

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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****Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$500	\$18,500	\$100	
Interior Architecture	\$400		\$300	
Electrical	\$4,000	\$3,200	\$700	\$600
Mechanical			\$100	
Site Enclosure	\$5,300			
Site Pavements	\$17,300	\$500	\$12,900	\$500
<b>Total</b>	<b>\$27,500</b>	<b>\$22,200</b>	<b>\$14,100</b>	<b>\$1,200</b>
Importance Code A	\$600	\$18,600	\$100	
Importance Code B	\$4,000	\$3,100	\$1,100	\$600
Importance Code C	\$23,000	\$500	\$12,900	\$500
<b>Total</b>	<b>\$27,500</b>	<b>\$22,200</b>	<b>\$14,100</b>	<b>\$1,200</b>



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

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

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

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

**Asset # : 14223**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Exposed Struc: Steel	45%			LIFE	**	5	\$11,600	
Metal/Glass Curt Wall	17%			LIFE	**	5	\$2,600	
Metal Panel	30%			2050	**	5-10	\$17,100	
Window Wall	2%			2050	**	5	\$600	
Wood	6%	2-4	\$500	2043	**	5	\$1,200	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Ticket Booth Facade</i>								
Windows								
Aluminum	100%			2046	**	5	\$100	
Roof								
Single Ply Membrane	92%			2035	**	10	\$13,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Light Weight Fabric Structure</i>								
Not Accessible	8%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Roof Atop Ticket Booth - Inaccessible assume Concrete Deck</i>								
Soffits								
Exposed Struc: Steel	100%			LIFE	**	5	\$44,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Canopy</i>								
<i>Explanation : Steel Structure Covered By Fabric Material</i>								
Interior								
Floors								
Cast in Place Concrete	50%			LIFE	**	5	\$6,100	
Vinyl Tile	50%			2035	**	3	\$1,000	
Interior Walls								
Concrete Masonry Unit	50%			LIFE	**	5	\$500	
Gypsum Board	50%	Now	\$400	LIFE	**	5	\$800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Toilet</i>								
Ceilings								
Exposed Struc: Steel	50%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room</i>								
<i>Explanation : Metal Decking</i>								
Gypsum Board	50%			LIFE	**	5	\$800	
Site Enclosure								

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

**Asset # : 14223**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%	2-4	\$5,300	2050		**		
<i>Corrosion/Rusting, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout Deck</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Is Stainless Steel Wire Mesh</i>								
<b>Free Standing Walls</b>								
Cast in Place Concrete	100%			2065		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Under Canopy</i>								
<i>Explanation : Wall In Metal Panel</i>								
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Pavers/Stone	100%			2039		**		
<b>On-Site Walkways</b>								
Metal	10%			2050		**	1-3	\$17,000
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Dock Area</i>								
<i>Explanation : Material Is Wood Plank</i>								
Metal	15%			2050		**	1-3	\$25,500
Pavers/Stone	75%	2-4	\$16,700	2039		**		
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : At Ferry Gates</i>								
<i>Explanation : Erosion Caused By Gate Swing</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	100%			2050		**	5	\$100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : The Main Service Switch Rated At 400 Amperes. It Is In Good Condition.</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2050		**	5	\$100
<b>Raceway</b>								
Conduit	100%			2050		**	1	
<b>Panelboards</b>								
Molded Case Bkrs	100%			2046		**	5	\$100
<b>Wiring</b>								
Thermoplastic	100%			2050		**	1	
<b>Ground</b>								
<b>Grounding Devices</b>								
Not Accessible	100%							

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

**Asset # : 14223**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Stand-by Power</b>								
Transfer Switches								
Automatic	100%			2043	**	1	\$1,200	
Generators								
Diesel	100%			2043	**	1	\$1,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : Emergency Generator Is Rated At 77 Kilowatts. It Is In Good Condition.</i>						
Batteries								
Lead/Acid	100%			2025	\$2,400	5	\$100	
Fuel Storage								
Main Tank	100%			2065	**	5		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Generator Room</i>						
		<i>Explanation : No Available Nameplate Rating Capacity.</i>						
<b>Lighting</b>								
Interior Lighting								
Fluorescent	100%			2030	\$40,600	10	\$3,400	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
Egress Lighting								
Emergency, Service	50%			2035	**	1		
Exit, Service	50%			2035	**	1		
Exterior Lighting								
HID	100%			2035	**	10		
<b>Alarm</b>								
Security System								
Generic	50%			2035	**	1	\$700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : CCTV Surveillance Cameras Are In Working Condition.</i>						
Generic	50%	Now	\$3,400	2040	**	1	\$600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Ticket Booth</i>						
		<i>Explanation : The Communication System Failed, It Is Not Operational.</i>						
Fire/Smoke Detection								
Generic, Analog	100%			2038	**	1-3	\$2,300	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Conversion Equipment								
Radiant Heater	10%			2030	\$9,500	2	\$200	
No Component	90%							
Air Conditioning								
Energy Source								
Electricity	10%			2046	**	1		
No Component	90%							
Conversion Equipment								
Split Unit	10%			2030	\$8,600			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : Heating And Cooling</i>						
No Component	90%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	**	2-5	\$200	
No Component	90%							
Exhaust Fans								
Roof	10%			2030	\$700	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	\$200	1		
Fixtures								
Generic	100%							

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 07-Aug-2019 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 2 **Lot** : 1 **BIN** : 5141706

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$625,100	\$3,209,000
Interior Architecture	\$875,100	\$989,300
Mechanical		\$17,835,200
<b>Total</b>	<b>\$1,500,200</b>	<b>\$22,033,600</b>
Importance Code A	\$625,100	\$3,209,000
Importance Code B	\$875,100	\$18,824,500
<b>Total</b>	<b>\$1,500,200</b>	<b>\$22,033,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$57,100			\$4,400
Interior Architecture	\$32,300	\$19,700		
Electrical	\$48,400	\$42,300	\$54,300	\$51,500
Mechanical	\$97,600	\$142,400	\$175,900	\$148,700
Elevators/Escalators	\$15,200	\$15,200	\$15,200	\$15,200
<b>Total</b>	<b>\$250,600</b>	<b>\$219,700</b>	<b>\$245,400</b>	<b>\$219,700</b>
Importance Code A	\$71,200	\$13,800	\$14,500	\$18,500
Importance Code B	\$179,400	\$189,200	\$230,900	\$201,200
Importance Code C		\$16,700		
<b>Total</b>	<b>\$250,600</b>	<b>\$219,700</b>	<b>\$245,400</b>	<b>\$219,700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE STATION FERRY, BUS, TRAIN TERMINAL**

**Asset # : 2420**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Glass Block	4%			LIFE	**	5	\$7,400	
Masonry: Brick	30%			LIFE	**	5	\$88,400	
Metal, Corrugated	25%			2051	**	1		
Metal/Glass Curt Wall	25%			LIFE	**	5	\$138,100	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Restaurant On First Floor</i>								
Metal Panel	10%			2051	**	5-10	\$202,500	
Metal Coiling Doors	6%			2044	**	5	\$55,200	
<b>Windows</b>								
Aluminum	80%			2047	**	5	\$8,800	
Metal Louvers	15%			2040	**	10	\$10,300	
Steel	5%	Now	\$16,100	2053	**	5	\$3,400	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bulkheads</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Slips</i>								
<b>Parapets</b>								
Masonry: Brick	20%			LIFE	**	5	\$3,400	
Metal Panel	10%	4+	\$13,400	2051	**	5	\$3,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Slip</i>								
Metal Rail	70%			2044	**	5-10	\$212,800	
<b>Roof</b>								
Cast in Place Concrete	10%			LIFE	**			
Green, Roof Inaccessible	5%			LIFE	**			
Metal Panel	15%			2044	**	10	\$125,900	
Modified Bitumen	40%	Now	\$195,400	2031	\$1,954,200			
<i>Blisters, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Retail On First Floor</i>								
<i>Ponding, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over Retail On First Floor</i>								
Paver: Asphalt	10%	Now	\$62,200	2040	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Over First Floor Corridor</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Over First Floor Corridor</i>								
Roll Roofing	15%			2030	\$435,200	5	\$114,400	
Sloped Glazing	5%			LIFE	**	5	\$305,100	
<b>Interior</b>								

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Cast in Place Concrete	20%			LIFE	**	5	\$106,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Slips</i>								
<i>Explanation : Movable Steel Ferry Boarding Bridges And Gallows Not Included In This Survey</i>								
Ceramic Tile	60%	0-2	\$806,400	2040	**	5	\$73,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Concourses</i>								
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Concourses</i>								
<i>Explanation : Laid Over Old Terrazzo Flooring</i>								
Steel Grating	5%			2057	**	1		
Terrazzo	3%			LIFE	**	5	\$5,700	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Main Waiting Room</i>								
<i>Explanation : Inlaid Harbor Map</i>								
Terrazzo	2%	Now	\$22,300	LIFE	**	5	\$3,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Train Turnstile Entrance Area</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Train Turnstile Entrance Area</i>								
Vinyl Tile	10%			2031		3	\$9,200	
Interior Walls								
Ceramic Tile	20%			2040	**	5	\$33,400	
Concrete Masonry Unit	15%			LIFE	**	5	\$10,000	
Glass: Special Gauge	10%			LIFE	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ferry Waiting Room</i>								
<i>Explanation : Double Glazed Glass Enclosure And Sliding Boarding Doors</i>								
Gypsum Board	30%			LIFE	**	5	\$30,000	
SGFT/Glazed Masonry	25%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	10%			2044	**	5	\$20,100	
Exposed Struc: Concrete	20%			LIFE	**	5	\$6,300	
Exposed Struc: Steel	10%			LIFE	**			
Gypsum Board	40%	Now	\$68,700	LIFE	**	5	\$100,500	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Main Concourse And Retail</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Main Concourse And Retail</i>								
Metal Panel	20%			LIFE	**	5	\$50,300	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2051	**			
Site Pavements								

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

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

## Site Pavements

## Public Sidewalk

Cast in Place Concrete	100%			2044	**			
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## On-Site Walkways

Cast in Place Concrete	100%			2044	**			
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## Parking/Driveway

Asphalt	100%			2040	**			
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<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Over 600 Volts

## Service Equipment

Air Circuit Breaker	100%			2051	**	3	\$1,400	
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## Transformers

Dry Type	100%			2044	**	3	\$1,500	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : Two 2,000 Kilovolt-ampere, 4,160 Volts Primary To 120/ 208 Volts**Secondary*

## Feeders

Cable	100%			2047	**	1		
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## Raceway

Conduit	90%			2051	**	1		
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Tray	10%			2044	**	1		
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## Under 600 Volts

## Service Equipment

Air Circuit Breaker	100%			2051	**	5	\$1,500	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : Six 4,000 Ampere, Four 3,200 Ampere And Two 2,000 Ampere Main Service Disconnect Switches.*

## Switchgear / Switchboard

Fused Disc Sw	20%			2051	**	5	\$200	
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Molded Case Bkrs	80%			2051	**	5	\$5,900	
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## Raceway

Conduit	90%			2051	**	1		
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Tray	10%			2044	**	1		
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## Panelboards

Fused Disc Sw	10%			2047	**	5	\$600	
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Molded Case Bkrs	90%			2047	**	5	\$6,600	
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## Wiring

Thermoplastic	100%			2051	**	1		
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## Motor Controllers

Locally Mounted	50%			2044	**	5	\$900	
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Variable Frequency	50%			2044	**			
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## Drive

## Ground

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

**Asset # : 2420**

System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Ground								
Grounding Devices Generic	100%			LIFE	**	5	\$4,100	
Stand-by Power								
Transfer Switches Automatic	100%			2044	**	1	\$85,900	
Generators								
Diesel	75%			2040	**	1	\$81,100	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Generator Room</i>							
	<i>Explanation : Diesel Generator Rated At 1,000 Kilowatts</i>							
Diesel	25%			2044	**	1	\$27,000	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Outside</i>							
	<i>Explanation : Diesel Generator Rated At 515 Kilowatts</i>							
Batteries								
Lead/Acid	100%			2026	\$2,400	5	\$10,300	
Fuel Storage								
Main Tank	70%			2059	**	5		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Outside</i>							
	<i>Explanation : 675 Gallons Rated Capacity</i>							
Main Tank	30%			2059	**	5		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Generator Room</i>							
	<i>Explanation : 275 Gallons Rated Capacity</i>							
Lighting								
Interior Lighting LED	100%			2039	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout The Building</i>							
	<i>Explanation : LED Lighting Fixtures</i>							
Egress Lighting								
Emergency, Service	50%			2036	**	1		
Exit, Service	50%			2036	**	1		
Exterior Lighting								
HID	15%			2036	**	10	\$100	
LED	15%			2039	**			
No Component	70%							
Alarm								
Security System								
No Component	30%							
Generic	70%			2039	**	1	\$73,000	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout Public Spaces</i>							
	<i>Explanation : CCTV Surveillance Cameras</i>							

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

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

## Alarm

Fire/Smoke Detection  
Generic, Analog

100%

2036

\* \*

1-3

\$177,200

*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout The Building**Explanation : Manual Pull Station, Alarm Bells, Smoke Detectors, Strobe Lights And Horns*

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

## Heating

Energy Source

Interruptible Gas/Dual  
Fuel

100%

2051

\* \*

1

Conversion Equipment

Hot Water Boiler

100%

2044

\* \*

1

\$138,000

*Other Observation, Extent : Light, Area Affected : 100%**Location : Mechanical Room**Explanation : 3 Units*

Distribution

Hot Wtr Piping/Pump

100%

2039

\* \*

4

\$13,800

Terminal Devices

Air Handler

60%

2031

\$3,078,200

1

\$103,600

Convector/Radiator

25%

2036

\* \*

1

\$22,500

Unit Heater - Hot Water

15%

2031

\$242,500

## Air Conditioning

Energy Source

Electricity

100%

2047

\* \*

1

Conversion Equipment

Absorption  
Chiller/Direct Fire

90%

2031

\$6,744,500

1

\$271,900

*Other Observation, Extent : Light, Area Affected : 100%**Location : Mechanical Room**Explanation : 2 Units. Lithium Bromide Refrigerant*

Split Unit

10%

2031

\$647,400

Distribution

CW & CHW Wtr  
Pipe/Pump

90%

2041

\* \*

4

\$18,600

No Component

10%

Terminal Devices

Air Handler/Cool/Ht

90%

2031

\$4,760,800

1

\$155,400

Fan Coil - 2 Pipe

10%

2031

\$831,700

1

\$9,000

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

**Asset # : 2420**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Heat Rejection</b>								
	Air Cooled Condenser Unit	10%			2031	\$78,900	2	\$19,400
	Water Cooling Tower	80%			2029	\$1,101,600	2	\$224,700
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Roof</i>							
	<i>Explanation : 4 Cooling Towers Service Both Chillers</i>							
	Water Cooling Tower	10%	0-2	\$13,800	2029	\$137,700	2	\$22,500
	<i>Corroded, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Supporting Beams, Roof</i>							
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$155,600
<b>Exhaust Fans</b>								
	Interior	60%			2036	**	2	\$5,100
	Roof	40%			2036	**	2	\$3,400
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%			2041	**	1	
<b>Water Heater With Tanks</b>								
	Electric	100%			2026	\$23,100	4	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Various Locations</i>							
	<i>Explanation : 5 Small Units</i>							
<b>Sanitary Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Storm Drain Piping</b>								
	Cast Iron	100%			LIFE	**	1	
<b>Sewage Ejector(s)</b>								
	Electric	100%			2031	\$142,700	4	\$11,100
<b>Backflow Preventer</b>								
	Generic	100%			2036	**	1	\$17,100
<b>Fixtures</b>								
	Generic	100%						
<b>Vertical Transport</b>								
<b>Elevators</b>								
	Hydraulic	100%			LIFE	**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Basement To 2nd Floor</i>							
	<i>Explanation : Two Passenger Units And One Freight Unit</i>							
<b>Escalators</b>								
	Under 20' Rise	100%			LIFE	**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : 1st To 2nd Floor</i>							
	<i>Explanation : One Unit</i>							
<b>Fire Suppression</b>								

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

**Asset # : 2420**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	
Fire Suppression	Standpipe							
	Generic	100%			2041	* *	1-5	\$140,700
	Sprinkler							
	Generic	100%			2041	* *	1-2	\$78,200

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : VESSEL MAINTENANCE FACILITY  
**Address** : 1 BAY STREET @ FERRY TERMINAL  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0141.000 / 4379 **Yr Built/Renovated** : 1992 /  
**Area Sq Ft** : 85,000 **Project Type** : FERRIES  
**Date of Survey** : 07-Aug-2019 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3  
**Block** : 1 **Lot** : 70 **BIN** : 5132949

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture		\$118,900
Interior Architecture	\$145,200	\$273,900
Electrical	\$78,000	\$289,600
Mechanical	\$1,760,600	\$159,900
<b>Total</b>	<b>\$1,983,800</b>	<b>\$842,300</b>
Importance Code A		\$118,900
Importance Code B	\$1,983,800	\$640,600
Importance Code C		\$82,700
<b>Total</b>	<b>\$1,983,800</b>	<b>\$842,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$59,300		\$41,900	\$10,300
Interior Architecture	\$58,900	\$9,200		\$3,900
Electrical	\$9,400	\$8,800	\$12,800	\$8,300
Mechanical	\$15,300	\$13,700	\$64,300	\$15,800
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$150,800</b>	<b>\$39,600</b>	<b>\$126,900</b>	<b>\$46,200</b>
Importance Code A	\$63,500	\$4,200	\$46,200	\$14,500
Importance Code B	\$80,600	\$29,300	\$80,700	\$31,700
Importance Code C	\$6,700	\$6,100		
<b>Total</b>	<b>\$150,800</b>	<b>\$39,600</b>	<b>\$126,900</b>	<b>\$46,200</b>



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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$20,100	
Masonry: Brick	35%	4+	\$45,300	LIFE	**	5	\$28,200	
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	45%			LIFE	**	5	\$36,200	
Metal Panel	10%			2051	**	5-10	\$55,400	
Metal Coiling Doors	5%			2044	**	5	\$12,600	
Windows								
Aluminum	100%			2047	**	5	\$20,500	
Parapets								
Masonry: Brick	85%			LIFE	**	5	\$7,300	
Metal Panel	10%			2051	**	5	\$3,300	
Pre-Cast Concrete	5%			LIFE	**	5	\$2,700	
Roof								
Metal Panel	5%			2044	**	10	\$7,700	
Single Ply Membrane	30%			2036	**	10	\$25,100	
Single Ply Membrane	65%			2039	**	10	\$54,500	
<i>Gravel/Stone Ballast, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lower Roof</i>								
<i>Other Observation, Extent : Light, Area Affected : 95%</i>								
<i>Location : Main Roof Level</i>								
<i>Explanation : Photovoltaic Solar Panels</i>								
Interior								
Floors								
Cast in Place Concrete	70%	2-4	\$145,200	LIFE	**	5	\$191,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%			2040	**	5	\$6,200	
Vinyl Tile	25%	2-4	\$42,100	2036	**	3	\$11,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Ceramic Tile	5%			2040	**	5	\$12,200	
Concrete Masonry Unit	85%			LIFE	**	5	\$82,700	
Gypsum Board	10%	2-4	\$6,700	LIFE	**	5	\$14,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

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

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

## Interior

## Ceilings

AcousTileSusp.Lay-In	25%	0-2	\$10,100	2044	**	5	\$15,600
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*Broken/Missing Elements, Extent : Moderate, Area Affected : 20%**Location : Throughout**Staining/Discoloring, Extent : Moderate, Area Affected : 20%**Location : Throughout Third Floor*

Exposed Struc: Concrete	65%			LIFE	**	5	\$12,700
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Gypsum Board	10%			LIFE	**	5	\$15,600
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## Site Pavements

## Public Sidewalk

Cast in Place Concrete	100%			2044	**		
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## On-Site Walkways

Cast in Place Concrete	100%			2044	**		
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## Parking/Driveway

Asphalt	100%			2040	**		
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Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

## Under 600 Volts

## Service Equipment

Fused Disc Sw	70%			2041	**	5	\$300
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : Main Service Disconnect Switches Rated At 4,000 Amperes.*

Fused Disc Sw	30%			2057	**	5	\$100
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : Four 400 Ampere Service Disconnect Switches Serving The Solar Panels.*

## Switchgear / Switchboard

Fused Disc Sw	100%			2041	**	5	\$400
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## Raceway

Conduit	100%			2041	**	1	
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## Panelboards

Fused Disc Sw	10%			2039	**	5	\$200
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Molded Case Bkrs	90%			2039	**	5	\$2,000
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## Wiring

Thermoplastic	100%			2041	**	1	
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## Motor Controllers

Locally Mounted	70%			2036	**	5	\$400
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Variable Frequency Drive	30%			2048	**		
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## Ground

## Grounding Devices

Generic	100%			LIFE	**	5	\$1,200
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## Stand-by Power

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Stand-by Power</b>								
Transfer Switches								
Automatic	100%			2048	**	1	\$26,200	
<b>Generators</b>								
Natural Gas	100%			2044	**	1	\$32,900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Outside</i>						
		<i>Explanation : No Available Nameplate Rating Capacity</i>						
<b>Batteries</b>								
Lead/Acid	100%			2026	\$2,400	5	\$3,100	
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	100%			2036	**	10	\$78,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : T-8 Lamps</i>						
<b>Egress Lighting</b>								
Emergency, Battery	50%			2031	\$69,700	10	\$10,300	
Exit, Battery	50%			2031	\$58,800	10	\$2,900	
<b>Exterior Lighting</b>								
Fluorescent	5%			2031	\$16,600	10	\$400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Entrance</i>						
		<i>Explanation : T-5 Lamps</i>						
HID	25%			2031	\$96,800	10	\$100	
No Component	70%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2031	\$46,800	1	\$9,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Hallways, Outside Perimeter</i>						
		<i>Explanation : CCTV Surveillance Cameras</i>						
<b>Fire/Smoke Detection</b>								
No Component	70%							
Generic, Analog	30%			2031	\$64,200	1-3	\$15,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Hallways, Offices</i>						
		<i>Explanation : Alarm Bells And Manual Pull Stations</i>						

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2051	**	1		

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment Hot Water Boiler	100%			2044	**	1	\$42,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor Boiler Room</i>								
<i>Explanation : 3 Units</i>								
Distribution Hot Wtr Piping/Pump	100%			2047	**	4	\$4,200	
<b>Terminal Devices</b>								
Air Handler	60%			2026	\$937,300	1	\$31,500	
Fan Coil Unit/Heat	40%			2026	\$823,300	1	\$11,000	
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2047	**	1		
Conversion Equipment Exterior Pkg Unit - Cooling	20%			2036	**	2	\$1,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Refrigerant R-410a</i>								
Split Unit	10%			2036	**			
Window/Wall Unit	10%			2026	\$31,400	1		
No Component	60%							
<b>Terminal Devices</b>								
Fan Coil - 2 Pipe	10%			2036	**	1	\$2,800	
No Component	90%							
<b>Heat Rejection</b>								
Air Cooled Condenser Unit	10%			2036	**	2	\$5,900	
No Component	90%							
<b>Ventilation</b>								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$47,400	
<b>Exhaust Fans</b>								
Interior	20%			2031	\$73,600	2	\$500	
Roof	20%			2031	\$32,200	2	\$500	
Wall Unit	60%			2036	**	2	\$1,600	
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2041	**	1		
Water Heater With Tanks Oil Fired	100%			2029	\$86,200	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : 117 Gallons</i>								
HW Heat Exchanger HTHW/HW	100%			2051	**			

