIDE PIER 11

Asset # : 14194

Marinas/Docks	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Steel	100%			2053	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : At Bottom Of Gangways								
Gangways								
Aluminum	100%			2053	* *	1-3	$17,600	
Floating Docks								
Anchor Piles								
Steel	45%			2047	* *	3-5	$11,900	
Corrosion, Extent : Light, Area Affected : 20%								
Location : Above Mlw Elevation And At Slip E Piles								
Missing Coating, Extent : Moderate, Area Affected : 20%								
Location : Above Mlw Elevation								
Not Accessible	55%							
Fenders								
Rubber	75%			2022	$8,100	1-2	$5,700	
Worn, Extent : Light, Area Affected : 100%								
Location : Throughout								
Rubber	25%	2-4	$2,700	2027	$2,700	1-2	$1,700	
Worn, Extent : Moderate, Area Affected : 40%								
Location : Isolated At Fenders All Slips At North Side								
Barge								
Steel	40%			2036	* *	5	$15,900	
Corrosion, Extent : Light, Area Affected : 25%								
Location : Isolated On All Barge Surfaces And Sides, But Concentrated On Slip E Barge								
Not Accessible	60%							
Protective Structure								
Donut Fender								
Steel/Rubber	60%			2026				
No Component	40%							
Deck Elements								
Railing								
Steel	100%			2025	$810,400			
Electrical								
Conduit								
PVC	100%			2023	$25,000			
Lighting Fixture								
Incandescent	100%			2021	$66,800			
Movable Ramps								
Deck and Railing								
Steel	100%			2036	* *			
Other Observation, Extent : Light, Area Affected : 75%								
Location : On Mechanical Elements								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Marinas/Docks	$39,600	$638,700
Total	**$39,600**	**$638,700**
Importance Code A	$39,600	$638,700
Total	**$39,600**	**$638,700**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$6,400	$4,100	$20,600	$500
Total	**$6,400**	**$4,100**	**$20,600**	**$500**
Importance Code A	$5,400		$16,800	
Importance Code B	$200	$200	$3,600	$200
Importance Code C	$800	$4,000	$300	$300
Total	**$6,400**	**$4,100**	**$20,600**	**$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

WALL STREET FERRY PIER SLIPS B, D SOUTH SIDE PIER 11

Asset # : 14265

Marinas/Docks	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Steel	100%			2053	* *			
Corrosion, Extent : Light, Area Affected : 5%								
Location : On Gangway Supports And At Bottom Of Gangways								
Gangways								
Aluminum	100%			2053	* *	1-3	$11,700	
Floating Docks								
Anchor Piles								
Steel	45%			2053	* *	3-5	$5,900	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Above Mlw Elevation								
Missing Coating, Extent : Moderate, Area Affected : 10%								
Location : Above Mlw Elevation								
Not Accessible	55%							
Fenders								
Rubber	15%	0-2	$600	2027	$600	1-2	$400	
Worn, Extent : Moderate, Area Affected : 30%								
Location : Fenders On East Side Of Slip D								
Rubber	85%			2022	$3,600	1-2	$2,500	
Worn, Extent : Light, Area Affected : 100%								
Location : Throughout								
Barge								
Steel	40%			2036	* *	5	$10,800	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Isolated On Barge Surface At Slip D, And Along Sides Of Barges Above The Waterline								
Not Accessible	60%							
Deck Elements								
Railing								
Steel	100%			2025	$638,700			
Electrical								
Conduit								
PVC	100%			2023	$14,800			
Lighting Fixture								
Incandescent	100%			2021	$39,600			
Movable Ramps								
Deck and Railing								
Steel	100%			2036	* *			
Other Observation, Extent : Light, Area Affected : 75%								
Location : On Mechanical Elements								
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.*