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

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

<b>Mechanical</b>	<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Plumbing</b>								
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Sewage Ejector(s) Electric	100%			2036	**	4	\$5,100	
Fixtures Generic	100%							
<b>Vertical Transport</b>								
Elevators Hydraulic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : One Unit From 1st To 3rd Floor; One Unit From 1st To 2nd Floor</i>								
<i>Explanation : One Passenger Unit And One Freight Unit</i>								
<b>Fire Suppression</b>								
Standpipe Generic	100%			2041	**	1-5	\$42,900	
Sprinkler Generic	100%			2041	**	1-2	\$23,800	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$57,600	\$82,400
<b>Total</b>	<b>\$57,600</b>	<b>\$82,400</b>
Importance Code A	\$57,600	\$82,400
<b>Total</b>	<b>\$57,600</b>	<b>\$82,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$23,200	\$48,300		
Interior Architecture	\$24,000		\$5,300	\$400
Electrical	\$12,300	\$21,100	\$3,500	\$3,100
Mechanical	\$21,100	\$1,100	\$2,800	\$1,100
Site Enclosure				
Site Pavements	\$8,600			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$93,300</b>	<b>\$74,500</b>	<b>\$15,600</b>	<b>\$8,500</b>
Importance Code A	\$23,200	\$48,300		
Importance Code B	\$69,500	\$26,200	\$15,600	\$8,500
Importance Code C	\$600			
<b>Total</b>	<b>\$93,300</b>	<b>\$74,500</b>	<b>\$15,600</b>	<b>\$8,500</b>



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

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
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	
<b>Parapets</b>								
Metal Rail	100%			2043	**	5-10	\$53,500	
<b>Roof</b>								
Cast in Place Concrete	10%			LIFE	**			
Sloped Glazing	20%			LIFE	**	5	\$82,400	
Spray-on Foam	70%	Now	\$23,200	2035	**	5	\$14,400	
<i>Blisters, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Side Of Building</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Side Of Building, By Generator</i>								
<b>Soffits</b>								
Metal Panel	25%			2050	**	5-10	\$15,700	
Stucco Cement	75%	Now	\$57,600	2043	**	5	\$8,500	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Side Walkway</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : West Side Walkway</i>								
<b>Interior</b>								
<b>Floors</b>								
Carpet	35%			2029	\$181,800	3	\$15,800	
Cast in Place Concrete	5%			LIFE	**	5	\$3,300	
Ceramic Tile	50%			2039	**	5	\$15,000	
Vinyl Tile	10%	Now	\$1,600	2035	**	3	\$1,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Building Expansion Joints</i>								
<b>Interior Walls</b>								
Ceramic Tile	5%			2039	**	5	\$1,200	
Concrete Masonry Unit	5%			LIFE	**	5	\$500	
Glass: Single Pane	40%			LIFE	**	5	\$7,100	
Gypsum Board	10%			LIFE	**	5	\$1,400	
Metal Panel	40%			LIFE	**			

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

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

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

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%	Now	\$1,000	2043	**	5	\$1,500	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 2nd Floor Offices, Water Taxi</i>								
Embossed Metal	30%	Now	\$13,300	LIFE	**	5	\$4,100	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Gypsum Board	60%			LIFE	**	5	\$22,600	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Aluminum Rail	100%			2043	**	5-10	\$32,600	
<b>Free Standing Walls</b>								
Cast in Place Concrete	10%			2065	**			
Cast in Place Concrete	90%			2065	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Material Is Metal Panel</i>								
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%	Now	\$8,600	2043	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Along 12th Avenue</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Along 12th Avenue</i>								
<i>Explanation : Failing Expansion Joint In Sidewalk</i>								
<b>On-Site Walkways</b>								
Cast in Place Concrete	100%			2043	**			
<b>Parking/Driveway</b>								
Cast in Place Concrete	100%			2043	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Over 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2050	**	3	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 4,000 Ampere Main Disconnect Switch</i>								
<b>Transformers</b>								
Dry Type	100%			2043	**	3	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : One 150 Kilovolt-ampere 480 Volt-208/120 Volt</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2050	**	3	\$100	

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

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	\$6,500	2060	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Exterior</i>								
<i>Explanation : Exterior Under-concrete Wiring Was Damaged By The Sandy Storm And Is Causing Exterior Lighting Problems</i>								
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	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 134 Kilowatt</i>								
Batteries								
Lead/Acid	100%			2024	\$2,400	5	\$700	
Fuel Storage								
Main Tank	100%			2058	**	5		
Lighting								
Interior Lighting								
Fluorescent	20%			2035	**	10	\$3,700	
<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Lobby, Facade, And Waiting Area</i>								
Fluorescent	75%			2035	**	10	\$13,900	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Incandescent	5%			2035	**	2		
Egress Lighting								
Emergency, Service	70%			2035	**	1		
Exit, LED	30%			2058	**	1		
Exterior Lighting								
Fluorescent	20%			2035	**	10	\$400	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Walkway Shade</i>								
HID	80%			2035	**	10		

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 MIDTOWN FERRY TERMINAL / PIER 79**

**Asset # : 14635**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	Water Heater With Tanks							
	Electric	100%			2028	\$23,100	4	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st Floor</i>					
			<i>Explanation : 120 Gallon Unit</i>					
	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%						
<b>Vertical Transport</b>								
	Elevators							
	Hydraulic	100%			LIFE	**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st To 2nd Floor</i>					
			<i>Explanation : One Unit</i>					
<b>Fire Suppression</b>								
	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.  
Estimates are rounded to the nearest hundred dollars.

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$784,400	\$785,900
Interior Architecture	\$379,500	\$556,600
Electrical		\$225,700
Mechanical		\$10,631,600
<b>Total</b>	<b>\$1,163,900</b>	<b>\$12,199,800</b>
Importance Code A	\$784,400	\$1,312,100
Importance Code B	\$379,500	\$10,837,000
Importance Code C		\$50,700
<b>Total</b>	<b>\$1,163,900</b>	<b>\$12,199,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$37,900	\$4,500		
Interior Architecture	\$16,700		\$275,300	\$27,100
Electrical	\$31,000	\$27,000	\$30,100	\$24,800
Mechanical	\$118,100	\$95,900	\$143,500	\$65,000
Site Pavements	\$20,000			
Elevators/Escalators	\$32,600	\$32,600	\$32,600	\$32,600
<b>Total</b>	<b>\$256,400</b>	<b>\$160,000</b>	<b>\$481,600</b>	<b>\$149,500</b>
Importance Code A	\$49,100	\$14,200	\$11,100	\$9,200
Importance Code B	\$187,300	\$145,900	\$470,500	\$140,300
Importance Code C	\$20,000			
<b>Total</b>	<b>\$256,400</b>	<b>\$160,000</b>	<b>\$481,600</b>	<b>\$149,500</b>



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

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Concrete Masonry Unit	10%			LIFE	**	5	\$15,500	
Metal, Corrugated	10%			2050	**	1		
Metal Panel	20%			2050	**	5-10	\$341,400	
Pre-Cast Concrete	5%			LIFE	**	5	\$40,300	
Window Wall	55%			2050	**	5	\$512,100	
<b>Windows</b>								
Metal Louvers	100%	Now	\$1,700	2039	**			
<i>Deformed/Dented, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 3rd Floor Mechanical Room</i>								
<b>Parapets</b>								
Concrete Masonry Unit	10%			LIFE	**	5	\$5,300	
Metal Panel	5%			2050	**	5	\$9,000	
Metal Rail	85%			2047	**	5-10	\$716,900	
<b>Roof</b>								
Modified Bitumen	80%	4+	\$36,200	2035	**			
<i>Blisters, Extent : Light, Area Affected : 5%</i>								
<i>Location : Lower Roof</i>								
<i>Recent Repair Evident, Extent : N/A, Area Affected : 5%</i>								
<i>Location : Lower Roof</i>								
Plaza Roof: Stone Panels	20%			2050	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Upper Roof Level</i>								
<i>Explanation : On Pedestal System</i>								
<b>Soffits</b>								
Metal Panel	100%			2050	**	5-10		
<b>Interior</b>								
<b>Floors</b>								
Carpet	5%			2026	\$267,600	3	\$23,200	
Cast in Place Concrete	25%			LIFE	**	5	\$169,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : First Floor Utility Area</i>								
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Boiler And Mechanical Rooms</i>								
Ceramic Tile	15%	4+	\$51,200	2039	**	5	\$23,200	
<i>Worn/Eroded, Extent : Light, Area Affected : 10%</i>								
<i>Location : Toilets On 2nd Floor</i>								
Granite Panels	10%			LIFE	**	5	\$23,200	
Terrazzo	35%	Now	\$198,000	LIFE	**	5	\$84,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 2nd Floor Waiting Room</i>								
Vinyl Tile	10%	4+	\$16,700	2035	**	3	\$11,600	
<i>Punct/Tear/Impact Damage, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Elevator Lobby 2nd And 3rd Floors</i>								
<i>Worn/Eroded, Extent : Light, Area Affected : 15%</i>								
<i>Location : Elevator Lobbies</i>								

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

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

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

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Concrete Masonry Unit	60%			LIFE	**	5	\$50,700	
Glass: Special Gauge	10%			LIFE	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Main Waiting Room</i>								
<i>Explanation : Double Glazed Wall And Sliding Boarding Doors</i>								
Gypsum Board	20%			LIFE	**	5	\$25,300	
Metal Panel	10%			LIFE	**			
<b>Ceilings</b>								
AcousTileSusp.Lay-In	15%			2047	**	5	\$46,500	
Exposed Struc: Steel	15%			LIFE	**			
Gypsum Board	5%			LIFE	**	5	\$19,400	
Metal Panel	65%	Now	\$130,300	LIFE	**	5	\$251,700	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Ferry Boarding Area</i>								
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Entrance And Main Waiting Area 2nd Floor</i>								
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%			2050	**			
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Pavers/Stone	100%			2039	**			
<b>On-Site Walkways</b>								
Masonry: Granite	75%			LIFE	**			
Pavers/Stone	25%	0-2	\$20,000	2039	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Main Entrance</i>								
<b>Parking/Driveway</b>								
Asphalt	100%			2039	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2050	**	5	\$900	
<b>Transformers</b>								
Dry Type	100%			2043	**	5	\$800	
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2050	**	5	\$900	
<b>Raceway</b>								
Conduit	100%			2050	**	1		
<b>Panelboards</b>								
Fused Disc Sw	30%			2046	**	5	\$1,400	
Molded Case Bkrs	70%			2046	**	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**  
**WHITEHALL FERRY TERMINAL**  
**Asset # : 2418**

<b>Electrical</b>	<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Wiring</b>								
Thermoplastic	100%			2050	**	1		
<b>Motor Controllers</b>								
Locally Mounted	20%			2043	**	5	\$300	
Motor Control Center	80%			2043	**	5	\$4,500	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$3,000	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Pump Room</i>						
		<i>Explanation : Main Water Pipe</i>						
<b>Stand-by Power</b>								
<b>Transfer Switches</b>								
Automatic	100%			2043	**	1	\$63,700	
<b>Generators</b>								
Diesel	100%			2039	**	1	\$80,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Mezzanine</i>						
		<i>Explanation : The Generator Is Rated 800 Kilovolt-ampere.</i>						
<b>Batteries</b>								
Lead/Acid	100%			2024	\$2,400	5	\$7,700	
<b>Fuel Storage</b>								
<b>Day Tank</b>								
	20%			2046	**	5		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Exterior</i>						
		<i>Explanation : The Day Tank Capacity Is Rated 275 Gallons. It Is In Good Condition.</i>						
<b>Main Tank</b>								
	80%			2058	**	5		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Ground Floor</i>						
		<i>Explanation : The Capacity Of The Main Tank Is 2,600 Gallons. It Is In Good Condition.</i>						
<b>Lighting</b>								
<b>Interior Lighting</b>								
<b>Fluorescent</b>								
	10%			2030	\$225,700	10	\$19,000	
		<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Interior Areas</i>						
<b>HID</b>								
	10%			2035	**	10	\$700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Floor</i>						
		<i>Explanation : The Metal Halide Light Fixtures Are In Good Condition.</i>						
<b>LED</b>								
	80%			2040	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Most Of The Building Interior Areas</i>						
		<i>Explanation : New LED Fixtures Were Installed About 9 Months Ago.</i>						
<b>Egress Lighting</b>								
<b>Emergency, Service</b>								
Exit, Service	50%			2035	**	1		
Exit, Service	50%			2035	**	1		

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

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

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

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Lighting								
Exterior Lighting HID	100%			2035	**	10	\$600	
Lightning Protection								
Arresters/Cabling Generic	100%			2058	**	5	\$2,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : The Lightning Protection System Is In Good Condition.</i>								
Alarm								
Security System								
No Component Generic	70%			2035	**	1	\$23,200	
Fire/Smoke Detection								
No Component Generic, Digital	30%			2035	**	1-3	\$89,300	
<b>Mechanical</b>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Natural Gas	100%			2050	**	1		
Conversion Equipment								
Hot Water Boiler	90%			2035	**	1	\$92,100	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : 3rd Floor Mechanical Equipment Room</i>								
<i>Explanation : 1 Unit</i>								
Radiant Heater	10%			2030	\$526,200	2	\$9,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Street Side Of Main Lobby</i>								
<i>Explanation : Gas Fired Radiant Heater In Main Lobby Ceiling</i>								
Distribution								
Hot Wtr Piping/Pump	90%			2038	**	4	\$9,200	
Hot Wtr Piping/Pump	10%	Now	\$4,400	2046	**	4	\$1,000	
<i>Leak Evident, Extent : Severe, Area Affected : 10%</i>								
<i>Location : 3rd Floor Mechanical Room</i>								
Terminal Devices								
Air Handler	90%			2030	\$3,424,000	1	\$115,200	
Fan Coil Unit/Heat	10%			2030	\$501,200	1	\$6,700	
Air Conditioning								
Energy Source								
Natural Gas	100%			2050	**	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**  
**WHITEHALL FERRY TERMINAL**  
**Asset # : 2418**

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Absorption	80%			2038	**	1	\$179,200	
Chiller/Direct Fire								
			<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 3rd Floor Mechanical Equipment Room</i>					
			<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : 3rd Floor Mechanical Room</i>					
Split Unit	20%			2035	**			
Distribution								
CW & CHW Wtr	100%			2050	**	4	\$10,200	
Pipe/Pump								
Terminal Devices								
Air Handler/Cool/Ht	100%			2030	\$3,922,800	1	\$128,000	
Heat Rejection								
Water Cooling Tower	100%			2028	\$1,021,200	2	\$208,300	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$115,400	
Exhaust Fans								
Interior	80%			2030	\$717,300	2	\$5,100	
Roof	20%			2030	\$78,500	2	\$1,300	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2050	**	1		
Water Heater With Tanks								
Gas Fired	100%			2028	\$16,700	2		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 3rd Floor Mechanical Equipment Room</i>					
			<i>Explanation : One 250 Gallon And One 113 Gallon Tank</i>					
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sewage Ejector(s)								
Electric	100%			2030	\$105,900	4	\$8,200	
Backflow Preventer								
Generic	100%			2030	\$90,300	1	\$12,700	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Two Units From 1st Floor To Roof, One Unit From 1st To 3rd Floor, One Unit From 1st To 2nd Floor</i>					
			<i>Explanation : 4 Units</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**WHITEHALL FERRY TERMINAL**  
**Asset # : 2418**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Vertical Transport	Escalators							
	Over 20' Rise	100%			LIFE		**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st To 2nd Floor</i>					
			<i>Explanation : 5 Units</i>					
Fire Suppression	Standpipe							
	Generic	100%			2040		**	1-5
								\$104,400
	Sprinkler							
	Generic	100%			2040		**	1-2
								\$58,000
	Fire Pump							
	Generic	100%			2033	\$193,000		1
								\$38,700
			<i>Corroded, Extent : Light, Area Affected : 5%</i>					
			<i>Location : 1st Floor</i>					

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : BRIDGES PAINT UNIT BLDG #3 ELECTRICAL SERVICE BUILDING  
**Address** : 424 WYTHE AVENUE REAR OF NEW BUILDING  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0348.110 / 15377 **Yr Built/Renovated** :  
**Area Sq Ft** : 574 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 02-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : **Lot** : **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$8,400		\$300	
Interior Architecture	\$7,400			
Electrical				
Mechanical		\$100		\$100
<b>Total</b>	<b>\$15,800</b>	<b>\$100</b>	<b>\$300</b>	<b>\$100</b>
Importance Code A	\$8,400	\$100	\$300	\$100
Importance Code B	\$2,800			
Importance Code C	\$4,700			
<b>Total</b>	<b>\$15,800</b>	<b>\$100</b>	<b>\$300</b>	<b>\$100</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BRIDGES PAINT UNIT BLDG #3 ELECTRICAL SERVICE BUILDING**  
**Asset # : 15377**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Concrete Masonry Unit	95%	Now	\$3,700	LIFE	**	5	\$2,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Painted Surfaces, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior Wall</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Rear Corner</i>								
Metal Coiling Doors	5%			2046	**	5	\$600	
<b>Parapets</b>								
Pre-Cast Concrete	50%	Now	\$4,700	LIFE	**	5	\$900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Rear Corner</i>								
Not Accessible	50%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Interior Parapet</i>								
<i>Explanation : Roof Is Not Accessible</i>								
<b>Roof</b>								
Not Accessible	100%							
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%			LIFE	**	5	\$3,800	
<b>Interior Walls</b>								
Concrete Masonry Unit	100%	Now	\$4,700	LIFE	**	5	\$1,000	
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Rear Corner</i>								
<b>Ceilings</b>								
Exposed Struc: Concrete	100%			LIFE	**	5-10	\$1,000	
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	100%			2042	**			
<b>Parking/Driveway</b>								
Asphalt	100%			2042	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2043	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Service Building</i>								
<i>Explanation : 200 Ampere Main Service Switch Rating Wall Mounting</i>								

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**  
**BRIDGES PAINT UNIT BLDG #3 ELECTRICAL SERVICE BUILDING**  
**Asset # : 15377**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Transformers								
Dry Type	100%			2038	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Service Building</i>								
<i>Explanation : One 100 Kilovolt Amperes And One 75 Kilovolt Amperes 208 Volt To 480/277 Volt</i>								
Raceway								
Conduit	100%			2043	**	1		
Panelboards								
Molded Case Bkrs	100%			2041	**	5		
Wiring								
Thermoplastic	100%			2043	**	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2033	\$9,700	10	\$500	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Exterior Lighting								
LED	20%			2038	**			
No Component	80%							

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Radiant Heater	100%			2033	\$14,600	2	\$300	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Ceiling</i>								
<i>Explanation : 1 Unit</i>								
Ventilation								
Exhaust Fans								
Roof	100%			2033	\$1,100	2		

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : MANHATTAN SIGN SHOP/BRDG OPS, PAINTERS, REPAIRER & RIVETER  
**Address** : 345 EAST 59TH STREET UNDER QUEENSBORO BRIDGE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0349.000 / 15363 **Yr Built/Renovated** :  
**Area Sq Ft** : 50,850 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Jan-2022 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1,2  
**Block** : 1434 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$1,647,000	\$246,500
Interior Architecture	\$2,228,700	\$468,100
Electrical	\$620,100	\$528,800
Mechanical	\$2,330,700	\$1,510,900
<b>Total</b>	<b>\$6,826,500</b>	<b>\$2,754,300</b>
Importance Code A	\$1,647,000	\$246,500
Importance Code B	\$5,179,500	\$2,507,800
<b>Total</b>	<b>\$6,826,500</b>	<b>\$2,754,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$56,700		\$700	
Interior Architecture	\$81,300		\$17,100	
Electrical	\$5,200	\$4,700	\$5,400	\$5,700
Mechanical	\$22,100	\$8,400	\$32,900	\$17,300
<b>Total</b>	<b>\$165,400</b>	<b>\$13,200</b>	<b>\$56,100</b>	<b>\$23,000</b>
Importance Code A	\$56,700		\$6,000	
Importance Code B	\$58,500	\$13,200	\$47,700	\$23,000
Importance Code C	\$50,200		\$2,400	
<b>Total</b>	<b>\$165,400</b>	<b>\$13,200</b>	<b>\$56,100</b>	<b>\$23,000</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**MANHATTAN SIGN SHOP/BRDG OPS, PAINTERS, REPAIRER & RIVETER**  
**Asset # : 15363**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
Exterior Walls								
Concrete Masonry Unit	5%			LIFE	**	5	\$19,000	
Masonry: Granite	58%			LIFE	**	5	\$264,700	
Metal Coiling Doors	5%			2038	**	5	\$47,500	
Mosaic Tile	2%			2053	**	10	\$19,000	
Stucco Cement	30%	0-2	\$1,514,600	2038	**	5	\$114,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<hr/>								
Windows								
Metal Louvers	5%			2036	**	10	\$700	
Steel	95%	Now	\$47,200	2041	**	5	\$13,400	
<i>Air Infiltration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Iron Shop And Throughout</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Interior</b>								
Floors								
Cast in Place Concrete	80%	4+	\$888,800	LIFE	**	5	\$468,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 15%</i>								
<i>Location : Trolley Garage</i>								
<i>Explanation : Brick Paving Around Train Tracks</i>								
Ceramic Tile	8%			2036	**	5	\$21,400	
Vinyl Tile	12%			2038	**	3	\$12,000	
<i>Recent Replace Evident, Extent : N/A, Area Affected : 30%</i>								
<i>Location : Sign Shop</i>								
<hr/>								
Interior Walls								
Ceramic Tile	5%			2036	**	5	\$4,800	
Concrete Masonry Unit	73%			LIFE	**	5	\$55,600	
Glass: Single Pane	2%			LIFE	**	5	\$2,900	
Gypsum Board	13%			LIFE	**	5-10	\$21,000	
Metal Coiling Doors	2%			2049	**	5	\$9,500	
Plaster	5%			LIFE	**	5-10	\$4,000	
<i>Worn/Eroded, Extent : Light, Area Affected : 5%</i>								
<i>Location : Entry Area</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**MANHATTAN SIGN SHOP/BRDG OPS, PAINTERS, REPAIRER & RIVETER**  
**Asset # : 15363**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Interior								
Ceilings								
AcousTileSusp.Lay-In	10%	Now	\$6,200	2046	**	5	\$3,800	
<i>Recent Replace Evident, Extent : N/A, Area Affected : 30%</i>								
<i>Location : Sign Shop</i>								
<i>Staining/Discoloring, Extent : Light, Area Affected : 2%</i>								
<i>Location : Bridge Operations Office</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Bridge Operations Office</i>								
Exposed Struc: Steel	75%	Now	\$1,339,900	LIFE	**			
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Corridor Adjacent To Iron Workers Shop</i>								
Gypsum Board	15%			LIFE	**	5-10	\$39,200	
<i>Loose/Delam Surface, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	**	5	\$200	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Parking Garage Cage</i>								
<i>Explanation : One 1,200 And One 400 Ampere Main Disconnect Switches</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2043	**	5	\$200	
Raceway								
Conduit	100%			2043	**	1		
Panelboards								
Molded Case Bkrs	100%			2041	**	5	\$1,300	
Wiring								
Thermoplastic	100%			2043	**	1		
Motor Controllers								
Locally Mounted	100%			2038	**	5	\$300	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$1,500	

## Lighting

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**MANHATTAN SIGN SHOP/BRDG OPS, PAINTERS, REPAIRER & RIVETER**  
**Asset # : 15363**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	24%			2033	\$296,700	10	\$39,300	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	1%			2033	\$12,400	10	\$1,600	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Iron Shop Office And Men's Locker Room</i>								
HID	50%	Now	\$620,100	2038	**			
<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Parking Garage Area</i>								
LED	25%			2038	**			
<b>Egress Lighting</b>								
Emergency, Battery	75%			2033	\$219,700	10	\$32,400	
Exit, Battery	25%			2038	**	10	\$3,000	
<b>Exterior Lighting</b>								
HID	15%			2038	**	10		
LED	5%			2038	**			
No Component	80%							
<b>Alarm</b>								
Security System								
Generic	100%			2038	**	1	\$19,000	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : CCTV Surveillance System</i>								
Fire/Smoke Detection								
Generic, Digital	100%	Now	\$2,600	2038	**	1-3	\$28,500	
<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Breeze Way</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Utility Steam	98%			2043	**	1		
Electricity	2%			2053	**	1		
<b>Conversion Equipment</b>								
Pres. Reducing Valve/LP Steam	100%			2036	**	5	\$10,600	
<b>Distribution</b>								
Steam Piping/Pump	60%			2043	**			
No Component	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**  
**MANHATTAN SIGN SHOP/BRDG OPS, PAINTERS, REPAIRER & RIVETER**  
**Asset # : 15363**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Terminal Devices								
Air Handler	10%			2028	\$328,500	1	\$11,100	
Convactor/Radiator	40%	Now	\$57,100	2046	**	1	\$20,800	
<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Bridge Operations Area Has No Heat At Radiators</i>								
Fan Coil Unit/Heat	10%			2038	**	1	\$5,800	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Bridge Operations</i>								
<i>Explanation : Electric Heaters</i>								
No Component	40%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Garage</i>								
<i>Explanation : No Heat In The Attached Garage Below The Bridge</i>								
<b>Controls</b>								
Electrical	100%	Now	\$5,500	2028	\$276,100			
<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Thermostats Not Calibrated</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2041	**	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	40%	Now	\$1,137,500	2038	**	2	\$3,500	
<i>Broken, Extent : Severe, Area Affected : 50%</i>								
<i>Location : 2nd Floor In Breezeway, 2 Of 4 Units Broken</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : 2nd Floor Breezeway</i>								
<i>Explanation : 4 Units Total, 2 Units Broken And 2 Units Malfunction Often.</i>								
Window/Wall Unit	20%			2028	\$132,200	1		
No Component	40%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$157,800	
Exhaust Fans								
Interior	100%	Now	\$387,100	2033	\$774,100	2	\$4,400	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : All The Fans Are Broken Including In The Garage</i>								
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%	Now	\$112,100	2043	**	1		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Bridge Office</i>								
<i>Explanation : Bridge Office Area Has No Hot Water</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MANHATTAN SIGN SHOP/BRDG OPS, PAINTERS, REPAIRER & RIVETER**  
**Asset # : 15363**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
Water Heater With Tanks Electric	100%			2031	\$46,200	4		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : 1st Floor Outside Of Mechanical Room</i>								
<i>Explanation : 120 Gallons. Quantity 2</i>								
HW Heat Exchanger Steam Fired	100%			2043	**	4	\$17,700	
Sanitary Piping Cast Iron	100%	Now	\$109,900	LIFE	**	1		
<i>Blockage /Clogged, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Drains Back Up Often</i>								
Sump Pump(s) Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Below The Garage</i>								
<i>Explanation : Pumps Are Broken.</i>								
Backflow Preventer Generic	100%			2038	**	1	\$10,900	
Fixtures Generic	100%							
<b>Fire Suppression</b>								
Sprinkler Generic	100%	Now	\$482,700	2053	**	1-2	\$43,400	
<i>Dry System, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Garage System Doesn't Hold Pressure Needs Maintenance Often</i>								
<i>Leak Evident, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout Building</i>								

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 1,967 **Project Type** : HIGHWAYS  
**Date of Survey** : 17-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1790 **Lot** : 1 **BIN** : 4444576

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$54,100	
<b>Total</b>	<b>\$54,100</b>	
Importance Code A	\$54,100	
<b>Total</b>	<b>\$54,100</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$59,700		\$5,500	
Interior Architecture	\$24,300	\$100		
Electrical	\$6,200		\$16,900	
Mechanical	\$400	\$400	\$6,800	\$400
<b>Total</b>	<b>\$90,600</b>	<b>\$500</b>	<b>\$29,300</b>	<b>\$400</b>
Importance Code A	\$59,800	\$100	\$5,600	\$100
Importance Code B	\$28,000	\$400	\$23,700	\$300
Importance Code C	\$2,800			
<b>Total</b>	<b>\$90,600</b>	<b>\$500</b>	<b>\$29,300</b>	<b>\$400</b>



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

**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								
Glass Block	10%			LIFE	**	5	\$400	
Masonry: Brick	85%	Now	\$49,000	LIFE	**	5	\$6,100	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Corners And Openings</i>								
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout Lower Facade</i>								
<i>Recent Repair Evident, Extent : N/A, Area Affected : 25%</i>								
<i>Location : Cracks And Brick At Lintels</i>								
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	3%	Now	\$8,300	LIFE	**	5	\$200	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Building Base</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Base Of West Facade</i>								
Pre-Cast Concrete	2%	Now	\$2,000	LIFE	**	5	\$500	
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : At Window Sills</i>								
Windows								
Aluminum	100%			2039	**	5	\$800	
Parapets								
Masonry: Brick	95%	Now	\$54,100	LIFE	**	5	\$2,200	1
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Exterior Parapet</i>								
<i>Recent Repair Evident, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Parapet</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Norht Facade Interior Parapet</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$700	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Coping Joints</i>								
Roof								
Modified Bitumen	100%			2036	**	10	\$5,500	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	**	5	\$4,200	
Vinyl Tile	35%			2031		3	\$400	

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

**Asset # : 564**

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

**Interior**

**Interior Walls**

Concrete Masonry Unit      25%    Now                      \$200    LIFE                      \* \*      5

*Cracking/Crumbling, Extent : Moderate, Area Affected : 10%  
Location : Cracks At Brick And Ceiling Joints In Locker Area*

Masonry: Brick                      75%    Now                      \$2,600    LIFE                      \* \*

*Cracking/Crumbling, Extent : Severe, Area Affected : 10%  
Location : At Lintels  
Diagonal Cracks, Extent : Severe, Area Affected : 5%  
Location : Corners  
Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%  
Location : Base And Between Beams  
Paint Peeling, Extent : Moderate, Area Affected : 15%  
Location : Base And Top Perimeter Walls  
Water Penetration, Extent : Severe, Area Affected : 25%  
Location : Throughout*

**Ceilings**

Exposed Struc: Concrete      100%    Now                      \$21,500    LIFE                      \* \*      5                      \$500

*Diagonal Cracks, Extent : Severe, Area Affected : 10%  
Location : Corners Of Ceiling And Perimeter Wall Joint And Between Beams  
Water Penetration, Extent : Moderate, Area Affected : 20%  
Location : Throughout*

**Site Pavements**

**On-Site Walkways**

Asphalt                                      100%    2034                                      \* \*

**Parking/Driveway**

Asphalt                                      75%    2034                                      \* \*

Cast in Place Concrete                      25%    2036                                      \* \*

*Cracking/Crumbling, Extent : Severe, Area Affected : 10%  
Location : Cracks At Joints, Quantity Assigned To Main Building, Asset 2412*

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

**Under 600 Volts**

**Raceway**

Conduit                                      100%    2031                                      \$4,300                                      1

**Panelboards**

Fused Disc Sw                                      5%    2030                                      \$500                                      5

Molded Case Bkrs                                      45%    2030                                      \$4,400                                      5

Molded Case Bkrs                                      50%    2039                                      \* \*                                      5

**Wiring**

Braided Cloth                                      70%    2-4                                      \$6,200    2056                                      \* \*                                      1

*Insulation Aged, Extent : Moderate, Area Affected : 100%  
Location : Throughout*

Thermoplastic                                      30%    2041                                      \* \*                                      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**  
**ARTERIAL AND FLEET SERVICES GAS HOUSE**

**Asset # : 564**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Motor Controllers								
Locally Mounted	100%			2029	\$11,200	5		
Lighting								
Interior Lighting								
Fluorescent	100%			2026	\$13,600	10	\$1,800	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Exterior Lighting								
HID	20%			2036	* *	10		
No Component	80%							
Alarm								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2026	\$1,500	1-3	\$400	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Natural Gas	100%			2041	* *	1		
Conversion Equipment								
Furnace	100%			2031	\$6,000	1	\$1,000	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : 2 Direct Fired Unit Heaters</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2039	* *	1		
Conversion Equipment								
Window/Wall Unit	30%			2026	\$2,200	1		
No Component	70%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Electric	100%			2030	\$23,100	4		
Sanitary Piping								
Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fire Suppression								

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

**Asset # : 564**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Fire Suppression Chemical System Dry	5%			2026	\$4,000	1-3	\$3,600	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Outside</i>							
	<i>Explanation : Fuel Station Only</i>							
No Component	95%							

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 17-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1790 **Lot** : 1 **BIN** : 4444576

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$93,300	
<b>Total</b>	<b>\$93,300</b>	
Importance Code A	\$93,300	
<b>Total</b>	<b>\$93,300</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$400			\$8,600
Interior Architecture	\$3,100			
Electrical			\$800	
Mechanical				
Site Pavements	\$400			\$200
<b>Total</b>	<b>\$3,900</b>		<b>\$800</b>	<b>\$8,800</b>
Importance Code A	\$400			\$8,600
Importance Code B	\$3,100		\$800	
Importance Code C	\$400			\$200
<b>Total</b>	<b>\$3,900</b>		<b>\$800</b>	<b>\$8,800</b>



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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTERIAL AND FLEET SERVICES GUARD HOUSE**  
**Asset # : 174**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Window Wall	100%	Now	\$93,300	2061	**	5	\$5,900	
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 5%</i>								
<i>Location : East Facade</i>								
<i>Glazing Clouded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : South And West Facades</i>								
<i>On Extended Life, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Roof								
Roll Roofing	100%	0-2	\$400	2027	\$8,600	5	\$1,100	
<i>Seams Open/Split, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Roof</i>								
Soffits								
Metal Panel	100%			2031		5-10		
Interior								
Floors								
Ceramic Tile	100%	Now	\$2,000	2034	**	5	\$400	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Main Area</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Main Area</i>								
Ceilings								
Fiber Board	100%	2-4	\$1,100	2031	\$10,500			
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2041	**			
<i>Impact Damage, Extent : Severe, Area Affected : 50%</i>								
<i>Location : West Of Guard House, Quantity Assigned To Main Building, Asset 2412</i>								
Free Standing Walls								
Concrete Masonry Unit	100%			2041	**			
Site Pavements								
On-Site Walkways								
Cast in Place Concrete	75%	0-2	\$100	2036	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Perimeter At Corner Guard Joint</i>								
Metal	25%	0-2	\$300	2041	**	1-3	\$500	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Walkway Perimeter</i>								
<i>Explanation : Rusted Corner Guards</i>								
Parking/Driveway								
Asphalt	100%			2034	**			
<i>Potholes, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : At Driveway Checkpoint, Quantity Assigned To Main Building, Asset 2412</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTERIAL AND FLEET SERVICES GUARD HOUSE**  
**Asset # : 174**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Under 600 Volts								
Raceway								
Conduit	100%			2031	\$4,300	1		
Panelboards								
Molded Case Bkrs	100%			2030	\$9,700	5		
Wiring								
Thermoplastic	100%			2031	\$8,800	1		
Lighting								
Interior Lighting								
Fluorescent	100%			2026	\$700	10	\$100	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Alarm								
Security System								
Generic	100%			2036	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Heating								
Energy Source								
Electricity	100%			2041	**	1		
Conversion Equipment								
Radiant Heater	100%			2031	\$2,400	2		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Office</i>								
<i>Explanation : 2 Units</i>								
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		
Conversion Equipment								
Window/Wall Unit	100%			2029	\$400	1		

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 17-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 1790 **Lot** : 1 **BIN** : 4444576

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$2,890,200	
Interior Architecture	\$658,400	
Electrical	\$59,200	\$78,500
Mechanical	\$156,900	\$1,264,300
Site Pavements	\$749,400	
<b>Total</b>	<b>\$4,514,200</b>	<b>\$1,342,800</b>
Importance Code A	\$3,047,100	\$164,100
Importance Code B	\$436,300	\$1,178,700
Importance Code C	\$1,030,800	
<b>Total</b>	<b>\$4,514,200</b>	<b>\$1,342,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$78,300		\$10,700	
Interior Architecture	\$122,200			\$900
Electrical	\$6,800	\$500	\$4,100	\$400
Mechanical	\$18,800	\$6,300	\$58,900	\$5,100
Site Pavements	\$5,400			
<b>Total</b>	<b>\$231,400</b>	<b>\$6,700</b>	<b>\$73,700</b>	<b>\$6,400</b>
Importance Code A	\$79,200	\$3,500	\$13,700	\$3,500
Importance Code B	\$97,500	\$3,300	\$60,000	\$2,900
Importance Code C	\$54,700			
<b>Total</b>	<b>\$231,400</b>	<b>\$6,700</b>	<b>\$73,700</b>	<b>\$6,400</b>



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

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

**Asset # : 2412**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Glass Block	10%			LIFE	**	5	\$4,300	
Masonry: Brick	70%	Now	\$1,547,300	LIFE	**	5	\$48,100	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : All Facades</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : North Facade, South Facade</i>								
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 10%</i>								
<i>Location : South Facade</i>								
<i>Rusting Masonry Supt, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Above Overhead Doors</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Facades</i>								
<i>Explanation : Crack Monitors At Some Crack Locations</i>								
Masonry: Granite	3%	Now	\$47,600	LIFE	**	5	\$1,500	1
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Building Base</i>								
Metal, Corrugated	5%	0-2	\$3,300	2041	**	1		
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At Window Openings In Blacksmith Shop</i>								
Metal Coiling Doors	10%			2036	**	5	\$21,500	
Pre-Cast Concrete	2%	Now	\$9,700	LIFE	**	5	\$4,500	
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Window Sills</i>								
Windows								
Aluminum	90%			2039	**	5	\$14,800	
Metal Louvers	10%			2034	**	10	\$10,300	
Parapets								
Masonry: Brick	95%	Now	\$678,000	LIFE	**	5	\$27,400	
<i>Diagonal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : East Facade</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Facade, South Facade</i>								
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : All Facades</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$9,100	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Coping</i>								

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

**Asset # : 2412**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Roof</b>								
Asphalt Shingle	65%	Now	\$122,200	2034	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Ridge</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Garage Area</i>								
Modified Bitumen	30%			2036	**	10	\$53,500	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Flat Roofs</i>								
Skylight, Metal/Glass	5%	Now	\$489,200	2041	**			1
<i>Miss/Damaged Flashings, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Over Garage Area</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Arterial Maintenance Garage Area</i>								
<b>Interior</b>								
<b>Floors</b>								
Asphalt Macadam	90%	0-2	\$41,400	2051	**	5	\$21,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	2%			2034	**	5	\$1,900	
Vinyl Tile	8%			2039	**	3	\$3,800	
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<b>Interior Walls</b>								
Cast in Place Concrete	5%	Now	\$17,300	LIFE	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Columns</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Columns</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Garage</i>								
<i>Explanation : Various Expressway Columns Run Through The Garage Area</i>								
Concrete Masonry Unit	30%	Now	\$32,100	LIFE	**	5	\$2,800	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Walls Dividing Garage Areas</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Walls Dividing Garage Areas</i>								
Masonry: Brick	65%	Now	\$281,400	LIFE	**			
<i>Diagonal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Lintels Throughout</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout Perimeter Walls And At Interior Walls Of Blacksmith Shop</i>								

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

**Asset # : 2412**

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

**Interior**

**Ceilings**

AcousTileSusp.Lay-In	5%	Now	\$1,500	2044	* *	5	\$2,400	
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*Water Penetration, Extent : Severe, Area Affected : 5%*  
*Location : Offices Throughout*

Exposed Struc: Steel	20%			LIFE	* *			
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Exposed Struc: Wood	60%	Now	\$377,100	LIFE	* *			
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*Water Penetration, Extent : Moderate, Area Affected : 20%*  
*Location : Garage Area*

Gypsum Board	5%			LIFE	* *	5	\$5,900	
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*Recent Installation, Extent : N/A, Area Affected : 100%*  
*Location : Heavy Equipment Shop Lounge, Offices In Arterial Maintenance*

Plaster	10%	Now	\$28,000	LIFE	* *	5	\$5,900	
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*Broken/Missing Elements, Extent : Severe, Area Affected : 25%*  
*Location : Heavy Equipment Shop*  
*Cracking/Crumbling, Extent : Severe, Area Affected : 25%*  
*Location : Heavy Equipment Shop And Bodyshop*  
*Water Penetration, Extent : Severe, Area Affected : 20%*  
*Location : Heavy Equipment Shop Skylights*

**Site Pavements**

**On-Site Walkways**

Asphalt	75%	Now	\$3,500	2034	* *			
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*Cracking/Crumbling, Extent : Severe, Area Affected : 20%*  
*Location : Perimeter Of Building*

Cast in Place Concrete	25%	0-2	\$1,900	2036	* *			
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*Cracking/Crumbling, Extent : Moderate, Area Affected : 10%*  
*Location : Entries And West Facade Area*

**Parking/Driveway**

Asphalt	100%	Now	\$749,400	2034	* *			
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*Ponding, Extent : Severe, Area Affected : 20%*  
*Location : North Facade Towards Center Of Building*

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

**Under 600 Volts**

**Service Equipment**

Fused Disc Sw	100%			2051	* *	5	\$300	
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*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Electrical Room*

*Explanation : One 2,000 Ampere Main Disconnect Switch*

**Switchgear / Switchboard**

Fused Disc Sw	100%			2051	* *	5	\$300	
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**Raceway**

Conduit	20%			2051	* *	1		
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Conduit	80%			2031	\$8,600	1		
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**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTERIAL AND FLEET SERVICES MAIN GARAGE**

**Asset # : 2412**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Panelboards								
Fused Disc Sw	5%			2030	\$1,900	5	\$100	
Molded Case Bkrs	45%			2047	**	5	\$800	
Molded Case Bkrs	50%			2030	\$19,500	5	\$900	
Wiring								
Braided Cloth	30%	2-4	\$6,600	2056	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	45%			2041	**	1		
Thermoplastic	25%			2031	\$5,500	1		
Motor Controllers								
Locally Mounted	100%			2029	\$78,500	5	\$400	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$900	
Lighting								
Interior Lighting								
Fluorescent	100%			2036	**	10	\$59,200	
<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Egress Lighting								
Emergency, Battery	25%			2036	**	10	\$3,800	
Exit, Service	25%			2036	**	1		
No Component	50%							
Exterior Lighting								
HID	20%			2036	**	10		
No Component	80%							

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Electricity	10%			2041	**	1		
Natural Gas	90%			2041	**	1		
Conversion Equipment								
Furnace	10%			2036	**	1	\$3,200	
Furnace	60%	0-2	\$117,700	2041	**	1	\$17,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 40 Direct Fired Unit Heaters Are Not In Service, Either Broken Or Damaged.</i>								
Furnace	20%			2026	\$39,200	1	\$6,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Various Locations</i>								
<i>Explanation : Direct Fired Unit Heaters</i>								
Radiant Heater	10%			2031	\$164,100	2	\$3,000	

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

**Asset # : 2412**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Air Conditioning									
Energy Source									
	Electricity	100%			2039	* *	1		
Conversion Equipment									
	Window/Wall Unit	10%			2026	\$23,900	1		
	No Component	90%							
Ventilation									
Exhaust Fans									
	Wall Unit	80%			2026	\$21,800	2	\$1,600	
	No Component	20%							
Plumbing									
H/C Water Piping									
	Brass/Copper	100%			2031	\$809,800	1		
Water Heater With Tanks									
	Electric	100%			2029	\$23,100	4		
Sanitary Piping									
	Cast Iron	100%	0-2	\$15,900	LIFE	* *	1		
			<i>Blockage /Clogged, Extent : Moderate, Area Affected : 10%</i>						
			<i>Location : Outside North Of The Building</i>						
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Backflow Preventer									
	Generic	100%			2039	* *	1	\$4,000	
Fixtures									
	Generic	100%							
Fire Suppression									
Standpipe									
	Generic	100%			2031	\$290,300	1-5	\$32,600	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 17-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 1790 **Lot** : 1 **BIN** : 4444576

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$993,600	\$361,800
Interior Architecture	\$251,600	
Electrical	\$19,100	\$127,000
<b>Total</b>	<b>\$1,264,200</b>	<b>\$488,800</b>
Importance Code A	\$993,600	\$361,800
Importance Code B	\$181,500	\$127,000
Importance Code C	\$89,100	
<b>Total</b>	<b>\$1,264,200</b>	<b>\$488,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$55,000		\$1,900	
Interior Architecture	\$68,100		\$400	\$20,200
Electrical	\$10,500	\$100	\$22,500	\$100
Mechanical	\$3,800	\$700	\$38,400	\$800
Site Pavements	\$27,000			
<b>Total</b>	<b>\$164,400</b>	<b>\$800</b>	<b>\$63,100</b>	<b>\$21,000</b>
Importance Code A	\$55,500	\$600	\$2,500	\$600
Importance Code B	\$78,300	\$200	\$60,600	\$20,400
Importance Code C	\$30,600			
<b>Total</b>	<b>\$164,400</b>	<b>\$800</b>	<b>\$63,100</b>	<b>\$21,000</b>