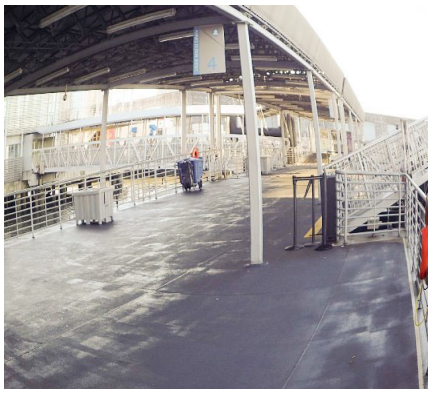
Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Marinas/Docks	$307,000	$1,009,900
Total	**$307,000**	**$1,009,900**
Importance Code A	$307,000	$1,009,900
Total	**$307,000**	**$1,009,900**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$72,700	$2,000	$16,800	$2,700
Total	**$72,700**	**$2,000**	**$16,800**	**$2,700**
Importance Code A	$60,300			
Importance Code B	$1,700	$700	$14,800	$1,400
Importance Code C	$10,700	$1,300	$2,000	$1,300
Total	**$72,700**	**$2,000**	**$16,800**	**$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

WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER

Asset # : 14195

Marinas/Docks	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : Beneath Base Plates At North And South Gangways, East Ends								
Explanation : Deteriorated Grout Pads								
Piles and Bracing								
Steel	50%			2047	* *	5-10	$1,100	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Above Mlw								
Missing Coating, Extent : Light, Area Affected : 20%								
Location : Above Mlw								
Not Accessible	50%							
Floating Docks								
Anchor Piles								
Steel	50%			2047	* *	3-5		
Corrosion, Extent : Light, Area Affected : 10%								
Location : Above Mlw								
Missing Coating, Extent : Light, Area Affected : 15%								
Location : Above Mlw								
Not Accessible	50%							
Fenders								
Rubber	60%			2025	$14,200	1-2	$10,000	
Rubber	40%	2-4	$9,500	2027	$9,500	1-2	$5,900	
Worn, Extent : Moderate, Area Affected : 50%								
Location : At Contact Point With Ferries								
Railing								
Steel	100%			2025	$898,200			
Broken, Extent : Light, Area Affected : 10%								
Location : Mid Rail At Slip 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.*

DEPARTMENT OF TRANSPORTATION - 841

WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER

Asset # : 14195

Marinas/Docks	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Floating Docks								
Barge								
Steel	48%			2036	* *	5	$69,000	
Corrosion, Extent : Moderate, Area Affected : 2%								
Location : Isolated Throughout Top And Sides Of Barges And At Access Hatches								
Displaced Component, Extent : Light, Area Affected : 10%								
Location : Up To 2 Inches At Connections Between Center Barge And North And South Barges								
Worn, Extent : Moderate, Area Affected : 5%								
Location : On Vertical Faces Of Barges At Barge Pin Connections, West Side								
Other Observation, Extent : Light, Area Affected : 1%								
Location : On Side Of Barge, Northeast Corner								
Explanation : Impact Damage In Center Barge								
Steel	2%	4+	$24,200	2036	* *	5	$1,400	
Corrosion, Extent : Severe, Area Affected : 2%								
Location : Hole In Access Hatch, East Side Of North Barge								
Not Accessible	50%							
Electrical								
Conduit								
Steel	98%			2025	$74,300			
Steel	2%	Now	$1,500	2027	$1,500			
Other Observation, Extent : Moderate, Area Affected : 10%								
Location : At East Side Of South Barge, South Of Gangway								
Explanation : Detached Grounding Cable								
Lighting Fixture								
Incandescent	100%			2021	$267,300			
Fender								
Piles								
Timber	50%	Now	$26,500	2032	* *			
Other Observation, Extent : Severe, Area Affected : 50%								
Location : At North Dolphin								
Explanation : Broken Piles								
Timber	25%	2-4	$13,200	2032	* *			
Other Observation, Extent : Moderate, Area Affected : 25%								
Location : At South Dolphin								
Explanation : Abrasion Damage And Broken Wire Rope								
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 : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