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

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

**Asset # : 2406**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Glass Block	10%	Now	\$4,300	LIFE	**	5	\$1,300	
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Office 1, Office 8 At East And West Facades</i>							
Masonry: Brick	65%	Now	\$451,000	LIFE	**	5	\$14,000	1
	<i>Diagonal Cracks, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Horizontal Cracks, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : West Facade, East Facade</i>							
	<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : West Facade, East Facade</i>							
	<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : North Facade</i>							
	<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : West Facade</i>							
	<i>Rusting Masonry Supt, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Vertical Cracks, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Masonry: Granite	5%	Now	\$24,900	LIFE	**	5	\$800	
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Bases Of Piers Along South And West Facade</i>							
Metal Coiling Doors	5%			2036	**	5	\$3,400	
Pre-Cast Concrete	5%	Now	\$3,800	LIFE	**	5	\$3,500	
	<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : North Facade, Widow Sills</i>							
Stucco Cement	10%	0-2	\$6,000	2036	**	5	\$2,700	
	<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : East Facade At Second Floor</i>							
Windows								
Aluminum	95%	Now	\$248,900	2056	**	5	\$2,700	
	<i>Air Infiltration, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Unit Inoperable, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
Metal Clad	5%			2039	**	5	\$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**  
**ARTERIAL AND FLEET SERVICES OFFICE AND STOREHOUSE**

**Asset # : 2406**

<b>Architecture</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Parapets</b>								
Masonry: Brick	95%	Now	\$15,100	LIFE	**	5	\$2,400	1
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout Exterior Facade</i>								
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Parapet Cracks</i>								
Metal Panel	5%			2041	**	5	\$500	
<i>Deformed/Dented, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Metal Coping</i>								
<b>Roof</b>								
Modified Bitumen	95%			2031	\$361,800	10	\$33,900	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : All Roofs</i>								
Skylight, Metal/Glass	5%	Now	\$293,700	2061	**			
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Over Mens Locker Room</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Over Mens And Womens Locker Room, Storage Area Skylights</i>								

**Interior**

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

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

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

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

**Asset # : 2406**

<b>Architecture</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Carpet	5%			2027	\$18,600	3	\$2,100	
Cast in Place Concrete	40%	Now	\$14,300	LIFE	**	5	\$18,800	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Storage Areas</i>								
<i>Loose/Delam Surface, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Storage Areas And Mechanical Areas</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Storage And Mechanical Areas</i>								
Mosaic Tile	5%	Now	\$4,900	2036	**	5	\$1,300	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Bathrooms</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bathrooms</i>								
Sheet Vinyl/Rubber	8%	Now	\$54,900	2041	**	5	\$1,300	
<i>Worn/Eroded, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Locker Rooms</i>								
Vinyl Tile	30%			2036	**	3	\$3,200	
Vinyl Tile	5%	Now	\$5,800	2041	**	3	\$400	
<i>Water Penetration, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Mechanical Areas</i>								
Vinyl Tile 9" X 9"	5%	Now	\$9,300	2041	**	3	\$400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Office 1</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Office 1</i>								
Wood	2%			2046	**	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**  
**ARTERIAL AND FLEET SERVICES OFFICE AND STOREHOUSE**

**Asset # : 2406**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Gypsum Board	15%	Now	\$1,100	LIFE	**	5	\$1,000	
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Offices At Perimeter Walls</i>								
Masonry: Brick	45%	Now	\$89,100	LIFE	**			
<i>Diagonal Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Storage Space</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Storage Area At Lintels</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Storage Space</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Perimeter Walls</i>								
Plaster	20%	Now	\$2,500	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout Perimeter Walls And Locker Rooms</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Perimeter Walls</i>								
Plywood/Hardboard	10%			LIFE	**			
SGFT/Glazed Masonry	10%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	30%	4+	\$2,100	2036	**	5	\$3,200	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Mechanical Areas And Lounge On First Floor</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Office 8, 13 And Lounge</i>								
Exposed Struc: Concrete	20%			LIFE	**	5	\$700	
Exposed Struc: Wood	25%	Now	\$107,500	LIFE	**			
<i>Split/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Storage Area</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Over Storage Area</i>								
Gypsum Board	10%	Now	\$22,000	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Storage Area At First Floor And Second Floor Offices</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Storage Area At First Floor</i>								
Plaster	15%	Now	\$4,800	LIFE	**	5	\$2,000	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Mens And Womens Locker Room</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Mens And Womens Locker Room</i>								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2041	**			
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**  
**ARTERIAL AND FLEET SERVICES OFFICE AND STOREHOUSE**

**Asset # : 2406**

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

Site Pavements

On-Site Walkways

Cast in Place Concrete	100%	0-2	\$600	2036	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Facade Walkway</i>								

Parking/Driveway

Asphalt	100%	Now	\$26,400	2034	**			
<i>Ponding, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Northwest Corner Of Parking Area</i>								

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

Under 600 Volts

Switchgear / Switchboard

Molded Case Bkrs	100%			2031	\$127,000	5	\$300
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Raceway

Conduit	60%			2031	\$19,000	1	
Conduit	40%			2051	**	1	

Panelboards

Fused Disc Sw	5%			2030	\$1,900	5	
Molded Case Bkrs	55%			2030	\$21,400	5	\$200
Molded Case Bkrs	40%			2047	**	5	\$100

Wiring

Braided Cloth	20%	2-4	\$10,500	2056	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	40%			2031	\$21,000	1		
Thermoplastic	40%			2051	**	1		

Motor Controllers

Locally Mounted	100%			2029	\$45,800	5	\$100
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Lighting

Interior Lighting

Fluorescent	10%			2026	\$19,100	10	\$1,000	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor</i>								
Fluorescent	80%			2036	**	10	\$8,400	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2036	**	10	\$1,000	
<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Storage</i>								

Egress Lighting

Emergency, Battery	50%			2036	**	10	\$1,400
Exit, Service	50%			2036	**	1	

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

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

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

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

**Asset # : 2406**

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

## Lighting

Exterior Lighting								
HID	20%			2026	\$10,400	10		
No Component	80%							

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

## Heating

Energy Source								
Natural Gas	100%			2041	**	1		
Conversion Equipment								
Furnace	80%			2031	\$27,800	1	\$4,500	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Various Locations</i>					
			<i>Explanation : 15 Direct Fired Unit Heaters</i>					
Hot Water Boiler	20%			2051	**	1	\$1,100	
			<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : 2 Units, Boiler Room</i>					

Distribution								
Hot Wtr Piping/Pump	20%			2039	**	4	\$100	
No Component	80%							
Terminal Devices								
Convactor/Radiator	20%			2036	**	1	\$700	
No Component	80%							

## Air Conditioning

Energy Source								
Electricity	100%			2039	**	1		
Conversion Equipment								
Split Unit	15%			2036	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Various Locations</i>					
			<i>Explanation : 3 Units. R-410a</i>					
Window/Wall Unit	60%			2026	\$25,400	1		
No Component	25%							
Terminal Devices								
Fan Coil - 2 Pipe	15%			2036	**	1	\$600	
No Component	85%							
Heat Rejection								
Air Cooled Condenser Unit	15%			2036	**	2	\$1,200	
No Component	85%							

## Ventilation

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

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

**Asset # : 2406**

<b>Mechanical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Ventilation</b>								
Exhaust Fans								
Interior	10%			2031	\$5,000	2		
Roof	10%			2031	\$2,200	2		
Wall Unit	10%			2041	* *	2		
Wall Unit	10%			2026	\$500	2		
No Component	60%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2041	* *	1		
Water Heater With Tanks								
Electric	50%			2026	\$11,500	4		
Electric	50%			2031	\$11,500	4		
Sanitary Piping								
Cast Iron	100%	0-2	\$2,800	LIFE	* *	1		
		<i>Blockage /Clogged, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Outside Under Harper Street</i>						
Storm Drain Piping								
Cast Iron	100%			LIFE	* *	1		
Fixtures								
Generic	100%							
		<i>Obsolete Fixtures, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : 1st Floor Men's Bathroom</i>						

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : ARTERIAL AND FLEET SERVICES STORAGE 1  
**Address** : 32-11 HARPER STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0092.040 / 2407 **Yr Built/Renovated** : 1937 / 1997  
**Area Sq Ft** : 1,758 **Project Type** : HIGHWAYS  
**Date of Survey** : 17-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,Mez  
**Block** : 1790 **Lot** : 1 **BIN** : 4444576

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$73,000	\$197,500
Interior Architecture	\$152,200	
<b>Total</b>	<b>\$225,100</b>	<b>\$197,500</b>
Importance Code A	\$73,000	\$197,500
Importance Code B	\$152,200	
<b>Total</b>	<b>\$225,100</b>	<b>\$197,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$71,000		\$200	
Interior Architecture	\$3,800		\$100	
Electrical	\$12,200		\$15,700	
Mechanical	\$1,400	\$100	\$100	\$100
Site Pavements	\$13,600			
<b>Total</b>	<b>\$102,100</b>	<b>\$100</b>	<b>\$16,100</b>	<b>\$100</b>
Importance Code A	\$71,100	\$100	\$200	\$100
Importance Code B	\$13,500		\$15,800	
Importance Code C	\$17,400			
<b>Total</b>	<b>\$102,100</b>	<b>\$100</b>	<b>\$16,100</b>	<b>\$100</b>



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

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Glass Block	10%	0-2	\$5,600	LIFE	**	5	\$700	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Mezzanine Area</i>								
Masonry: Brick	80%	Now	\$73,000	LIFE	**	5	\$9,100	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Corners</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Horizontal Cracks, Extent : Severe, Area Affected : 20%</i>								
<i>Location : East Facade, West Facade</i>								
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : North And East Facade</i>								
Metal Coiling Doors	5%	Now	\$5,900	2036	**	5	\$900	
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Interior Side Of Doors</i>								
Pre-Cast Concrete	5%	Now	\$8,000	LIFE	**	5	\$1,800	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Window Sills And Building Base</i>								
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Window Sills, Building Base</i>								
<b>Windows</b>								
Aluminum	100%			2039	**	5	\$4,100	
<b>Parapets</b>								
Masonry: Brick	95%	Now	\$38,000	LIFE	**	5	\$1,500	1
<i>Diagonal Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : At Corners</i>								
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Exterior Parapets</i>								
Metal Panel	5%			2041	**	5	\$300	
<b>Roof</b>								
Modified Bitumen	95%			2031		10	\$7,900	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Skylight, Metal/Glass	5%	Now	\$11,400	2031	\$113,600			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Main Roof</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Main Roof</i>								
<b>Soffits</b>								
Metal, Corrugated	100%			2041	**	1		

**Interior**

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

**Asset # : 2407**

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

**Interior**

**Floors**

Cast in Place Concrete	80%			LIFE	**	5	\$7,700	
Vinyl Tile 9" X 9"	20%			2026	\$152,200	3	\$300	

**Interior Walls**

Masonry: Brick	100%	Now	\$3,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : At Corners</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								

**Ceilings**

Exposed Struc: Wood	100%			LIFE	**			
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**Site Enclosure**

**Fence/Gates**

Chain Link	100%			2041	**			
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**Site Pavements**

**On-Site Walkways**

Asphalt	100%			2034	**			
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**Parking/Driveway**

Asphalt	100%	Now	\$13,600	2034	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Base Of Building</i>								
<i>Ponding, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Of Building</i>								

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

**Under 600 Volts**

**Raceway**

Conduit	100%			2031	\$4,300	1		
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**Panelboards**

Fused Disc Sw	20%			2030	\$1,900	5		
Fused Toggle Switch	80%	2-4	\$7,800	2056	**	5		

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

*Location : Receiving Office Room*

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Wiring								
Braided Cloth	50%	2-4	\$4,400	2056	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Thermoplastic	50%			2031	\$4,400	1		
Motor Controllers								
Locally Mounted	100%			2029	\$11,200	5		
Lighting								
Interior Lighting								
Fluorescent	95%			2026	\$11,600	10	\$1,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Using T-12 Lamps</i>								
HID	5%			2026	\$1,000	10		
Exterior Lighting								
HID	20%			2026	\$1,600	10		
No Component	80%							

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Natural Gas	100%			2041	**	1		
Conversion Equipment								
Furnace	100%			2039	**	1	\$900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	1		
Conversion Equipment								
Window/Wall Unit	20%			2024	\$1,300	1		
No Component	80%							
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 10-Nov-2021 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3,4  
**Block** : 6036 **Lot** : 1 **BIN** : 3153196

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$556,800	\$56,100
Interior Architecture	\$3,858,500	\$119,200
Electrical	\$224,100	\$164,500
<b>Total</b>	<b>\$4,639,300</b>	<b>\$339,800</b>
Importance Code A	\$556,800	\$56,100
Importance Code B	\$4,082,600	\$283,700
<b>Total</b>	<b>\$4,639,300</b>	<b>\$339,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$159,100		\$6,300	
Interior Architecture	\$48,200			\$1,800
Electrical	\$3,300	\$8,300	\$8,600	\$11,100
Mechanical	\$5,900		\$500	
Site Pavements	\$68,400			
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$292,800</b>	<b>\$16,200</b>	<b>\$23,300</b>	<b>\$20,800</b>
Importance Code A	\$159,300		\$6,300	
Importance Code B	\$53,900	\$16,200	\$17,000	\$20,700
Importance Code C	\$79,600			\$100
<b>Total</b>	<b>\$292,800</b>	<b>\$16,200</b>	<b>\$23,300</b>	<b>\$20,800</b>



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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	35%	Now	\$65,600	LIFE	**	5	\$56,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Adjacent To Main Entrance To The Garage And Other Areas Throughout</i>								
Concrete Masonry Unit	10%	Now	\$33,600	LIFE	**	5	\$2,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Elevation</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade</i>								
Masonry: Brick	16%	Now	\$41,300	LIFE	**	5	\$5,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Masonry: Granite	2%	Now	\$1,000	LIFE	**	5	\$500	
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	15%			2043	**	5-10	\$33,100	
Metal Coiling Doors	2%	0-2	\$20,100	2046	**	5	\$1,000	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Right Garage Door</i>								
Pre-Cast Concrete	10%	Now	\$45,400	LIFE	**	5	\$10,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Window Wall	10%			2053	**	5	\$12,000	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : West And South Sides</i>								
<i>Explanation : Sections Of The First Floor Are Occupied By A School, Bank And Stores</i>								
<b>Windows</b>								
Metal Louvers	100%			2042	**	10	\$12,100	
<b>Parapets</b>								
Cast in Place Concrete	50%			LIFE	**	5	\$29,800	
Concrete Masonry Unit	15%			LIFE	**	5-10	\$2,400	
Metal Rail	20%			2046	**	5-10	\$10,400	
Metal: Cage/Fence	15%	4+	\$1,000	2038	**	5	\$1,400	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Facade</i>								
<b>Roof</b>								
Traffic Topping	95%	Now	\$491,200	2043	**			
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Bulkhead</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Top Parking Level</i>								
Not Accessible	5%							
<b>Soffits</b>								
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		Priority
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	\$503,100	LIFE	**	5	\$66,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Near Basement Entrance, Main Drive And Entrance</i>								
Ceramic Tile	2%			2042	**	5	\$2,400	
Traffic Topping	70%	Now	\$2,371,000	2038	**	5	\$53,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : All Parking Levels</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : All Parking Levels</i>								
Vinyl Tile	3%	0-2	\$98,000	2043	**	3	\$1,400	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Office</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Office</i>								
Interior Walls								
Cast in Place Concrete	70%			LIFE	**	10	\$20,300	
Ceramic Tile	2%			2042	**	5	\$200	
Concrete Masonry Unit	20%	Now	\$10,600	LIFE	**	5	\$900	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	8%	Now	\$17,300	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
Exposed Struc: Concrete	100%	2-4	\$886,300	LIFE	**	5	\$18,900	
<i>Loose/Delam Surface, Extent : Light, Area Affected : 5%</i>								
<i>Location : First Floor Utility</i>								
Site Enclosure								
Fence/Gates								
Chain Link	90%			2053	**			
Iron Picket	10%			2068	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	98%	Now	\$35,900	2046	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 50%</i>								
<i>Location : Fifth Avenue And 85th Street</i>								
Pavers/Stone	2%	Now	\$1,000	2042	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Fifth Avenue And 85th Street</i>								
On-Site Walkways								
Cast in Place Concrete	100%	Now	\$31,400	2053	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : East Side Of Building</i>								
Parking/Driveway								
Cast in Place Concrete	100%			2046	**			

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2033	\$7,400	5	\$400	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Disconnect Switch Rated At 800 Amperes.</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	\$63,500	5	\$2,300	
Raceway								
Conduit	100%			2033	\$10,800	1		
Panelboards								
Fused Disc Sw	20%			2032	\$7,800	5	\$400	
Molded Case Bkrs	80%			2032	\$31,200	5	\$1,900	
Wiring								
Thermoplastic	100%			2033	\$22,100	1		
Motor Controllers								
Locally Mounted	100%			2031	\$101,000	5	\$600	
<b>Ground</b>								
Grounding Devices								
Not Accessible	100%							
<b>Lighting</b>								
Interior Lighting								
LED	100%			2041	**			
Egress Lighting								
Exit, LED	100%			2068	**	1		
Exterior Lighting								
LED	30%			2041	**			
No Component	70%							
<b>Alarm</b>								
Security System								
Generic	100%			2041	**	1	\$33,200	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
Generic, Analog	100%	Now	\$224,100	2043	**	1-3	\$49,800	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Stair Cases</i>								
<i>Explanation : Not Functional</i>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								

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**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
<b>Heating</b>								
Energy Source								
Electricity	2%			2043	**	1		
No Component	98%							
Conversion Equipment								
Radiant Heater	1%	0-2	\$200	2043	**	2		
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Restrooms</i>					
			<i>Explanation : Obsolete Units</i>					
Radiant Heater	1%			2033	\$200	2		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : 1st Floor Office</i>					
			<i>Explanation : Electric Unit Heater</i>					
No Component	98%							
<b>Air Conditioning</b>								
Energy Source								
Electricity	2%			2041	**	1		
No Component	98%							
Conversion Equipment								
Window/Wall Unit	2%			2028	\$6,000	1		
No Component	98%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	2%			2033	\$20,300	1		
No Component	98%							
Water Heater With Tanks								
Electric	2%			2026	\$500	4		
No Component	98%							
Sanitary Piping								
Cast Iron	20%	0-2	\$4,000	LIFE	**	1		
			<i>Corroded, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Basement</i>					
Cast Iron	80%			LIFE	**	1		
Sump Pump(s)								
Non-Submersible	10%	Now	\$1,700	2043	**	4	\$200	
			<i>Corroded, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Obsolete Equipment, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
No Component	90%							
<b>Vertical Transport</b>								

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Vertical Transport	Elevators							
	Hydraulic	100%			LIFE	**		
				<i>Controller Not Working, Extent : Moderate, Area Affected : 100%</i>				
				<i>Location : Level 1 To Roof</i>				
				<i>Other Observation, Extent : N/A, Area Affected : 100%</i>				
				<i>Location : Level 1 To Roof</i>				
				<i>Explanation : 2 Units</i>				
Fire Suppression	Standpipe							
	Generic	100%			2043	**	1-5	\$400
	Sprinkler							
	No Component	98%						
	Generic	2%			2033	\$200	1-2	

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

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

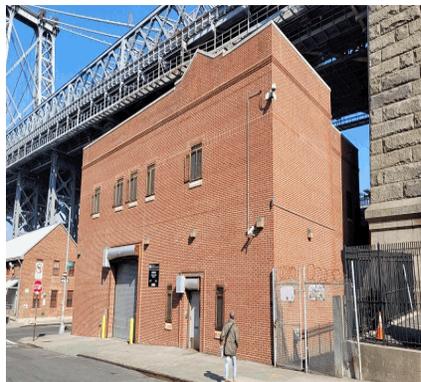
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : BRIDGES BUILDING  
**Address** : 17 SOUTH 6TH STREET CORNER OF KENT AVE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0348.010 / 15362 **Yr Built/Renovated** : 1960 /  
**Area Sq Ft** : 20,272 **Project Type** : HIGHWAYS  
**Date of Survey** : 02-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 2454 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$319,400	\$55,600
Interior Architecture	\$695,300	\$51,100
Mechanical		\$58,400
<b>Total</b>	<b>\$1,014,700</b>	<b>\$165,100</b>
Importance Code A	\$319,400	\$55,600
Importance Code B	\$302,300	\$109,500
Importance Code C	\$393,000	
<b>Total</b>	<b>\$1,014,700</b>	<b>\$165,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$51,300		\$1,900	
Interior Architecture	\$98,900			\$1,600
Electrical	\$2,500	\$1,900	\$2,300	\$1,900
Mechanical	\$4,900	\$4,100	\$3,800	\$4,000
Site Pavements	\$13,800			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$175,300</b>	<b>\$9,900</b>	<b>\$11,900</b>	<b>\$11,400</b>
Importance Code A	\$52,300	\$1,000	\$2,900	\$1,000
Importance Code B	\$70,100	\$8,900	\$9,100	\$10,000
Importance Code C	\$52,800			\$400
<b>Total</b>	<b>\$175,300</b>	<b>\$9,900</b>	<b>\$11,900</b>	<b>\$11,400</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BRIDGES BUILDING**  
**Asset # : 15362**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Glass Block	2%			LIFE	**	5	\$1,000	
Masonry: Brick Cavity	95%	Now	\$319,400	LIFE	**	5	\$37,500	
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Along 5th Street</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Along 5th Street</i>								
<i>Explanation : Steel Braces Installed To Stabilize Wall</i>								
Metal Coiling Doors	3%			2046	**	5	\$3,700	
Windows								
Aluminum	99%			2049	**	5	\$2,400	
Metal Louvers	1%			2042	**	10	\$200	
Parapets								
Cast Stone/Terra Cotta	15%			LIFE	**	5-10	\$29,100	
Masonry: Brick Cavity	85%	0-2	\$28,500	LIFE	**	5	\$5,800	
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 5%</i>								
<i>Location : Interior Parapet</i>								
<i>Miss/Damaged Flashings, Extent : Light, Area Affected : 5%</i>								
<i>Location : 2nd Floor Flashing</i>								
Roof								
Panel/Paver: Cer/Brk	100%			2043	**	10	\$55,600	
Interior								
Floors								
Cast in Place Concrete	77%			LIFE	**	5	\$102,200	
Ceramic Tile	3%			2042	**	5	\$900	
Vinyl Tile	20%	2-4	\$32,700	2038	**	3	\$2,300	
<i>Worn/Eroded, Extent : Light, Area Affected : 20%</i>								
<i>Location : Offices</i>								
Interior Walls								
Cast in Place Concrete	2%			LIFE	**	10	\$2,100	
Ceramic Tile	2%			2042	**	5	\$800	
Concrete Masonry Unit	20%	Now	\$38,800	LIFE	**	5	\$3,400	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Adjacent Overhead Door</i>								
Glass: Single Pane	1%			LIFE	**	5	\$600	
Gypsum Board	25%			LIFE	**	5-10	\$18,000	
Masonry: Brick	50%	Now	\$393,000	LIFE	**			
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Rear Garage Storage</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Rear Garage Storage</i>								
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Rear Storage</i>								
<i>Explanation : Steel Braces Installed To Stabilize Wall</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BRIDGES BUILDING**  
**Asset # : 15362**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	20%	Now	\$1,900	2046	**	5	\$2,900	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Offices</i>								
Exposed Struc: Concrete	60%	Now	\$251,200	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Rear Garage Storage</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Garage Storage</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Rear Garage Storage</i>								
<i>Explanation : Steel Braces Installed To Stabilize Ceiling</i>								
Exposed Struc: Steel	20%			LIFE	**	10	\$11,400	
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%	0-2	\$13,800	2046	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2053	**	5	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement Electrical Room</i>								
<i>Explanation : Main Service Switch Rating 600 Amperes</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2053	**	5	\$100	
<b>Raceway</b>								
Conduit	100%			2053	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2049	**	5	\$500	
<b>Wiring</b>								
Thermoplastic	100%			2053	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2046	**	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$600	
<b>Lighting</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**BRIDGES BUILDING**  
**Asset # : 15362**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	10%			2033	\$14,000	10	\$1,900	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement And Some Area At 1st Floor</i>								
LED	90%			2038	**			
<b>Egress Lighting</b>								
Emergency, Battery	50%			2038	**	10	\$2,400	
Exit, Battery	50%			2038	**	10	\$700	
<b>Exterior Lighting</b>								
HID	20%			2028	\$18,500	10		
No Component	80%							
<b>Alarm</b>								
Security System Generic	100%			2038	**	1	\$7,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Interior And Exterior Of The Building</i>								
<i>Explanation : Cameras Security System</i>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2038	**	1-3	\$12,500	
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Natural Gas	100%			2053	**	1		
<b>Conversion Equipment</b>								
Furnace	70%			2038	**	1	\$7,000	
Hot Water Boiler	30%			2046	**	1	\$3,000	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Units</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	30%			2049	**	4	\$500	
No Component	70%							
<b>Terminal Devices</b>								
Air Handler	20%			2038	**	1	\$2,500	
Convactor/Radiator	10%			2046	**	1	\$700	
No Component	70%							
<b>Air Conditioning</b>								
Energy Source Electricity	30%			2049	**	1		
No Component	70%							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**BRIDGES BUILDING**  
**Asset # : 15362**

Mechanical	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Air Conditioning								
Conversion Equipment								
Interior Pkg Unit - Cooling	10%			2034	**	2	\$100	
Reciprocating Compr/Chiller	20%			2033	\$58,400	1	\$1,900	
No Component	70%							
Terminal Devices								
Air Handler/Cool/Ht	20%			2038	**	1	\$2,500	
No Component	80%							
Heat Rejection								
Air Cooled Condenser Unit	30%			2033	\$5,200	2	\$4,200	
No Component	70%							
Ventilation								
Distribution								
Ductwork/Diffusers	30%			LIFE	**	2-5	\$5,400	
No Component	70%							
Exhaust Fans								
Interior	30%			2038	**	2	\$200	
Roof	70%			2033	\$26,900	2	\$400	
Plumbing								
H/C Water Piping								
Brass/Copper	30%			2053	**	1		
No Component	70%							
Water Heater With Tanks								
Electric	100%			2032	\$23,100	4		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : 2nd Floor</i>					
			<i>Explanation : One 80 Gallon Unit</i>					
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Submersible	100%			2026	\$600	4	\$600	
Backflow Preventer								
Generic	100%			2038	**	1	\$1,200	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			
			<i>Controller Not Working, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Has Been For 2 Years. Basement</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Basement To 2nd Floor</i>					
			<i>Explanation : 1 Unit</i>					

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

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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**BRIDGES BUILDING**  
**Asset # : 15362**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Fire Suppression	Sprinkler							
	Generic	100%			2053	* *	1-2	\$5,700
Fire Pump	Generic	100%			2036	* *	1	\$3,800

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 03-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 39 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$530,800	
Interior Architecture	\$115,700	\$51,300
Electrical		\$128,600
Mechanical		\$177,000
<b>Total</b>	<b>\$646,400</b>	<b>\$357,000</b>
Importance Code A	\$530,800	\$177,000
Importance Code B	\$51,300	\$180,000
Importance Code C	\$64,400	
<b>Total</b>	<b>\$646,400</b>	<b>\$357,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$24,500		\$2,600	
Interior Architecture	\$97,300			\$800
Electrical	\$14,800	\$1,600	\$1,700	\$2,200
Mechanical	\$4,600	\$2,700	\$2,200	\$2,300
Site Pavements	\$21,100			
<b>Total</b>	<b>\$162,300</b>	<b>\$4,300</b>	<b>\$6,500</b>	<b>\$5,300</b>
Importance Code A	\$25,700	\$1,200	\$3,100	\$1,200
Importance Code B	\$136,600	\$3,100	\$3,400	\$4,200
Importance Code C				
<b>Total</b>	<b>\$162,300</b>	<b>\$4,300</b>	<b>\$6,500</b>	<b>\$5,300</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**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	\$165,700	LIFE	**	5	\$19,800	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Expansion Joint Failure, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Rusting Masonry Supt, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Above Windows</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Rear Of Shop</i>							
Metal Sect. OHD	5%			2046	**	5	\$5,200	
Windows								
Steel	100%	Now	\$99,800	2058	**	5	\$8,500	
	<i>Air Infiltration, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
	<i>Unit Inoperable, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Shop</i>							
Parapets								
Cast Stone/Terra Cotta	10%	Now	\$6,000	LIFE	**	5	\$2,600	1
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Concrete Masonry Unit	90%	Now	\$18,500	LIFE	**	5	\$3,400	1
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Throughout</i>							
Roof								
Panel/Paver: Cer/Brk	100%	Now	\$265,300	2043	**			
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Drains Clogged, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Roof Drains</i>							
	<i>Misaligned/Bulging, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Around Roof Drains</i>							
Interior								

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

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

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

<b>Architecture</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Interior</b>									
<b>Floors</b>									
Cast in Place Concrete	90%			LIFE	**	5	\$102,600		
Ceramic Tile	5%			2042	**	5	\$1,300		
Vinyl Tile	5%	Now	\$35,200	2043	**	3	\$500		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<b>Interior Walls</b>									
Concrete Masonry Unit	100%	0-2	\$64,400	LIFE	**	5	\$14,000		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
<i>Vertical Cracks, Extent : Light, Area Affected : 5%</i>									
<i>Location : Iron Shop</i>									
<b>Ceilings</b>									
AcousTileSusp.Lay-In	40%	0-2	\$32,300	2053	**	5	\$5,000		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : 2nd Floor</i>									
<i>Worn/Eroded, Extent : Severe, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
Exposed Struc: Steel	60%			LIFE	**	10	\$29,800		
<b>Site Pavements</b>									
<b>Public Sidewalk</b>									
Cast in Place Concrete	100%	Now	\$21,100	2046	**				
<i>Cracking/Crumbling, Extent : Light, Area Affected : 50%</i>									
<i>Location : Throughout</i>									
<b>On-Site Walkways</b>									
Cast in Place Concrete	100%			2046	**				
<b>Parking/Driveway</b>									
Cast in Place Concrete	100%			2046	**				

<b>Electrical</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Under 600 Volts</b>									
<b>Service Equipment</b>									
Fused Disc Sw	100%			2053	**	5	\$100		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Electrical Room</i>									
<i>Explanation : One 1,200 Ampere Main Disconnect Switch.</i>									

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

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

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Transformers								
Dry Type	50%			2046	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 150 Kilovolt Amperes 480/208 Volt And One 112 Kilovolt Amperes 240/120 Volt</i>								
Dry Type	50%			2038	**	5		
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	\$31,800	5	\$100	
Raceway								
Conduit	100%			2033	\$4,300	1		
Panelboards								
Fused Disc Sw	20%			2032	\$1,900	5	\$100	
Molded Case Bkrs	80%			2032	\$7,800	5	\$400	
Wiring								
Thermoplastic	100%			2033	\$8,800	1		
Motor Controllers								
Locally Mounted	80%			2031	\$17,900	5	\$100	
Locally Mounted	20%			2038	**	5		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$500	
Lighting								
Interior Lighting								
Fluorescent	60%			2028	\$72,300	10	\$9,600	
<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 60%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2028	\$6,000	10	\$800	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 5%</i>								
<i>Location : First Floor</i>								
HID	25%			2028	\$50,300	10	\$100	
LED	10%			2041	**			
Egress Lighting								
Emergency, Battery	50%			2028	\$14,300	10	\$2,100	
Exit, Battery	50%			2033	\$9,800	10	\$600	
Exterior Lighting								
HID	20%			2028	\$15,900	10		
No Component	80%							
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**  
**BRIDGES IRON SHOP**  
**Asset # : 14714**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Alarm</b>								
Security System								
Generic	50%			2033	\$16,000	1	\$3,300	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : At Doors</i>								
<i>Explanation : Intrusion Alarm System</i>								
Generic	50%			2033	\$16,000	1	\$3,300	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : At Doors</i>								
<i>Explanation : CCTV Cameras</i>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2033	\$43,900	1-3	\$11,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Manual Pull Stations, Horns, Strobes And Smoke Detectors</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2043	**	1		
<b>Conversion Equipment</b>								
Furnace	20%			2041	**	1	\$1,700	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 1 Rooftop Package Unit</i>								
Furnace	15%	0-2	\$800	2033	\$7,900	1	\$1,200	
<i>Not in Service, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Ceiling</i>								
Furnace	25%			2033	\$13,200	1	\$2,200	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : 1st Floor Ceiling</i>								
<i>Explanation : 5 Modine Heaters</i>								
Radiant Heater	40%			2033	\$177,000	2	\$3,200	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : 1st Floor Ceiling</i>								
<i>Explanation : 3 Units</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2041	**	1		

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

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

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

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

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Air Conditioning								
Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	20%			2041	**	2	\$200
<i>R-410a Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1 Unit, Roof</i>								
	Split Unit	10%			2038	**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 3 Units</i>								
	No Component	70%						
Terminal Devices								
	Fan Coil - 2 Pipe	10%			2038	**	1	\$600
	No Component	90%						
Heat Rejection								
	Air Cooled Condenser Unit	10%			2038	**	2	\$1,200
	No Component	90%						
Ventilation								
Distribution								
	Ductwork/Diffusers	40%			LIFE	**	2-5	\$6,100
	No Component	60%						
Exhaust Fans								
	Roof	40%			2038	**	2	\$200
	Wall Unit	60%			2038	**	2	\$300
Plumbing								
H/C Water Piping								
	Brass/Copper	100%			2043	**	1	
Water Heater With Tanks								
	Gas Fired	100%			2028	\$16,700	2	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : 1 Tankless Unit With One 200 Gallon Tank</i>								
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1	
Backflow Preventer								
	Generic	100%			2033	\$7,600	1	\$1,100
Fixtures								
	Generic	100%						
Fire Suppression								
Standpipe								
	Generic	100%			2043	**	1-5	\$8,800
Sprinkler								
	Generic	100%			2043	**	1-2	\$4,900

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : BRIDGES PAINT UNIT GENERAL STORAGE BUILDING  
**Address** : 424 WYTHE AVENUE REAR OF PARKING LOT  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0348.100 / 15376 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,627 **Project Type** : HIGHWAYS  
**Date of Survey** : 02-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 2454 **Lot** : 1 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$13,200		\$20,100	
Interior Architecture	\$65,100			
Electrical	\$300	\$200	\$300	\$200
Mechanical	\$200	\$200	\$200	\$200
Site Enclosure	\$300			
<b>Total</b>	<b>\$79,100</b>	<b>\$400</b>	<b>\$20,500</b>	<b>\$400</b>
Importance Code A	\$13,400	\$200	\$20,300	\$200
Importance Code B	\$22,300	\$200	\$300	\$200
Importance Code C	\$43,400			
<b>Total</b>	<b>\$79,100</b>	<b>\$400</b>	<b>\$20,500</b>	<b>\$400</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BRIDGES PAINT UNIT GENERAL STORAGE BUILDING**

**Asset # : 15376**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Concrete Masonry Unit	70%			LIFE	**	5	\$16,100	
<i>Staining/Discoloring, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal/Glass Curt Wall	15%			LIFE	**	5	\$10,400	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Material Is Channel Glass</i>								
Metal Panel	5%			2053	**	5-10	\$6,300	
Metal Sect. OHD	10%			2046	**	5	\$5,800	
<b>Windows</b>								
Metal Louvers	100%			2042	**	10	\$23,900	
<b>Parapets</b>								
Metal Rail	50%			2046	**	5-10	\$28,300	
Weathering Steel	20%			LIFE	**	1		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Parapet</i>								
<i>Explanation : Material Is Structural Steel</i>								
Not Accessible	30%							
<b>Roof</b>								
Skylight, Plastic	10%			2046	**	1		
Not Accessible	90%							
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	100%			LIFE	**	5	\$23,800	
<b>Interior Walls</b>								
Wood	100%			LIFE	**	5	\$86,000	
<b>Ceilings</b>								
Exposed Struc: Steel	100%			LIFE	**	10	\$10,200	
<b>Site Enclosure</b>								
<b>Free Standing Walls</b>								
Cast in Place Concrete	100%	Now	\$300	2068	**			
<i>Impact Damage, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Front Entry Ramp</i>								
<b>Site Pavements</b>								
<b>On-Site Walkways</b>								
Asphalt	100%			2042	**			
<b>Parking/Driveway</b>								
Asphalt	100%			2042	**			

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

Under 600 Volts

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**  
**BRIDGES PAINT UNIT GENERAL STORAGE BUILDING**

**Asset # : 15376**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment Fused Disc Sw	100%			2053	**	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At The Entrance Of The Building</i>								
<i>Explanation : Main Service Switch Rating 400 Amperes</i>								
Raceway Conduit	100%			2053	**	1		
Panelboards Molded Case Bkrs	100%			2049	**	5	\$100	
Wiring Thermoplastic	100%			2053	**	1		
Motor Controllers Locally Mounted	100%			2046	**	5		
<b>Lighting</b>								
Interior Lighting LED	100%			2038	**			
Egress Lighting Emergency, Service Exit, LED	50%			2038	**	1		
	50%			2061	**	1		
Exterior Lighting LED No Component	20%			2038	**			
	80%							
<b>Alarm</b>								
Fire/Smoke Detection Generic, Digital	100%			2038	**	1-3	\$2,200	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Electricity	100%			2059	**	1		
Conversion Equipment Furnace	100%			2041	**	1	\$1,800	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Ceiling</i>								
<i>Explanation : 10 Units</i>								

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : BRIDGES PAINT UNIT WAREHOUSE OLD BUILDING  
**Address** : 424 WYTHE AVENUE CORNER OF SOUTH 6TH STREET  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0348.000 / 15361 **Yr Built/Renovated** : 1960 /  
**Area Sq Ft** : 10,072 **Project Type** : HIGHWAYS  
**Date of Survey** : 02-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,Att  
**Block** : 2454 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$104,300	
Interior Architecture		\$61,000
Electrical		\$59,700
Mechanical		\$243,900
<b>Total</b>	<b>\$104,300</b>	<b>\$364,600</b>
Importance Code A	\$104,300	
Importance Code B		\$364,600
<b>Total</b>	<b>\$104,300</b>	<b>\$364,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$36,100		\$900	
Interior Architecture	\$169,900			\$300
Electrical	\$10,800	\$900	\$1,100	\$1,100
Mechanical	\$3,200	\$1,300	\$1,400	\$1,300
<b>Total</b>	<b>\$220,000</b>	<b>\$2,300</b>	<b>\$3,400</b>	<b>\$2,700</b>
Importance Code A	\$37,100	\$1,000	\$1,900	\$1,000
Importance Code B	\$132,400	\$1,300	\$1,500	\$1,700
Importance Code C	\$50,500			
<b>Total</b>	<b>\$220,000</b>	<b>\$2,300</b>	<b>\$3,400</b>	<b>\$2,700</b>



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

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**DEPARTMENT OF TRANSPORTATION - 841**  
**BRIDGES PAINT UNIT WAREHOUSE OLD BUILDING**

**Asset # : 15361**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$5,900	
Concrete Masonry Unit	90%	0-2	\$27,800	LIFE	**	5	\$6,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Corners Of Building</i>								
<i>Painted Surfaces, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior Walls</i>								
Metal Coiling Doors	5%			2046	**	5	\$1,800	
Windows								
Wood	100%	Now	\$104,300	2058	**	5	\$13,300	1
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Roof								
Asphalt Shingle	100%	Now	\$5,300	2042	**			
<i>Miss/Damaged Flashings, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Gutter Above Overhead Door</i>								
Interior								
Floors								
Cast in Place Concrete	30%			LIFE	**	5	\$19,800	
Vinyl Tile	15%	Now	\$18,300	2033	\$61,000	3	\$800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Offices</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Offices</i>								
Wood	15%	Now	\$39,500	2048	**	5	\$2,100	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Offices</i>								
<i>Loose Units, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Offices</i>								
<i>Split/Cracked, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Offices</i>								
Wood	40%			2048	**	5	\$11,300	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Attic</i>								
<i>Explanation : Plywood Floor</i>								

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

Maintenance \$ are aggregated over a ten-year period. Site 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 PAINT UNIT WAREHOUSE OLD BUILDING**

**Asset # : 15361**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Concrete Masonry Unit	50%			LIFE	**	5	\$5,700	
Masonry: Brick	35%	4+	\$46,700	LIFE	**			
<i>Paint Peeling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Painted Surfaces, Extent : Light, Area Affected : 80%</i>								
<i>Location : Offices</i>								
Plaster	15%	2-4	\$1,000	LIFE	**	5	\$600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Offices</i>								
<b>Ceilings</b>								
Exposed Struc: Wood	60%			LIFE	**	10	\$12,400	
Gypsum Board	10%			LIFE	**	5-10	\$4,700	
Wood	30%			LIFE	**	5	\$72,500	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Iron Picket	100%			2068	**			
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%			2046	**			
<b>On-Site Walkways</b>								
Asphalt	80%			2042	**			
Cast in Place Concrete	20%			2046	**			
<b>Parking/Driveway</b>								
Asphalt	80%			2042	**			
Cast in Place Concrete	20%			2046	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2033	\$3,700	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
<i>Explanation : No Name Plate</i>								
<b>Raceway</b>								
Conduit	100%			2043	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2041	**	5	\$300	
<b>Wiring</b>								
Thermoplastic	100%			2043	**	1		

**Lighting**

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**DEPARTMENT OF TRANSPORTATION - 841**  
**BRIDGES PAINT UNIT WAREHOUSE OLD BUILDING**

**Asset # : 15361**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	5%			2028	\$3,500	10	\$500	
<i>T-12 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Boiler Room</i>								
LED	95%			2033	\$59,700			
<b>Egress Lighting</b>								
Emergency, Service	50%			2033	\$3,000	1		
Exit, Battery	50%			2033	\$5,700	10	\$300	
<b>Exterior Lighting</b>								
HID	20%	0-2	\$9,200	2043	**			
<i>Not in Service, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Exterior</i>								
No Component	80%							
<b>Alarm</b>								
<b>Security System</b>								
Generic	100%			2033	\$18,500	1	\$3,800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Intrusion System</i>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2033	\$25,400	1-3	\$6,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : 1st Floor Only</i>								
<i>Explanation : Only Smoke Detectors At 1st Floor Connected To Fire Alarm Panel At Bridges Paint Unit Warehouse</i>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	100%			2053	**	1		
<b>Conversion Equipment</b>								
Steam Boiler	100%			2046	**	1	\$10,000	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : 1st Floor Boiler Room</i>								
<i>Explanation : 1 Unit</i>								
<b>Distribution</b>								
Steam Piping/Pump	100%	0-2	\$1,600	2053	**			
<i>Insul. Deteriorating, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Boiler Room And Attic</i>								
<b>Terminal Devices</b>								
Fan Coil Unit/Heat	100%			2033	\$243,900	1	\$3,300	
<b>Air Conditioning</b>								
<b>Energy Source</b>								
Electricity	100%			2041	**	1		

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841  
BRIDGES PAINT UNIT WAREHOUSE OLD BUILDING**

**Asset # : 15361**

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	20%			2031	\$7,500	1		
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	10%			LIFE	**	2-5	\$900	
No Component	90%							
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2043	**	1		
Water Heater With Tanks								
Gas Fired	100%			2031	\$16,700	2		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Boiler Room</i>					
			<i>Explanation : One 50 Gallon Unit</i>					
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic								
	100%		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Aged Equipment</i>					

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 05-May-2022 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3  
**Block** : 4074 **Lot** : 1 **BIN** : 2044091

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture		\$91,000
Interior Architecture	\$134,500	\$598,200
Electrical		\$314,600
Mechanical	\$355,700	\$351,200
<b>Total</b>	<b>\$490,200</b>	<b>\$1,355,000</b>
Importance Code A		\$91,000
Importance Code B	\$355,700	\$1,264,000
Importance Code C	\$134,500	
<b>Total</b>	<b>\$490,200</b>	<b>\$1,355,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$161,000			\$7,700
Interior Architecture	\$90,500		\$6,700	\$5,700
Electrical	\$32,500			\$300
Mechanical	\$29,300	\$2,400	\$14,000	\$2,400
Site Enclosure	\$3,100			
Site Pavements	\$35,000			
<b>Total</b>	<b>\$351,400</b>	<b>\$2,400</b>	<b>\$20,600</b>	<b>\$16,100</b>
Importance Code A	\$162,500	\$1,500	\$1,500	\$9,200
Importance Code B	\$118,100	\$1,000	\$19,200	\$5,100
Importance Code C	\$70,800			\$1,800
<b>Total</b>	<b>\$351,400</b>	<b>\$2,400</b>	<b>\$20,600</b>	<b>\$16,100</b>