Asset Name	: **WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3**				
Address	: **4 WHITEHALL STREET**				
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	: **14-Mar-2019**			**Landmark Status**	: **NONE**
Areas Surveyed	:				
Block	: **2**	**Lot**	: **1**	**BIN**	:

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Marinas/Docks	$2,066,300	$2,282,600
Total	**$2,066,300**	**$2,282,600**
Importance Code A	$2,066,300	$2,282,600
Total	**$2,066,300**	**$2,282,600**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$13,600			
Total	**$13,600**			
Importance Code A	$13,600			
Total	**$13,600**			

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
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
Access Walkways								
Deck								
Concrete	45%			2039	* *	5		
Cracking, Extent : Light, Area Affected : 5%								
Location : Isolated Locations In Deck Surface								
Timber	5%			2028		5		
Not Accessible	50%							
Piles and Bracing								
Steel	10%			2050	* *	5-10		
Corrosion, Extent : Light, Area Affected : 30%								
Location : Above Mean Low Water								
Not Accessible	90%							
Electrical								
Lighting Fixture								
Sodium	16%	Now	$4,700	2024	$23,400			
Other Observation, Extent : Light, Area Affected : 10%								
Location : Two Lights Out At Slip 1, Three Lights Out At Slip 2, Three Lights Out At Slip 3								
Explanation : Broken								
Sodium	84%			2024	$122,900			
Fender								
Facing								
Timber	10%	2-4	$228,300	2030	$228,300			
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Most Severe At North Ends Of Slips								
Explanation : Abrasion								
Timber	88%			2025	$2,008,700			
Other Observation, Extent : Light, Area Affected : 30%								
Location : Band Of Abrasion Due To Ferry Berthing								
Explanation : Abrasion								
Timber	2%	Now	$45,700	2030	$45,700			
Other Observation, Extent : Severe, Area Affected : 100%								
Location : Predominantly At Slip 2								
Explanation : Broken Elements								
Piles								
Timber	5%	Now	$826,800	2035	* *			
Other Observation, Extent : Severe, Area Affected : 40%								
Location : Clusters At Offshore Ends Of Slips								
Explanation : Broken								
Timber	10%	4+	$165,400	2035	* *			
Other Observation, Extent : Moderate, Area Affected : 30%								
Location : At Isolated Locations								
Explanation : Impact Damage								
Timber	45%			2031	* *			
Other Observation, Extent : Light, Area Affected : 5%								
Location : At Tops Of Piles								
Explanation : Splitting								
Not Accessible	40%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
Estimates are rounded to the nearest hundred dollars.
Maintenance $ are aggregated over a ten-year period. Site 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
Fender								
Wales and Chocks								
Timber	30%	2-4	$653,900	2031	* *			
Other Observation, Extent : Moderate, Area Affected : 40%								
Location : Isolated Top 10 Feet								
Explanation : Rotting / Splitting								
Timber	30%			2031	* *			
Not Accessible	40%							
Gallows Frames								
Tower Frames								
Steel	100%			2039	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Areas Of Missing Coating								
Explanation : Coating Damage								
Movable Ramps								
Bearings								
Not Accessible	100%							
Deck and Railing								
Steel	65%			2039	* *			
Other Observation, Extent : Light, Area Affected : 2%								
Location : Railing								
Explanation : Coating Loss								
Steel	5%	4+	$8,900	2039	* *			
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Slip 2 Bottom Ramp								
Explanation : Wearing / Scaling								
Not Accessible	30%							

Note : All component repairs $ estimates are in current dollars and are not escalated for potential future inflation.
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Print Date : 15-Nov-2019

DEPARTMENT OF TRANSPORTATION - FY 2020

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 2021 - 2024	FY 2025 - 2030
Marinas/Docks		$304,400
Total		**$304,400**
Importance Code A		$304,400
Total		**$304,400**