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

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
Exterior Walls								
Masonry: Brick	88%			LIFE	**	5	\$80,500	
Masonry: Limestone	5%			LIFE	**	5	\$3,400	
Metal, Corrugated	2%			2043	**	1		
Granite Panels	5%			LIFE	**	5	\$3,400	
Windows								
Aluminum	70%			2058	**	5	\$5,800	
<i>Recent Installation, Extent : N/A, Area Affected : 70%</i>								
<i>Location : 2nd And 3rd Floor</i>								
Steel	15%			2032	\$91,000	5	\$15,500	
Wood	15%	Now	\$48,600	2058	**	5	\$6,200	
<i>Air Infiltration, Extent : Severe, Area Affected : 40%</i>								
<i>Location : 1st Floor</i>								
<i>Ctrwt/Balnc Not Funct, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	60%			LIFE	**	5-10	\$35,800	
Masonry: Limestone	40%			LIFE	**	5-10	\$42,600	
Roof								
Modified Bitumen	100%			2041	**	10	\$25,400	
<b>Interior</b>								
Floors								
Carpet	30%			2032	\$229,800	3	\$20,000	
Cast in Place Concrete	5%			LIFE	**	5	\$9,700	
Ceramic Tile	5%			2042	**	5	\$2,200	
Marble Panels	5%			LIFE	**	5	\$3,300	
Terrazzo	5%			LIFE	**	5	\$3,500	
Vinyl Tile	50%			2033	\$598,200	3	\$11,100	
Interior Walls								
Ceramic Tile	5%			2042	**	5	\$3,600	
Concrete Masonry Unit	5%			LIFE	**	5	\$2,900	
Gypsum Board	60%	Now	\$11,900	LIFE	**	5	\$26,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Basement By Water Utility Entrance</i>								
Masonry: Brick	10%	Now	\$134,500	LIFE	**			
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Marble Panels	5%			LIFE	**	10	\$1,400	
Plaster	15%	Now	\$25,800	LIFE	**	5	\$3,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Stair Bulkhead</i>								

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

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

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

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	80%	Now	\$27,300	2046	**	5	\$16,800	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Basement</i>								
Exposed Struc: Concrete	5%			LIFE	**	5-10	\$2,600	
Plaster	15%	Now	\$9,400	LIFE	**	5	\$3,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stair Bulkhead At Roof</i>								
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	55%			2043	**			
Iron Picket	10%			2053	**			
Masonry: Fieldstone	35%	Now	\$3,100	2043	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Rear Parking Area</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Rear Parking Area</i>								
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%	Now	\$7,800	2038	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Sidewalk Next To Parking Entry</i>								
<i>Sinking/Subsiding, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Sidewalk Next To Parking Entry</i>								
<b>On-Site Walkways</b>								
Cast in Place Concrete	90%			2038	**			
Pavers/Stone	10%			2036	**			
<b>Parking/Driveway</b>								
Cast in Place Concrete	100%	Now	\$27,200	2038	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Parking Area</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Parking Area</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2033	\$158,800	5	\$800	
<b>Raceway</b>								
Conduit	90%			2033	\$60,800	1		
Conduit	10%			2053	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	75%			2032	\$58,500	5	\$600	
Molded Case Bkrs	25%			2049	**	5	\$200	

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Wiring								
Braided Cloth	30%	2-4	\$27,400	2058	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	40%			2033	\$36,500	1		
Thermoplastic	30%			2053	**	1		
Motor Controllers								
Under Construction	100%							
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$900	
Lighting								
Interior Lighting								
Fluorescent	50%			2043	**	10	\$13,600	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Second Floor</i>								
Under Construction	50%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : First Floor And Basement</i>								
<i>Explanation : Under Construction</i>								
Egress Lighting								
Emergency, Battery	50%			2028	\$24,300	10	\$3,600	
Exit, Battery	50%			2028	\$20,500	10	\$1,000	
Exterior Lighting								
HID	10%			2028	\$13,500	10		
Incandescent	5%			2028	\$7,800	2		
No Component	85%							
Alarm								
Fire/Smoke Detection								
Under Construction	100%							

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Heating								
Energy Source								
Natural Gas	100%			2053	**	1		
Conversion Equipment								
Hot Water Boiler	100%			2038	**	1	\$14,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement Boiler Room</i>								
<i>Explanation : 2 Units</i>								
Distribution								
Hot Wtr Piping/Pump	100%			2032	\$63,300	4	\$2,200	
Terminal Devices								
Convactor/Radiator	100%			2031	\$236,600	1	\$9,600	

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Air Conditioning</b>								
<b>Energy Source</b>								
	Electricity	100%			2041	**	1	
<b>Conversion Equipment</b>								
	Interior Pkg Unit - Cooling	50%	Now	\$228,800	2038	**	2	\$700
		<i>Broken, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : 1st Floor Mechanical Room</i>						
	Exterior Pkg Unit - Cooling	40%	Now	\$126,900	2043	**	2	\$600
		<i>Broken, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Roof Above Stairs</i>						
		<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Roof Above Staircase</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Roof Above Staircase</i>						
		<i>Explanation : On Extended Life</i>						
	Split Unit	5%			2028	\$34,400		
	Window/Wall Unit	5%			2028	\$5,500	1	
<b>Distribution</b>								
	Ductwork/Diffusers	100%			LIFE	**	2	\$48,200
<b>Heat Rejection</b>								
	Air Cooled Condenser Unit	15%	0-2	\$12,600	2043	**	2	\$2,500
		<i>Abandoned in Place, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Roof</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 15%</i>						
		<i>Location : Roof Above Stairs</i>						
		<i>Explanation : Obsolete Unit</i>						
	No Component	85%						
<b>Ventilation</b>								
<b>Distribution</b>								
	Ductwork/Diffusers	40%			LIFE	**	2-5	\$10,500
	No Component	60%						
<b>Exhaust Fans</b>								
	Interior	40%			2028	\$51,300	2	\$400
	No Component	60%						
<b>Plumbing</b>								
<b>H/C Water Piping</b>								
	Brass/Copper	100%			2043	**	1	
<b>Water Heater With Tanks</b>								
	Gas Fired	100%			2028	\$16,700	2	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Basement</i>						
		<i>Explanation : 75 Gallons</i>						
<b>Sanitary Piping</b>								
	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**  
**BRONX COMMISSIONER OFFICE**  
**Asset # : 14713**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>	<b>Priority</b>
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>		
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$831,300	\$412,400
Interior Architecture	\$72,700	\$176,100
Mechanical	\$100,400	\$1,038,700
<b>Total</b>	<b>\$1,004,500</b>	<b>\$1,627,300</b>
Importance Code A	\$831,300	\$486,500
Importance Code B	\$173,100	\$1,140,800
<b>Total</b>	<b>\$1,004,500</b>	<b>\$1,627,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$64,700			
Interior Architecture	\$68,800	\$300		\$1,500
Electrical	\$4,500	\$100	\$100	\$45,100
Mechanical	\$28,000	\$3,400	\$2,900	\$19,800
Site Enclosure	\$6,000			
<b>Total</b>	<b>\$172,100</b>	<b>\$3,800</b>	<b>\$3,000</b>	<b>\$66,300</b>
Importance Code A	\$80,000	\$1,600	\$1,600	\$1,600
Importance Code B	\$46,600	\$2,200	\$1,400	\$64,700
Importance Code C	\$45,500			
<b>Total</b>	<b>\$172,100</b>	<b>\$3,800</b>	<b>\$3,000</b>	<b>\$66,300</b>



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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cement - Fiber Panel	76%	Now	\$41,200	2029	\$412,400			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
Cement - Fiber Panel	4%			2039	**	10	\$3,800	
Metal Sect. OHD	20%	Now	\$21,700	2042	**	5	\$9,500	
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Unit Inoperable, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : South West Door</i>								
<b>Windows</b>								
Aluminum	100%			2054	**	5	\$500	
<b>Parapets</b>								
Cast Stone/Terra Cotta	10%	0-2	\$1,500	LIFE	**	5	\$3,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	90%			LIFE	**	5	\$3,900	
<b>Roof</b>								
Single Ply Membrane	100%	Now	\$831,300	2039	**			
<i>Blisters, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Drains Clogged, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Gravel/Stone Ballast, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Mechanically Attached, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Miss/Damaged Flashings, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Seams Open/Split, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Lower Roof</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	90%	0-2	\$72,700	LIFE	**	5	\$95,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	3%			2032	\$80,400	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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%			2038	**	5	\$1,200	
Concrete Masonry Unit	75%	Now	\$32,400	LIFE	**	5	\$7,000	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	15%	Now	\$13,100	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Plaster	5%			LIFE	**	5	\$400	
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$2,000	2042	**	5	\$1,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Concrete	15%	Now	\$21,400	LIFE	**	5	\$1,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout South Garage</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout South Garage</i>								
Exposed Struc: Steel	80%			LIFE	**			
Site Enclosure								
Fence/Gates								
Chain Link	100%			2049	**			
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Free Standing Walls								
Concrete Masonry Unit	100%			2049	**			
Retaining Walls								
Cast in Place Concrete	100%	Now	\$6,000	2049	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2042	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								

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

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

## Site Pavements

## Parking/Driveway

Asphalt	80%			2032				
Cast in Place Concrete	20%			2042	**			

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2029	\$3,700	5	\$100	
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*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	\$15,900	5	\$100	
Molded Case Bkrs	50%			2029	\$15,900	5	\$400	

## Raceway

Conduit	100%			2039	**	1		
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## Panelboards

Fused Disc Sw	5%			2028	\$1,000	5		
Molded Case Bkrs	85%			2028	\$16,600	5	\$700	
Molded Case Bkrs	10%			2051	**	5	\$100	

## Wiring

Thermoplastic	95%			2029	\$8,400	1		
Thermoplastic	5%			2055	**	1		

## Motor Controllers

Locally Mounted	100%			2027	\$44,900	5	\$200	
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## Ground

## Grounding Devices

Generic	100%			LIFE	**	5	\$500	
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## Lighting

## Interior Lighting

LED	100%			2039	**			
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## Egress Lighting

Emergency, Battery	50%			2039	**	10	\$3,900	
Exit, LED	50%			2069	**	1		

## Exterior Lighting

LED	100%			2039	**			
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## Alarm

## Fire/Smoke Detection

No Component	95%							
Generic, Analog	5%			2024	\$4,100	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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**DEPARTMENT OF TRANSPORTATION - 841**  
**CASTLETON DEPOT**  
**Asset # : 14718**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2039	**	1		
Conversion Equipment								
Furnace	75%	0-2	\$14,800	2029	\$74,100	1	\$10,800	
<i>Malfunctioning, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Two Out Of Twelve Units Not Working On The First Floor</i>								
Hot Water Boiler	25%			2034	**	1	\$4,000	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Room 203</i>								
<i>Explanation : 1 Unit</i>								
Distribution								
Hot Wtr Piping/Pump	25%			2037	**	4	\$600	
No Component	75%							
Terminal Devices								
Fan Coil Unit/Heat	15%			2029	\$118,000	1	\$1,600	
Unit Heater - Steam	10%			2029	\$18,000	4	\$400	
No Component	75%							
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2037	**	1		
Conversion Equipment								
Interior Pkg Unit - Cooling	20%			2027	\$100,400	2	\$400	
<i>R-22 Refrigerant, Extent : Light, Area Affected : 20%</i>								
<i>Location : Room 202</i>								
Window/Wall Unit	10%			2024	\$12,000	1		
No Component	70%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	20%			LIFE	**	2-5	\$3,600	
No Component	80%							
Exhaust Fans								
Interior	20%			2029	\$28,200	2	\$200	
No Component	80%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2029	\$407,700	1		
Water Heater With Tanks								
Gas Fired	100%			2027	\$16,700	2		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
Generic	100%							
<b>Fire Suppression</b>								

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Fire Suppression	Sprinkler							
	Generic	100%			2029	\$439,000	1-2	\$9,100

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : COURT SQUARE-GARAGE  
**Address** : COURT SQUARE AND THOMSON AVE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0123.000 / 2422 **Yr Built/Renovated** : 1989 /  
**Area Sq Ft** : 241,855 **Project Type** : HIGHWAYS  
**Date of Survey** : 11-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3,4  
**Block** : 83 **Lot** : 18 **BIN** : 4000699

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$486,700	\$441,900
Interior Architecture	\$1,950,600	\$891,400
Electrical		\$1,352,400
Mechanical		\$1,925,400
<b>Total</b>	<b>\$2,437,200</b>	<b>\$4,611,100</b>
Importance Code A	\$486,700	\$626,400
Importance Code B	\$1,674,100	\$3,984,700
Importance Code C	\$276,500	
<b>Total</b>	<b>\$2,437,200</b>	<b>\$4,611,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$107,000		\$12,900	
Interior Architecture	\$117,700		\$1,700	\$800
Electrical	\$5,700	\$1,800	\$2,600	\$5,000
Mechanical	\$21,600	\$7,300	\$6,500	\$11,800
Site Enclosure	\$42,800			
Site Pavements	\$54,200			
Elevators/Escalators	\$7,900	\$7,900	\$7,900	\$7,900
<b>Total</b>	<b>\$356,800</b>	<b>\$17,000</b>	<b>\$31,600</b>	<b>\$25,500</b>
Importance Code A	\$107,000	\$700	\$12,900	\$700
Importance Code B	\$109,900	\$16,300	\$18,700	\$24,800
Importance Code C	\$140,000			
<b>Total</b>	<b>\$356,800</b>	<b>\$17,000</b>	<b>\$31,600</b>	<b>\$25,500</b>



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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	45%	2-4	\$309,900	LIFE	**	5	\$265,200	
<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout Horizontal Bands And Southwest, South East Towers</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southwest Facade</i>								
Cast in Place Concrete	30%			LIFE	**	5	\$353,500	
Concrete Masonry Unit	2%	Now	\$6,200	LIFE	**	5	\$1,500	
<i>Diagonal Cracks, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Stair Roof Bulkheads</i>								
Masonry: Brick	15%	Now	\$28,400	LIFE	**	5	\$17,700	
<i>Diagonal Cracks, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Southeast Corner By Stair Exit Door</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Southeast Tower</i>								
Metal Sect. OHD	1%	Now	\$41,800	2053	**	5	\$1,800	
<i>Unit Inoperable, Extent : Severe, Area Affected : 90%</i>								
<i>Location : Both Garage Entrances</i>								
Metal: Cage/Fence	5%			2046	**	5	\$25,800	
Window Wall	2%			2043	**	5	\$8,800	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At Stair Bulkhead On Roof</i>								
<i>Explanation : Glass Wall</i>								
Windows								
Aluminum	100%			2049	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof Level</i>								
<i>Explanation : Stair Tower Windows</i>								
Parapets								
Cast in Place Concrete	95%	Now	\$8,600	LIFE	**	5	\$20,300	
<i>Diagonal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Rail	5%	Now	\$4,100	2046	**	5	\$700	
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Rail Supports</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Metal Cable Rails At Roof</i>								

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Roof								
Cast in Place Concrete	90%	Now	\$14,300	LIFE		**		
<i>Expansion Joint Failure, Extent : Severe, Area Affected : 5%</i>								
<i>Location : All Stair Locations, Building Corners</i>								
Copper/Terne	5%			2061		**	\$500	
Single Ply Membrane	5%	0-2	\$3,600	2033	\$3,600			1
<i>Miss/Damaged Flashings, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Step Flashing At Stair Bulkheads And Membrane</i>								
<i>Ponding, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Stair Bulkheads</i>								
Interior								
Floors								
Cast in Place Concrete	97%	0-2	\$1,349,400	LIFE		**	\$710,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : West Car Entry Area</i>								
<i>Ponding, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Southeast Corner Of Third, Second And 1st Levels</i>								
Ceramic Tile	1%			2036		**	\$3,400	
Vinyl Tile	2%	0-2	\$36,100	2028	\$180,700		\$2,500	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office</i>								
Interior Walls								
Cast in Place Concrete	18%			LIFE		**	\$49,600	
Ceramic Tile	2%	Now	\$118,500	2048		**	\$1,100	
<i>Adhesion Failure, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Bathrooms</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Bathrooms</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Bathrooms</i>								
Concrete Masonry Unit	78%	Now	\$158,000	LIFE		**	\$34,400	
<i>Water Penetration, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Southeast Stair To Basement Level.</i>								
Gypsum Board	2%			LIFE		**	\$3,800	
Ceilings								
AcousTileSusp.Lay-In	2%	4+	\$29,500	2038		**	\$3,000	
<i>Worn/Eroded, Extent : Light, Area Affected : 100%</i>								
<i>Location : Managers Office</i>								
Exposed Struc: Concrete	98%			LIFE		**	\$371,100	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053		**		

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Site Enclosure</b>								
Free Standing Walls								
Cast in Place Concrete	5%	0-2	\$10,900	2053		**		
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Missing Deteriorated Joints At Cast Stone Copings</i>							
Masonry: Brick	83%	Now	\$32,000	2043		**		
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Northeast Corner</i>							
	<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 70%</i>							
	<i>Location : Throughout</i>							
	<i>Spalling, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
Masonry: Brick	12%			2063		**		
<b>Site Pavements</b>								
Public Sidewalk								
Cast in Place Concrete	100%	Now	\$9,100	2038		**		
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : West Side Of Building</i>							
On-Site Walkways								
Cast in Place Concrete	100%	Now	\$45,100	2046		**		
	<i>Misaligned/Bulging, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Southeast Base Landing Connecting To Sidewalk</i>							
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Service Equipment								
Fused Disc Sw	100%			2033	\$44,200	5	\$1,000	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Electrical Room</i>							
	<i>Explanation : One 1,200 Ampere Main Disconnect Switch</i>							
Switchgear / Switchboard								
Fused Disc Sw	100%			2033	\$254,000	5	\$1,000	
Raceway								
Conduit	100%			2033	\$51,900	1		
Panelboards								
Fused Disc Sw	5%			2032	\$7,800	5	\$300	
Molded Case Bkrs	95%			2032	\$148,100	5	\$6,000	
Wiring								
Thermoplastic	100%			2033	\$106,700	1		
Motor Controllers								
Locally Mounted	100%			2031	\$448,700	5	\$1,600	
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE		**	5	\$7,100

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Lighting</b>								
Interior Lighting								
HID	2%			2028	\$55,900	10	\$200	
LED	98%			2041	**			
Egress Lighting								
Exit, LED	30%			2068	**	1		
Exit, Service	70%			2041	**	1		
Exterior Lighting								
HID	18%			2028	\$198,400	10	\$100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At The Roof</i>								
<i>Explanation : Lighting Pools</i>								
LED	2%			2041	**			
No Component	80%							
<b>Alarm</b>								
Security System								
No Component	80%							
Generic	20%			2028	\$88,700	1	\$18,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Exterior And Interior</i>								
<i>Explanation : Cameras Security System</i>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Radiant Heater	3%			2033	\$184,400	2	\$3,400	
<i>Other Observation, Extent : Light, Area Affected : 3%</i>								
<i>Location : 1st Level</i>								
<i>Explanation : Management Office And Sprinkler Room Only</i>								
No Component	97%							
Terminal Devices								
Fan Coil Unit/Heat	3%			2033	\$5,300	1	\$2,300	
No Component	97%							
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2041	**	1		
Conversion Equipment								
Window/Wall Unit	2%			2028	\$17,900	1		
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : 1st Level</i>								
<i>Explanation : Management Office Only</i>								
No Component	98%							
<b>Ventilation</b>								

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

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

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

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Ventilation									
Distribution									
	Ductwork/Diffusers	2%			LIFE	* *	2-5	\$4,300	
	No Component	98%							
Exhaust Fans									
	Interior	2%			2033	\$21,000	2	\$200	
	No Component	98%							
Plumbing									
H/C Water Piping									
	Brass/Copper	3%			2043	* *	1		
	No Component	97%							
Water Heater With Tanks									
	Electric	2%			2026	\$500	4		
	No Component	98%							
Sanitary Piping									
	Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping									
	Cast Iron	100%			LIFE	* *	1		
Sump Pump(s)									
	Submersible	100%			2024	\$7,300	4	\$7,700	
Fixtures									
	Generic	100%							
Vertical Transport									
Elevators									
	Hydraulic	100%			LIFE	* *			
Fire Suppression									
Standpipe									
	Generic	100%			2033	\$1,087,600	1-5	\$126,500	
Sprinkler									
	No Component	80%							
	Generic	20%			2033	\$653,300	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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 21-Sep-2021 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2,3,4,5,6  
**Block** : 410 **Lot** : 38 **BIN** : 1005326

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$53,800	\$160,800
Interior Architecture	\$569,200	\$586,300
Electrical		\$1,535,000
Mechanical		\$140,700
<b>Total</b>	<b>\$623,100</b>	<b>\$2,422,800</b>
Importance Code A	\$53,800	\$256,000
Importance Code B	\$569,200	\$2,166,800
<b>Total</b>	<b>\$623,100</b>	<b>\$2,422,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$51,800	\$32,900	\$5,300	
Interior Architecture	\$39,900		\$1,800	\$400
Electrical	\$32,300	\$12,100	\$15,000	\$13,900
Mechanical	\$7,900			
Elevators/Escalators	\$11,800	\$11,800	\$11,800	\$11,800
<b>Total</b>	<b>\$143,700</b>	<b>\$56,900</b>	<b>\$33,900</b>	<b>\$26,100</b>
Importance Code A	\$51,800	\$32,900	\$5,300	
Importance Code B	\$52,500	\$24,000	\$28,600	\$26,100
Importance Code C	\$39,500			
<b>Total</b>	<b>\$143,700</b>	<b>\$56,900</b>	<b>\$33,900</b>	<b>\$26,100</b>



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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	10%			LIFE	**	5	\$50,200	
Masonry: Brick	15%			LIFE	**	5	\$15,100	
<i>Painted Surfaces, Extent : Light, Area Affected : 100%</i>								
<i>Location : Facades</i>								
Metal Panel	3%			2053	**	5-10	\$10,400	
Metal Coiling Doors	5%			2046	**	5	\$7,800	
Metal: Cage/Fence	30%			2050	**	5	\$65,900	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : East And West Elevations</i>								
<i>Explanation : This Is Actually A Steel Cable Screen System</i>								
Pre-Cast Concrete	33%			LIFE	**	5	\$107,700	
Window Wall	4%			2053	**	5	\$7,500	
Windows								
Aluminum	8%			2049	**	5	\$200	
Metal Louvers	2%			2042	**	10	\$400	
No Component	90%							
Parapets								
Cast in Place Concrete	20%			LIFE	**	5	\$12,400	
Masonry: Brick	5%			LIFE	**	5-10	\$1,000	
Metal Panel	2%			2053	**	5	\$200	
Metal: Cage/Fence	10%			2046	**	5-10	\$2,300	
Pre-Cast Concrete	63%			LIFE	**	5	\$23,900	
Roof								
Traffic Topping	100%			2038	**	10	\$106,900	
Soffits								
Stucco Cement	100%			2046	**	5		
Interior								
Floors								
Cast in Place Concrete	98%			LIFE	**	5	\$759,000	
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Floors And Ramps</i>								
<i>Explanation : Covered With Light Epoxy Traffic Coating</i>								
Vinyl Tile	2%			2028		3	\$1,800	
Interior Walls								
Cast in Place Concrete	92%			LIFE	**	10	\$39,000	
Concrete Masonry Unit	5%			LIFE	**	5	\$700	
Masonry: Brick	3%			LIFE	**	10	\$200	
Ceilings								
AcousTile,Adhered	2%			2031		5	\$3,500	
Exposed Struc: Concrete	98%			LIFE	**	5-10	\$216,900	
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	**			
Parking/Driveway								
Cast in Place Concrete	100%			2046	**			

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
Service Equipment								
Molded Case Bkrs	100%			2033	\$95,300	5	\$3,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Electrical Room</i>						
		<i>Explanation : One 1,000 Ampere Main Disconnect Switch</i>						
Switchgear / Switchboard								
Molded Case Bkrs	100%			2033	\$95,300	5	\$3,400	
Raceway								
Conduit	100%			2033	\$17,300	1		
Panelboards								
Molded Case Bkrs	100%			2032	\$58,500	5	\$3,400	
Wiring								
Thermoplastic	100%			2033	\$35,300	1		
Motor Controllers								
Locally Mounted	100%			2031	\$145,800	5	\$900	
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$3,800	
<b>Lighting</b>								
Interior Lighting								
LED	100%			2033	\$738,200			
Egress Lighting								
Emergency, Battery	50%			2028	\$96,900	10	\$14,300	
Exit, Battery	50%			2028	\$66,700	10	\$4,000	
Exterior Lighting								
LED	20%			2041	**			
No Component	80%							
<b>Alarm</b>								
Security System								
Generic	50%			2028	\$119,200	1	\$24,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Front And Back Of The Building</i>						
		<i>Explanation : CCTV Surveillance Cameras Are Functional</i>						
Generic	50%			2028	\$119,200	1	\$24,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Intrusion System</i>						
Fire/Smoke Detection								
Generic, Digital	100%			2041	**	1-3	\$80,100	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Manual Pull Station, Strobe Lights And Smoke Detectors</i>						

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

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Heating</b>								
Energy Source								
Electricity	100%			2043	**	1		
Conversion Equipment								
Radiant Heater	3%			2033	\$900	2		
		<i>Other Observation, Extent : Light, Area Affected : 3%</i>						
		<i>Location : Office On 1st Level</i>						
		<i>Explanation : 1 Unit. Only The Office Has This Heating Device</i>						
No Component	97%							
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2041	**	1		
Conversion Equipment								
Window/Wall Unit	3%			2028	\$13,100	1		
		<i>Other Observation, Extent : Light, Area Affected : 3%</i>						
		<i>Location : Management Office</i>						
		<i>Explanation : 1 Unit</i>						
No Component	97%							
<b>Ventilation</b>								
Distribution								
No Component	5%							
No Component	95%							
Exhaust Fans								
No Component	5%							
No Component	95%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	5%			2033	\$74,200	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%			2024	\$3,900	4	\$4,100	
Sewage Ejector(s)								
Electric	100%			2028	\$66,500	4	\$7,800	
Fixtures								
Generic	100%							
<b>Vertical Transport</b>								
Elevators								
Geared Traction	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Parking Levels 1 Through 6</i>						
		<i>Explanation : 2 Units. 1 New, 1 Abandoned</i>						

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 11-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 24 **Lot** : 7 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$1,041,500	
Interior Architecture	\$1,830,700	\$59,200
Electrical		\$105,200
Site Enclosure	\$405,300	
Site Pavements	\$163,900	
<b>Total</b>	<b>\$3,441,300</b>	<b>\$164,400</b>
Importance Code A	\$1,041,500	
Importance Code B	\$1,035,800	\$164,400
Importance Code C	\$1,364,000	
<b>Total</b>	<b>\$3,441,300</b>	<b>\$164,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$58,600			
Interior Architecture	\$10,700		\$1,100	\$200
Electrical	\$14,500	\$100	\$200	\$300
Mechanical	\$1,500	\$400	\$600	\$1,000
<b>Total</b>	<b>\$85,400</b>	<b>\$500</b>	<b>\$1,900</b>	<b>\$1,400</b>
Importance Code A	\$58,700	\$100	\$200	\$100
Importance Code B	\$24,000	\$400	\$1,800	\$1,300
Importance Code C	\$2,600			
<b>Total</b>	<b>\$85,400</b>	<b>\$500</b>	<b>\$1,900</b>	<b>\$1,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**DOT EMERGENCY RESPONSE UNIT**  
**Asset # : 14716**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	60%	Now	\$487,900	LIFE	**	5	\$15,200	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : At Rear Walls</i>								
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 5%</i>								
<i>Location : At North Garages</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Between Garage Doors</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	40%	Now	\$421,800	2046	**	5	\$15,800	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Garage Doors</i>								
<i>Explanation : Garage Doors Completely Missing</i>								
Windows								
Steel	95%	Now	\$42,800	2058	**	5	\$3,600	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Viny	5%			2046	**	5		
Parapets								
Cast Stone/Terra Cotta	10%	Now	\$15,800	LIFE	**	5	\$2,300	1
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	90%	Now	\$131,800	LIFE	**	5	\$2,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Roof								
No Component	5%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Sand And Gravel Storage</i>								
<i>Explanation : Roof Not Replaced After It Was Removed Due To Structural Damage</i>								
Not Accessible	95%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Entire Roof</i>								
<i>Explanation : Although Not Accessible, Roof Is Assumed To Be In Poor Condition</i>								
Interior								

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

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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Cast in Place Concrete	90%	Now	\$674,600	LIFE	**	5	\$59,200	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Quarry Tile	5%			2046	**	5	\$2,300	
Vinyl Tile	5%	2-4	\$2,000	2033	\$40,600	3	\$600	
<i>Uneven Substrate, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Computer Room</i>								
Interior Walls								
Gypsum Board	10%			LIFE	**	5-10	\$4,000	
Masonry: Brick	90%	Now	\$794,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	5%	Now	\$1,200	2046	**	5	\$800	
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Entry To Break Room</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Breakroom Foyer</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Break Room</i>								
<i>Explanation : Break Room</i>								
AcousTileSusp.Lay-In	5%	Now	\$4,900	2046	**	5	\$800	
<i>Loose/Miss Fasteners, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Office, Office Lounge And Bathroom</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Offices And Office Lounge Area</i>								
Exposed Struc: Wood	90%	2-4	\$361,200	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2053	**			
Free Standing Walls								
Masonry: Brick	100%	Now	\$405,300	2063	**			
<i>Impact Damage, Extent : Severe, Area Affected : 100%</i>								
<i>Location : West Entrance</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	**			

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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**  
**DOT EMERGENCY RESPONSE UNIT**  
**Asset # : 14716**

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

## Site Pavements

Parking/Driveway  
Asphalt

100% Now \$163,900 2036 \* \*  
*Cracking/Crumbling, Extent : Severe, Area Affected : 30%*  
*Location : Throughout*  
*Ponding, Extent : Severe, Area Affected : 15%*  
*Location : Entire Drive*

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

## Under 600 Volts

Service Equipment

Molded Case Bkrs

100% 2053 \* \* 5 \$500  
*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Electrical Room*  
*Explanation : One 200 Ampere Main Disconnect Switch*

Raceway

Conduit

40% 2053 \* \* 1

Conduit

60% 2033 \$2,600 1

Panelboards

Fused Disc Sw

5% 2049 \* \* 5

Molded Case Bkrs

50% 2049 \* \* 5 \$300

Molded Case Bkrs

45% 2032 \$4,400 5 \$200

Wiring

Thermoplastic

60% 2053 \* \* 1

Thermoplastic

40% 2033 \$3,500 1

Motor Controllers

Locally Mounted

100% 2046 \* \* 5 \$100

## Ground

Grounding Devices

Generic

100% LIFE \* \* 5 \$600

## Lighting

Interior Lighting

Fluorescent

20% 2041 \* \* 10 \$3,700  
*T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%*  
*Location : Offices*

Fluorescent

76% 2028 \$105,200 10 \$13,900  
*T-12 Lamps And Fixtures, Extent : Light, Area Affected : 78%*  
*Location : Throughout The Building*

Incandescent

LED

2% 2028 \$2,500 2

2% 2041 \* \*

*Other Observation, Extent : Light, Area Affected : 100%*  
*Location : Office*  
*Explanation : LED Light*

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

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

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

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Egress Lighting								
Emergency, Battery	50%			2038	**	10	\$2,400	
Exit, Service	50%			2033	\$3,300	1		
Exterior Lighting								
LED	20%			2041	**			
No Component	80%							
<b>Alarm</b>								
Security System								
No Component	80%							
Generic	20%			2038	**	1	\$1,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : CCTV Camera</i>								
<hr/>								
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2059	**	1		
Conversion Equipment								
Furnace	15%			2038	**	1	\$1,500	
No Component	85%							
Terminal Devices								
Fan Coil Unit/Heat	30%			2041	**	1	\$1,900	
<i>Recent Installation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : 1st Floor</i>								
No Component	70%							
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2049	**	1		
Conversion Equipment								
Window/Wall Unit	20%			2031	\$14,800	1		
No Component	80%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	15%			LIFE	**	2-5	\$2,600	
No Component	85%							
Exhaust Fans								
Interior	15%			2041	**	2	\$100	
Wall Unit	5%			2028	\$400	2		
No Component	80%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	15%			2059	**	1		
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**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Plumbing</b>								
<b>Water Heater With Tanks</b>								
Gas Fired	15%			2032	\$2,500	2		
No Component	85%							
<b>Sanitary Piping</b>								
Cast Iron	15%			LIFE	**	1		
No Component	85%							
<b>Storm Drain Piping</b>								
Cast Iron	100%			LIFE	**	1		
<b>Sump Pump(s)</b>								
Submersible	100%			2027	\$600	4	\$600	
<b>Fixtures</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : DOT SIDEWALK & INSPECTION MGMT. CITYWIDE CONCRETE PROGRAM  
**Address** : 672 WEST 158TH STREET UNDER RIVERSIDE DRIVE WEST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0350.000 / 15364 **Yr Built/Renovated** :  
**Area Sq Ft** : 14,700 **Project Type** : HIGHWAYS  
**Date of Survey** : 30-Jun-2022 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1,2  
**Block** : **Lot** : **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$584,200	\$166,600
Interior Architecture	\$2,304,600	
Electrical	\$101,700	
<b>Total</b>	<b>\$2,990,400</b>	<b>\$166,600</b>
Importance Code A	\$584,200	\$166,600
Importance Code B	\$1,677,500	
Importance Code C	\$728,800	
<b>Total</b>	<b>\$2,990,400</b>	<b>\$166,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$14,600			
Interior Architecture	\$51,200		\$700	\$800
Electrical	\$24,000	\$500	\$500	\$500
Mechanical	\$1,900		\$4,100	
<b>Total</b>	<b>\$91,600</b>	<b>\$500</b>	<b>\$5,300</b>	<b>\$1,400</b>
Importance Code A	\$16,400		\$100	
Importance Code B	\$24,000	\$500	\$5,200	\$1,400
Importance Code C	\$51,200			
<b>Total</b>	<b>\$91,600</b>	<b>\$500</b>	<b>\$5,300</b>	<b>\$1,400</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**DOT SIDEWALK & INSPECTION MGMT. CITYWIDE CONCRETE PROGRAM**  
**Asset # : 15364**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	100%	Now	\$584,200	LIFE	**	5	\$166,600	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Adjacent Parking Lot</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Adjacent Parking Lot</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Adjacent Parking Lot</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Rear Of Building By Parking Lot</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Adjacent Parking Lot Near Street</i>								
<hr/>								
<b>Windows</b>								
Aluminum	100%	Now	\$14,600	2041	**	5	\$700	
<i>Glazing Clouded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Second Floor Lockers, Bathrooms And Offices</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Windows Throughout</i>								
<hr/>								
<b>Parapets</b>								
Not Accessible	100%							
<hr/>								
<b>Roof</b>								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Roof</i>								
<i>Explanation : Riverside Drive Roadway</i>								
<hr/>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	65%	Now	\$281,400	LIFE	**	5	\$37,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 1st Floor Storage</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 1st Floor Storage</i>								
Ceramic Tile	5%			2036	**	5	\$1,300	
Vinyl Tile	25%	Now	\$175,800	2043	**	3	\$2,400	
<i>Adhesion Failure, Extent : Severe, Area Affected : 50%</i>								
<i>Location : 2nd Floor</i>								
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : 2nd Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd Floor</i>								
Wood	5%			2048	**	5	\$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**  
**DOT SIDEWALK & INSPECTION MGMT. CITYWIDE CONCRETE PROGRAM**  
**Asset # : 15364**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Cast in Place Concrete	70%	Now	\$728,800	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 1st Floor Storage</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 1st Floor Storage</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : 1st Floor Storage</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 1st Floor Storage</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : 1st Floor Storage</i>								
Ceramic Tile	5%	Now	\$18,800	2036		**	5	\$900
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Locker Rooms And Bathrooms</i>								
<i>Loose/Delam Surface, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Locker Rooms And Bathrooms</i>								
Concrete Masonry Unit	20%	Now	\$32,200	LIFE		**	5	\$2,800
<i>Vertical Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : 2nd Floor</i>								
Plywood/Hardboard	5%			LIFE		**	10	\$200
Ceilings								
AcousTileSusp.Lay-In	20%	Now	\$80,700	2053		**	5	\$2,500
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout 2nd Floor</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout 2nd Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout 2nd Floor</i>								
Exposed Struc: Concrete	55%	Now	\$600,200	LIFE		**	5	\$2,100
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : 1st Floor Storage</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 1st Floor Storage</i>								
Exposed Struc: Steel	25%	Now	\$437,600	LIFE		**		
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 1st Floor Storage And 2nd Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 2nd Floor</i>								
Site Enclosure								
Fence/Gates								
Chain Link	100%			2063		**		
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046		**		

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

Maintenance \$ are aggregated over a ten-year period. Site 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 SIDEWALK & INSPECTION MGMT. CITYWIDE CONCRETE PROGRAM**  
**Asset # : 15364**

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

## Site Pavements

## On-Site Walkways

Asphalt

100%

2048

\* \*

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

## Under 600 Volts

## Service Equipment

Molded Case Bkrs

100%

2033

\$31,800

5

\$400

*Other Observation, Extent : N/A, Area Affected : 100%**Location : Electrical Room**Explanation : Main Service Disconnect Switch Rated At 800 Amperes.*

## Switchgear / Switchboard

Molded Case Bkrs

100%

2033

\$31,800

5

\$400

## Raceway

Conduit

100%

2033

\$4,300

1

## Panelboards

Molded Case Bkrs

100%

2-4

\$9,700

2058

\* \*

5

\$200

*Enclosure Corroded, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building*

## Wiring

Thermoplastic

100%

2033

\$8,800

1

## Ground

## Grounding Devices

Generic

100%

0-2

\$10,200

LIFE

\* \*

5

\$200

*Corroded, Extent : Moderate, Area Affected : 100%**Location : Electrical Room*

## Lighting

## Interior Lighting

Fluorescent

80%

Now

\$81,400

2043

\* \*

*Malfunctioning, Extent : Severe, Area Affected : 100%**Location : Throughout The Building*

Fluorescent

20%

0-2

\$20,300

2043

\* \*

*Inadequate Lighting Level, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building*

## Egress Lighting

Emergency, Battery

100%

2028

\$24,100

10

\$3,500

## Exterior Lighting

LED

20%

2033

\$15,400

No Component

80%

## Alarm

## Security System

Generic

100%

2033

\$27,000

1

\$5,500

*Other Observation, Extent : N/A, Area Affected : 100%**Location : Throughout The Building**Explanation : 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**  
**DOT SIDEWALK & INSPECTION MGMT. CITYWIDE CONCRETE PROGRAM**  
**Asset # : 15364**

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Heating</b>								
Energy Source								
Electricity	5%			2033		1		
No Component	95%							
<hr/>								
Conversion Equipment								
Radiant Heater	5%	0-2	\$1,900	2043	**	2	\$300	
			<i>Abandoned in Place, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : 1 Unit In Storage Room</i>					
No Component	95%							
<hr/>								
Controls								
Electrical	100%			2026	\$4,000			
<hr/>								
<b>Plumbing</b>								
H/C Water Piping								
Not Accessible	100%							
<hr/>								
Sanitary Piping								
Cast Iron	10%			LIFE	**	1		
No Component	90%							
<hr/>								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
<hr/>								
Fixtures								
Not Accessible	100%							
<hr/>								

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$103,600	\$198,700
Interior Architecture	\$1,292,500	\$893,000
Electrical		\$1,031,000
Mechanical	\$57,000	
<b>Total</b>	<b>\$1,453,100</b>	<b>\$2,122,700</b>
Importance Code A	\$160,600	\$198,700
Importance Code B	\$1,292,500	\$1,778,800
Importance Code C		\$145,200
<b>Total</b>	<b>\$1,453,100</b>	<b>\$2,122,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$32,500	\$14,300		
Interior Architecture	\$600	\$1,600		\$600
Electrical	\$1,700	\$4,800	\$1,500	\$1,700
Mechanical	\$12,200	\$46,200	\$2,500	\$2,700
Elevators/Escalators	\$4,900	\$4,900	\$4,900	\$4,900
<b>Total</b>	<b>\$51,900</b>	<b>\$71,900</b>	<b>\$8,900</b>	<b>\$9,900</b>
Importance Code A	\$32,500	\$16,000		\$200
Importance Code B	\$19,400	\$55,900	\$8,900	\$9,700
Importance Code C				
<b>Total</b>	<b>\$51,900</b>	<b>\$71,900</b>	<b>\$8,900</b>	<b>\$9,900</b>



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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$38,200	
Concrete Masonry Unit	35%			LIFE	**	5	\$33,400	
Masonry: Brick Cavity	5%	Now	\$32,500	LIFE	**	5	\$7,600	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
Metal Coiling Doors	5%			2043	**	5	\$23,900	
Metal: Cage/Fence	5%			2043	**	5	\$33,400	
Pre-Cast Concrete	40%			LIFE	**	5	\$198,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North And South Facades</i>								
<i>Explanation : Metal Infills</i>								
Window Wall	5%			2050	**	5	\$28,700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Section Of First Floor On The South Side</i>								
<i>Explanation : Commercial Space Use</i>								
Parapets								
Concrete Masonry Unit	40%			LIFE	**	5	\$5,100	
Metal Rail	5%			2043	**	5-10	\$10,300	
Pre-Cast Concrete	55%			LIFE	**	5	\$39,400	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : North And South Parapets</i>								
<i>Explanation : Metal Infills</i>								
Roof								
Traffic Topping	100%	Now	\$103,600	2035	**			
<i>Adhesion Failure, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior								
Floors								
Cast in Place Concrete	94%	Now	\$1,292,500	LIFE	**	5	\$340,400	
<i>Other Observation, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Structural Failure Of The Post Tension Cables Within The Concrete Slabs</i>								
Ceramic Tile	3%			2033		5	\$5,000	
Vinyl Tile	3%			2030		3	\$2,500	
Interior Walls								
Cast in Place Concrete	8%			LIFE	**			
Concrete Masonry Unit	83%			LIFE	**	5	\$145,200	
Glass: Single Pane	2%			LIFE	**	5	\$6,600	
Masonry: Brick	7%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	2%			2035	**	5	\$3,300	
Exposed Struc: Concrete	98%			LIFE	**	5	\$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**  
**E. 149 STREET GARAGE**  
**Asset # : 14319**

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

## Site Pavements

## Public Sidewalk

Cast in Place Concrete	100%			2043		**		
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<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

## Under 600 Volts

## Service Equipment

Molded Case Bkrs	100%			2040		**	5	\$3,000
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Electrical Room**Explanation : One 500 Ampere Main Disconnect Switch And The Building Is Not Occupied*

## Switchgear / Switchboard

Molded Case Bkrs	100%			2040		**	5	\$3,000
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## Raceway

Conduit	100%			2040		**	1	
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## Panelboards

Fused Disc Sw	5%			2038		**	5	\$100
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Molded Case Bkrs	95%			2038		**	5	\$2,800
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## Wiring

Thermoplastic	100%			2040		**	1	
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## Motor Controllers

Locally Mounted	100%			2035		**	5	\$800
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## Ground

## Grounding Devices

Generic	100%			LIFE		**	5	\$1,600
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## Lighting

## Interior Lighting

Fluorescent	100%			2030	\$775,100		10	\$102,800
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout The Building**Explanation : T- 8 Lamps*

## Egress Lighting

Exit, Service	100%			2030	\$37,100		1	
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## Exterior Lighting

HID	30%			2030	\$153,200		10	\$100
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No Component	70%							
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## Alarm

## Security System

No Component	80%							
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Generic	20%			2030	\$41,100		1	\$8,400
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*Other Observation, Extent : Light, Area Affected : 100%**Location : 1st Floor Only**Explanation : 6 CCTV Surveillance Cameras*

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

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

## Alarm

## Fire/Smoke Detection

No Component	90%							
Generic, Analog	10%			2030	\$28,200	1-3	\$7,100	

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

## Heating

## Energy Source

Electricity	100%			2040	**	1		
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Throughout*

*Explanation : This Building Is Not Occupied.*

## Conversion Equipment

Radiant Heater	2%			2025	\$57,000	2	\$1,000	
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*Other Observation, Extent : N/A, Area Affected : 100%*

*Location : Office Only*

*Explanation : 2 Units*

No Component	98%							
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## Air Conditioning

## Energy Source

Electricity	100%			2038	**	1		
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## Conversion Equipment

Window/Wall Unit	2%			2024	\$8,300	1		
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*Other Observation, Extent : N/A, Area Affected : 100%*

*Location : Office Only*

*Explanation : 1 Unit*

No Component	98%							
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## Distribution

No Component	0%							
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## Ventilation

## Exhaust Fans

Wall Unit	5%			2025	\$2,400	2	\$200	
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No Component	95%							
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## Plumbing

## H/C Water Piping

Brass/Copper	5%	Now	\$1,400	2040	**	1		
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*Leak Evident, Extent : Severe, Area Affected : 3%*

*Location : Water Main Valve Connection, 1st Floor Janitor Store Room.*

No Component	95%							
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## Water Heater With Tanks

Electric	5%			2028	\$4,600	4		
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No Component	95%							
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## Sanitary Piping

Cast Iron	5%			LIFE	**	1		
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No Component	95%							
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**DEPARTMENT OF TRANSPORTATION - 841**  
**E. 149 STREET GARAGE**  
**Asset # : 14319**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Plumbing</b>								
	Storm Drain Piping							
	Cast Iron	100%			LIFE	**	1	
	Backflow Preventer							
	No Component	50%						
	Generic	50%			2025	\$24,400	1	\$3,400
	Fixtures							
	Generic	100%						
<b>Vertical Transport</b>								
	Elevators							
	Geared Traction	100%			LIFE	**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : 1st To 4th Floor And Roof</i>					
			<i>Explanation : 1 Unit</i>					
<b>Fire Suppression</b>								
	Standpipe							
	Generic	100%			2040	**	1-5	\$56,500
	Sprinkler							
	No Component	98%						
	Generic	2%			2030	\$30,300	1-2	\$600

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 17-Jul-2019 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1,2  
**Block** : 8012 **Lot** : 400 **BIN** : 3325350