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Marinas/Docks	$41,100	$400	$500	$2,400
Total	**$41,100**	**$400**	**$500**	**$2,400**
Importance Code A	$14,700		$400	$400
Importance Code B	$26,300	$100	$100	$2,000
Importance Code C	$100	$300	$100	$100
Total	**$41,100**	**$400**	**$500**	**$2,400**

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DEPARTMENT OF TRANSPORTATION - 841
YANKEE STADIUM FERRY LANDING
Asset # : 14196

Marinas/Docks	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Gangways								
Steel	100%	Now	$26,300	2057	* *	1-3	$6,600	
Corrosion, Extent : Light, Area Affected : 15%								
Location : At Underside And Along Surface Of East And West Gangways								
Other Observation, Extent : Severe, Area Affected : 10%								
Location : Both North And South Support Beams Sheared At West End								
Explanation : Broken								
Floating Docks								
Anchor Piles								
Steel	25%			2047	* *	3-5	$1,100	
Corrosion, Extent : Light, Area Affected : 5%								
Location : Above Waterline								
Other Observation, Extent : Light, Area Affected : 20%								
Location : Above Waterline								
Explanation : Abrasion								
Steel	25%	0-2	$2,700	2057	* *	3-5	$1,100	
Not Plumb, Extent : Severe, Area Affected : 50%								
Location : North Anchor Pile								
Not Accessible	50%							
Deck								
Steel	100%			2025	$2,800			
Corrosion, Extent : Light, Area Affected : 10%								
Location : Surface And Underside Of Elevated Platform								
Fenders								
Rubber	25%			2025	$500	1-2	$400	
Worn, Extent : Light, Area Affected : 2%								
Location : Rubber Tires At West Side								
Rubber	25%			2025	$500	1-2	$400	
Worn, Extent : Light, Area Affected : 2%								
Location : North Face Of Barge								
Timber	25%			2025	$300	3	$800	
Worn, Extent : Light, Area Affected : 10%								
Location : South Face Of Barge								
No Component	25%							
Barge								
Steel	60%			2036	* *	5	$5,700	
Corrosion, Extent : Light, Area Affected : 10%								
Location : Along Sides Of Barge Above The W. L. And Isolated At Barge Surface								
Other Observation, Extent : Moderate, Area Affected : 100%								
Location : Barge Listing To The Southwest								
Explanation : Listing								
Not Accessible	40%							
Deck Elements								

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DEPARTMENT OF TRANSPORTATION - 841
YANKEE STADIUM FERRY LANDING
Asset # : 14196

Marinas/Docks	Current Repair			Future Replacement		Maintenance		
System / Component / Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railing								
Steel	100%			2025	$304,400			
Corrosion, Extent : Light, Area Affected : 5%								
Location : Isolated Throughout								
Electrical								
Conduit								
Steel	100%			2025	$15,500			
Lighting Fixture								
Sodium	100%			2021	$9,100			

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DEPARTMENT OF TRANSPORTATION - 841

Project : HIGHWAYS

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Miscellaneous Buildings	399,600	164,500

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Miscellaneous Buildings	109,300	15,900	14,900	14,600

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
545	ARTERIAL AND FLEET SERVICES SHED 2	1,000	38,200	2,000
546	ARTERIAL AND FLEET SERVICES SHED 3	1,000	38,200	2,000
547	ARTERIAL AND FLEET SERVICES SHED 4	1,000	38,200	2,000
548	ARTERIAL AND FLEET SERVICES GUARD HOUSE 1	96	0	2,800
565	ARTERIAL AND FLEET SERVICES STORAGE 2	1,073	41,000	2,100
566	ARTERIAL AND FLEET SERVICES TRAILER 1	300	0	8,700
567	ARTERIAL AND FLEET SERVICES TRAILER 2	224	0	6,500
568	ARTERIAL AND FLEET SERVICES TRAILER 3	480	0	13,900
569	ARTERIAL AND FLEET SERVICES TRAILER 4	480	0	13,900
570	ARTERIAL AND FLEET SERVICES SHED 1	600	0	17,400
1014	GLENDALE YARD BLDG. 6	831	31,700	1,600
1015	GLENDALE YARD BLDG. 5	913	34,900	1,800
1016	GLENDALE YARD BLDG. 8	600	0	17,400
1017	GLENDALE YARD BLDG. 9	288	0	8,400
1025	HAMILTON AVE. ASPHALT PLANT STORAGE	1,472	56,200	2,900
1026	HAMILTON AVE. ASPHALT PLANT STORAGE	96	0	2,800
1027	FLATLANDS AVENUE YARD GARAGE 7	105	0	3,000
1037	FLATLANDS AVENUE YARD GARAGE 3	480	0	13,900
1038	FLATLANDS AVENUE YARD GARAGE 4	1,000	38,200	2,000
1039	FLATLANDS AVENUE YARD GARAGE 5	1,000	38,200	2,000
1040	FLATLANDS AVENUE YARD GARAGE 6	576	0	16,700
14124	BROOKLYN ARTERIAL HWYS GARAGE	4,425	169,000	8,700
14853	BROOKLYN ARTERIAL HIGHWAY GARAGE STORAGE SHED	1,062	40,500	2,100

Project : WATERWAY BRIDGES

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Special Systems	618,000,000	0

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Special Systems	12,206,000	12,455,000	12,714,000	12,982,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2462	MANHATTAN BRIDGE MANHATTAN BRIDGE/EAST RIVER	1,203,814	74,000,000	11,561,000
2463	WILLIAMSBURG BRIDGE WILLIAMSBURG BR/EAST RIVER	741,020	250,000,000	12,795,000

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DEPARTMENT OF TRANSPORTATION - 841

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2464	QUEENSBORO BRIDGE QUEENSBORO BR/EAST RIVER	1,287,107	274,000,000	14,957,000
2815	BROOKLYN BRIDGE BROOKLYN BRIDGE/I-278 BQE	633,015	20,000,000	11,044,000

Project : FERRIES

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Special Systems	23,875,000	0

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Special Systems	6,825,000	8,965,000	8,105,000	4,470,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
1018	FERRY-JOHN F. KENNEDY		0	0
1021	FERRY-ANDREW J. BARBIERI		0	2,500,000
1022	FERRY-SAMUEL I. NEWHOUSE		5,630,000	5,630,000
4307	FERRY-ALICE AUSTEN		2,855,000	1,405,000
4308	FERRY-JOHN A. NOBLE		2,855,000	2,855,000
4538	FERRY-MOLINARI		2,890,000	2,890,000
4539	FERRY-MARCHI		2,810,000	2,810,000
4540	FERRY-SPIRIT AMERICA		5,710,000	5,710,000
4545	FERRY-OLLIS		550,000	2,250,000
4546	FERRY-SANDY GROUND		575,000	2,315,000

Project : ELECTRIC CONTROL

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Special Systems	32,087,000	0

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Special Systems	31,942,000	31,942,000	31,942,000	31,942,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2829	STREET LIGHTING SYSTEM		32,087,000	127,768,000

Project : HIGHWAYS

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Special Systems	3,085,560,000	0

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Special Systems	0	0	0	0

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2841	STREETS AND HIGHWAYS PRIMARY		467,650,000	0
2842	STREETS AND HIGHWAYS SECONDARY		683,440,000	0
2843	STREETS AND HIGHWAYS LOCAL		1,861,570,000	0
2844	STREETS AND HIGHWAYS ARTERIAL		40,000,000	0
2845	STREETS AND HIGHWAYS STEP		32,900,000	0

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DEPARTMENT OF TRANSPORTATION - 841

Project : **TRAFFIC**

CAPITAL	FY 2021 - 2024	FY 2025 - 2030
Special Systems	17,747,000	0

EXPENSE	FY 2021	FY 2022	FY 2023	FY 2024
Special Systems	36,356,000	36,356,000	36,356,000	36,356,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2830	TRAFFIC LIGHT SYSTEM		17,747,000	145,424,000

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