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$299,200	
Interior Architecture	\$91,100	\$61,000
Mechanical		\$1,311,000
Site Pavements	\$77,900	
<b>Total</b>	<b>\$468,200</b>	<b>\$1,372,100</b>
Importance Code A	\$299,200	\$177,200
Importance Code B		\$1,194,800
Importance Code C	\$169,000	
<b>Total</b>	<b>\$468,200</b>	<b>\$1,372,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$80,400		\$5,200	\$12,200
Interior Architecture	\$56,200	\$200		
Electrical	\$7,400	\$500	\$112,600	\$200
Mechanical	\$13,100	\$3,600	\$16,600	\$3,600
Site Enclosure	\$2,200			
<b>Total</b>	<b>\$159,300</b>	<b>\$4,300</b>	<b>\$134,400</b>	<b>\$16,000</b>
Importance Code A	\$82,500	\$2,100	\$7,300	\$14,200
Importance Code B	\$76,800	\$2,200	\$127,100	\$1,800
Importance Code C				
<b>Total</b>	<b>\$159,300</b>	<b>\$4,300</b>	<b>\$134,400</b>	<b>\$16,000</b>



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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	87%	Now	\$231,300	LIFE	**	5	\$28,800	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Masonry Openings Of Windows</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Masonry Openings</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Chimney</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout Window Openings</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Leaks At Window Lintels</i>								
Metal Coiling Doors	10%			2036	**	5	\$10,300	
Stucco Cement	3%	Now	\$32,900	2051	**	5	\$1,200	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Bulkhead</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Bulkhead</i>								
<i>Worn/Eroded, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Bulkhead</i>								
Windows								
Aluminum	100%			2047	**	5	\$6,000	
Parapets								
Masonry: Brick	90%	Now	\$28,100	LIFE	**	5	\$2,300	
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Interior Face</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Inside Face</i>								
Masonry: Limestone	10%			LIFE	**	5	\$300	
Roof								
Built-Up (BUR)	10%	0-2	\$19,400	2036	**			
<i>Gravel/Slag Surface, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Flat Section</i>								
<i>Miss/Damaged Flashings, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout Flat Roof Area</i>								
Metal Panel	87%			2044	**	10	\$67,900	
Roll Roofing	3%			2027	\$8,100	5	\$2,100	

## Interior

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	90%	Now	\$46,400	LIFE	**	5	\$61,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Shop Area</i>								
Ceramic Tile	5%			2034	**	5	\$1,600	
Vinyl Tile	5%			2031	\$41,800	3	\$600	
<b>Interior Walls</b>								
Concrete Masonry Unit	5%			LIFE	**	5	\$500	
Glass: Single Pane	2%			LIFE	**	5	\$400	
Masonry: Brick	93%	Now	\$91,100	LIFE	**			
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Upper Level</i>								
<b>Ceilings</b>								
Exposed Struc: Concrete	10%	Now	\$9,100	LIFE	**	5	\$500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Steel	90%			LIFE	**			
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%			2041	**			
<b>Retaining Walls</b>								
Cast in Place Concrete	100%	0-2	\$2,200	2066	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%			2036	**			
<b>On-Site Walkways</b>								
Cast in Place Concrete	100%			2044	**			
<b>Parking/Driveway</b>								
Asphalt	100%	2-4	\$77,900	2040	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Due To Constant Heavy Vehicular Traffic</i>								

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2031	\$3,700	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One Electrical Service Rated At 400 Amperes</i>								
<b>Raceway</b>								
Conduit	100%			2031	\$4,300	1		

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Panelboards</b>								
Molded Case Bkrs	100%			2030	\$19,500	5	\$500	
<b>Wiring</b>								
Braided Cloth	80%	2-4	\$7,100	2056	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Office Plus Electrical Room</i>								
Thermoplastic	20%			2031	\$1,800	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2029	\$33,700	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$300	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : Water Main</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	30%			2026	\$43,200	10	\$5,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
LED	70%			2036	**			
<b>Egress Lighting</b>								
Exit, Service	50%			2026	\$3,400	1		
Exit, Battery	50%			2026	\$11,700	10	\$700	
<b>Exterior Lighting</b>								
HID	50%			2026	\$47,400	10		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Outside Perimeter</i>								
<i>Explanation : Operated Via Photocell</i>								
No Component	50%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2031	\$11,500	1	\$2,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Camera Monitored At 55 Water Street</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	100%			2041	**	1		

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment Steam Boiler	100%			2029	\$177,200	1	\$20,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<i>Explanation : 2 Units. One Is Operational, The Other Is Abandoned In Place</i>								
Distribution Steam Piping/Pump	100%			2031	\$162,800			
<b>Terminal Devices</b>								
Convactor/Radiator	15%			2029	\$24,900	1	\$1,000	
Fan Coil Unit/Heat	85%			2031	\$428,600	1	\$5,700	
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2039	**	1		
Conversion Equipment Window/Wall Unit	10%	Now	\$800	2029	\$7,700	1		
<i>Broken, Extent : Severe, Area Affected : 30%</i>								
<i>Location : 1st Floor Unit Not Working</i>								
No Component	90%							
<b>Ventilation</b>								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,600	
<b>Exhaust Fans</b>								
Roof	30%			2026	\$11,800	2	\$200	
Wall Unit	70%			2031	\$6,100	2	\$400	
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2031	\$261,200	1		
Water Heater With Tanks Gas Fired	100%			2029	\$16,700	2		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Basement And 1st Floor</i>								
<i>Explanation : One Unit Is In The Basement Boiler Room. The Second Unit Is Accessed At The Rear Of The Building</i>								
Sanitary Piping Cast Iron	100%	Now	\$5,100	LIFE	**	1		
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Garage</i>								
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Sump Pump(s) Non-Submersible	100%	0-2	\$4,100	2041	**	4	\$400	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Basement</i>								
<b>Fixtures</b>								
Generic	100%							
<b>Fire Suppression</b>								

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Estimates are rounded to the nearest hundred dollars.

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

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

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

**Asset # : 1000**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Fire Suppression Sprinkler Generic	100%			2031	\$281,200	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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 17-Jul-2019 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 8012 **Lot** : 400 **BIN** : 3325350

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$71,300		\$9,100	
Interior Architecture	\$49,300	\$100		\$100
Electrical			\$3,000	
Mechanical	\$100	\$100	\$25,200	\$100
<b>Total</b>	<b>\$120,700</b>	<b>\$200</b>	<b>\$37,400</b>	<b>\$200</b>
Importance Code A	\$71,300		\$9,100	
Importance Code B	\$5,500	\$200	\$28,300	\$200
Importance Code C	\$43,900			
<b>Total</b>	<b>\$120,700</b>	<b>\$200</b>	<b>\$37,400</b>	<b>\$200</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLATLANDS AVENUE YARD WAREHOUSE AND WELDING SHOP**  
**Asset # : 1036**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Masonry: Brick	85%	Now	\$48,700	LIFE	**	5	\$6,100	1
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Masonry Openings</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Corners</i>								
Metal Coiling Doors	15%			2036	**	5	\$3,300	
Windows								
Aluminum	100%	Now	\$19,300	2047	**	5	\$400	
<i>Air Infiltration, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Parapets								
Masonry: Brick	95%	Now	\$3,300	LIFE	**	5	\$100	1
<i>Diagonal Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : At Corners</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Corners</i>								
Masonry: Limestone	5%	Now		LIFE	**	5		
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Built-Up (BUR)	100%			2036	**	10	\$7,500	
Interior								
Floors								
Cast in Place Concrete	70%	Now	\$4,600	LIFE	**	5	\$6,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	5%			2040	**	5	\$200	
Vinyl Tile	25%	0-2	\$500	2036	**	3	\$400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Interior Walls								
Gypsum Board	25%			LIFE	**	5	\$2,400	
Masonry: Brick	75%	0-2	\$43,900	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Ceilings								
AcousTileSusp.Lay-In	25%	0-2	\$300	2036	**	5	\$500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Exposed Struc: Concrete	75%			LIFE	**	5	\$500	

## Site Enclosure

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

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

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

Site Enclosure								
Fence/Gates								
Chain Link	100%			2051	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	**			
On-Site Walkways								
Asphalt	100%			2034	**			
Parking/Driveway								
Asphalt	100%			2034	**			

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

Under 600 Volts								
Raceway								
Conduit	100%			2031	\$4,300	1		
Panelboards								
Molded Case Bkrs	100%			2039	**	5	\$100	
Wiring								
Thermoplastic	100%			2041	**	1		
Ground								
Grounding Devices								
Not Accessible	100%							
Lighting								
Interior Lighting								
Fluorescent	85%			2036	**	10	\$2,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
HID	10%			2031	\$3,200	10		
Incandescent	5%			2026	\$900	2		

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

Heating								
Distribution								
Steam Piping/Pump	100%			2041	**			
Terminal Devices								
Convactor/Radiator	100%			2036	**	1	\$900	
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	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**

<b>Mechanical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Air Conditioning</b>								
Conversion Equipment								
Window/Wall Unit	20%			2026	\$2,100	1		
No Component	80%							
<b>Ventilation</b>								
Exhaust Fans								
Wall Unit	100%			2031	\$1,200	2	\$100	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2041	**	1		
Water Heater With Tanks								
Electric	100%			2026	\$23,100	4		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
<b>Fixtures</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 11-Dec-2020 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1  
**Block** : 3886 **Lot** : 558 **BIN** : 4095043

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$239,400	
<b>Total</b>	<b>\$239,400</b>	
Importance Code A	\$239,400	
<b>Total</b>	<b>\$239,400</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$28,600			\$1,600
Interior Architecture	\$46,700	\$2,000		
Electrical				\$5,900
Mechanical	\$1,300	\$300	\$1,300	\$28,700
Site Pavements	\$22,900			
<b>Total</b>	<b>\$99,500</b>	<b>\$2,400</b>	<b>\$1,300</b>	<b>\$36,300</b>
Importance Code A	\$29,000	\$100	\$300	\$1,700
Importance Code B	\$45,700	\$2,300	\$900	\$34,600
Importance Code C	\$24,900			
<b>Total</b>	<b>\$99,500</b>	<b>\$2,400</b>	<b>\$1,300</b>	<b>\$36,300</b>



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

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

**Asset # : 2424**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Alum/Vinyl Siding	10%			2052	**	10	\$400	
Cast in Place Concrete	15%	Now	\$10,200	LIFE	**	5	\$8,700	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Base Of Building</i>								
Concrete Masonry Unit	2%			LIFE	**	5	\$100	
Masonry: Brick	68%	Now	\$63,400	LIFE	**	5	\$7,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Facade</i>								
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	5%			2037	**	5	\$1,800	
Windows								
Aluminum	100%			2048	**	5	\$2,300	
Parapets								
Masonry: Brick	95%	Now	\$175,900	LIFE	**	5	\$7,100	
<i>Horizontal Cracks, Extent : Severe, Area Affected : 10%</i>								
<i>Location : West Parapet Exterior</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2052	**	5	\$1,500	
Roof								
Built-Up (BUR)	15%	Now	\$13,600	2037	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Above Mens Locker Room And Staff Room</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Roof Inaccessible, Observation As Per Visual Inspection And Building Occupant Account.</i>								
Modified Bitumen	85%	Now	\$4,800	2037	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Roof Penetration Rear Storage Room</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Roof Inaccessible, Observation As Per Visual Inspection And Building Occupant Account.</i>								
Interior								
Floors								
Cast in Place Concrete	75%	0-2	\$16,800	LIFE	**	5	\$22,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Apparatus Floor</i>								
Vinyl Tile	25%			2037	**	3	\$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  
GLENDALE YARD BLDG. 7 (GARAGE AND STORAGE)**

**Asset # : 2424**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Concrete Masonry Unit	5%			LIFE	**	5	\$500	
Gypsum Board	30%	0-2	\$2,000	LIFE	**	5	\$4,300	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Male Locker Room And Staff Room</i>								
Masonry: Brick	65%			LIFE	**			
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Mens Locker Room</i>								
<b>Ceilings</b>								
AcousTileSusp.Lay-In	25%			2045	**	5	\$3,200	
Exposed Struc: Concrete	75%	Now	\$27,900	LIFE	**	5	\$1,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Apparatus Floor Ceiling</i>								
<b>Site Pavements</b>								
<b>Parking/Driveway</b>								
Asphalt	3%	Now	\$22,900	2041	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Overhead Door Apron</i>								
Asphalt	97%			2041	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Raceway</b>								
Conduit	100%			2052	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2048	**	5	\$200	
<b>Wiring</b>								
Thermoplastic	100%			2052	**	1		
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	25%			2037	**	10	\$1,300	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Garage</i>								
<i>Explanation : T-5 Lamps</i>								
Fluorescent	75%			2037	**	10	\$3,900	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<i>Explanation : T-8 Lamps</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2037	**	10	\$700	
Exit, Service	50%			2037	**	1		
<b>Exterior Lighting</b>								
HID	20%			2037	**	10		
No Component	80%							

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

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

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

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

**Asset # : 2424**

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Heating</b>							
Energy Source							
Electricity	80%		2052	**	1		
Natural Gas	20%		2042	**	1		
Conversion Equipment							
Furnace	20%		2037	**	1	\$600	
Heat Pump Air Sourced	80%		2036	**	2	\$1,400	
Terminal Devices							
Fan Coil Unit/Heat	80%		2040	**	1	\$1,500	
No Component	20%						
<b>Air Conditioning</b>							
Energy Source							
Electricity	100%		2048	**	1		
Conversion Equipment							
Heat Pump Air Sourced	75%		2036	**	2	\$300	
Window/Wall Unit	25%		2027	\$5,300	1		
Terminal Devices							
Fan Coil - 2 Pipe	75%		2040	**	1	\$1,400	
No Component	25%						
Heat Rejection							
Dry Cooler	75%		2040	**	2	\$3,000	
No Component	25%						
<b>Ventilation</b>							
Exhaust Fans							
Wall Unit	40%		2032	\$1,000	2	\$100	
No Component	60%						
<b>Plumbing</b>							
H/C Water Piping							
Brass/Copper	100%		2052	**	1		
Water Heater With Tanks							
Electric	100%		2027	\$23,100	4		
Sanitary Piping							
Cast Iron	100%		LIFE	**	1		
Storm Drain Piping							
Cast Iron	100%		LIFE	**	1		
Fixtures							
Generic	100%						

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : HARLEM RIVER BRIDGE SHOP GARAGE 1  
**Address** : 300 W. 206TH STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0093.000 / 549 **Yr Built/Renovated** : 1958 / 2007  
**Area Sq Ft** : 14,192 **Project Type** : HIGHWAYS  
**Date of Survey** : 18-Nov-2021 **Landmark Status** : NONE  
**Areas Surveyed** : Basement, Roof, Floors 1  
**Block** : 2186 **Lot** : 9 **BIN** : 1081892

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$261,200	
Electrical		\$98,200
<b>Total</b>	<b>\$261,200</b>	<b>\$98,200</b>
Importance Code A	\$261,200	
Importance Code B		\$98,200
<b>Total</b>	<b>\$261,200</b>	<b>\$98,200</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$85,300		\$9,300	
Interior Architecture	\$54,000		\$1,500	
Electrical	\$3,900	\$1,300	\$1,400	\$1,600
Mechanical	\$90,400	\$1,400	\$7,100	\$1,800
Site Enclosure	\$36,500			
Site Pavements	\$36,400			
<b>Total</b>	<b>\$306,500</b>	<b>\$2,800</b>	<b>\$19,200</b>	<b>\$3,400</b>
Importance Code A	\$114,300	\$700	\$10,000	\$700
Importance Code B	\$114,800	\$2,100	\$9,200	\$2,700
Importance Code C	\$77,400			
<b>Total</b>	<b>\$306,500</b>	<b>\$2,800</b>	<b>\$19,200</b>	<b>\$3,400</b>



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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Masonry: Brick	82%	0-2	\$261,200	LIFE	**	5	\$32,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>								
<i>Location : At Parapets Level</i>								
Metal Sect. OHD	15%			2046	**	5	\$18,600	
Pre-Cast Concrete	3%			LIFE	**	5	\$7,700	
Windows								
Aluminum	50%	Now	\$3,400	2049	**	5	\$700	
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Mechanical Locker Room</i>								
Fiberglass Panel	50%			2049	**	5	\$5,500	
Parapets								
Cast Stone/Terra Cotta	5%	Now	\$4,900	LIFE	**	5	\$2,100	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : North Facade</i>								
Masonry: Brick	95%			LIFE	**	5-10	\$35,700	
Roof								
Single Ply Membrane	100%	Now	\$39,900	2041	**			
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Locker Room And Corridors</i>								
Soffits								
Cement - Fiber Panel	100%			2038	**	10		
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Soffit</i>								
<i>Explanation : Paint Peeling</i>								
Interior								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$9,300	
Terrazzo	5%			LIFE	**	5	\$1,700	
Traffic Topping	70%			2038	**	5	\$18,600	
Vinyl Tile	15%			2038	**	3	\$1,200	
Interior Walls								
Cast in Place Concrete	10%			LIFE	**	10	\$4,700	
Concrete Masonry Unit	75%			LIFE	**	5	\$11,300	
Glass: Single Pane	5%			LIFE	**	5	\$1,400	
Masonry: Brick	5%			LIFE	**	10	\$300	
SGFT/Glazed Masonry	5%			LIFE	**	10	\$500	
Ceilings								
AcousTileSusp.Lay-In	10%			2046	**	5	\$2,100	
Exposed Struc: Concrete	10%			LIFE	**	5-10	\$2,700	
Exposed Struc: Steel	70%			LIFE	**	10	\$29,700	
Gypsum Board	10%			LIFE	**	5-10	\$7,300	
Site Enclosure								

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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**  
**HARLEM RIVER BRIDGE SHOP GARAGE 1**  
**Asset # : 549**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Site Enclosure</b>								
Fence/Gates								
Aluminum Rail	100%	Now	\$36,500	2038	**	5	\$4,000	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Loading Dock</i>								
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Loading Dock</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Loading Dock</i>								
<i>Explanation : Metal Safety Railing Along Loading Dock</i>								
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%	Now	\$7,300	2046	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : West 200th Street</i>								
<b>On-Site Walkways</b>								
Cast in Place Concrete	100%	0-2	\$29,000	2053	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout Loading Dock, Near Steps</i>								
<b>Parking/Driveway</b>								
Cast in Place Concrete	100%			2046	**			
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2053	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 2,500 Ampere Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Fused Disc Sw	100%			2053	**	5	\$100	
<b>Raceway</b>								
Conduit	100%			2053	**	1		
<b>Panelboards</b>								
Molded Case Bkrs	100%			2049	**	5	\$400	
<b>Wiring</b>								
Thermoplastic	100%			2053	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2046	**	5	\$100	
<b>Ground</b>								
<b>Grounding Devices</b>								
Generic	100%			LIFE	**	5	\$400	
<b>Lighting</b>								

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	90%			2033	\$88,400	10	\$11,700	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2033	\$9,800	10	\$1,300	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Locker Rooms</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2028	\$11,600	10	\$1,700	
Exit, LED	25%			2061	**	1		
Exit, Battery	25%			2028	\$4,000	10	\$200	
<b>Exterior Lighting</b>								
LED	20%			2038	**			
<i>Recent Installation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Building Perimeter</i>								
No Component	80%							
<b>Alarm</b>								
<b>Security System</b>								
Generic	100%			2033	\$26,000	1	\$5,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : CCTV Surveillance System</i>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2033	\$35,800	1-3	\$9,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Manual Pull Stations, Horns, Strobes And Smoke Detection</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	100%			2043	**	1		
<b>Conversion Equipment</b>								
Furnace	70%			2038	**	1	\$4,900	
<i>Other Observation, Extent : Light, Area Affected : 85%</i>								
<i>Location : Roof</i>								
<i>Explanation : 4 Rooftop Units</i>								
Furnace	15%	Now	\$6,500	2043	**	1	\$900	
<i>Broken, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Roof</i>								
Hot Water Boiler	15%	0-2	\$22,100	2053	**	1	\$900	
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Basement</i>								
<i>Explanation : 1 Unit. Abandoned</i>								

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

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Distribution								
Hot Wtr Piping/Pump	15%			2049	**	4	\$200	
No Component	85%							
Terminal Devices								
Convactor/Radiator	15%			2046	**	1	\$700	
No Component	85%							
Air Conditioning								
Energy Source								
Electricity	100%			2049	**	1		
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	100%	Now	\$46,600	2038	**	2	\$700	
			<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Roof</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : 2 Of 6 Units Are Broken</i>					
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2	\$23,100	
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$12,500	
Exhaust Fans								
Roof	100%			2038	**	2	\$400	
Plumbing								
H/C Water Piping								
Brass/Copper	100%			2053	**	1		
Water Heater With Tanks								
Gas Fired	100%			2031	\$16,700	2		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Basement</i>					
			<i>Explanation : 80 Gallon Unit</i>					
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%	Now	\$4,900	LIFE	**	1		
			<i>Other Observation, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : Roof</i>					
			<i>Explanation : Broken And Leaking Roof Drain</i>					
Sump Pump(s)								
Submersible	100%			2027	\$400	4	\$500	
Backflow Preventer								
Generic	100%			2038	**	1	\$900	
Fixtures								
Generic	100%							
Fire Suppression								

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	
Fire Suppression	Sprinkler							
	Generic	100%			2053	**	1-2	\$4,000

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 18-Nov-2021 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 2186 **Lot** : 9 **BIN** : 1081894

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$102,500	
Electrical		\$189,700
Mechanical	\$66,000	
<b>Total</b>	<b>\$168,400</b>	<b>\$189,700</b>
Importance Code A	\$102,500	
Importance Code B	\$66,000	\$189,700
<b>Total</b>	<b>\$168,400</b>	<b>\$189,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$95,700		\$7,200	
Interior Architecture	\$29,600		\$16,000	
Electrical	\$2,500	\$1,900	\$2,100	\$2,300
Mechanical	\$20,400	\$2,000	\$3,500	\$1,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$152,200</b>	<b>\$7,900</b>	<b>\$32,800</b>	<b>\$8,100</b>
Importance Code A	\$108,700	\$1,000	\$8,200	\$1,000
Importance Code B	\$29,500	\$6,900	\$24,500	\$7,100
Importance Code C	\$14,000			
<b>Total</b>	<b>\$152,200</b>	<b>\$7,900</b>	<b>\$32,800</b>	<b>\$8,100</b>



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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
Exterior Walls								
Masonry: Brick	55%	Now	\$102,500	LIFE	**	5	\$12,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	20%			2053	**	5-10	\$31,800	
Metal Sect. OHD	20%			2046	**	5	\$14,500	
Window Wall	5%			2053	**	5	\$4,300	
<b>Windows</b>								
Aluminum	100%	Now	\$20,700	2049	**	5	\$4,500	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Kitchen</i>								
<i>Water Penetration, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<b>Parapets</b>								
Cast Stone/Terra Cotta	10%	0-2	\$2,900	LIFE	**	5	\$2,500	
<i>Open Joints, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	45%			LIFE	**	5-10	\$10,100	
Metal Panel	5%			2053	**	5	\$600	
Metal Rail	40%	Now	\$17,200	2046	**	5	\$9,300	
<i>Loose/Miss Fasteners, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<b>Roof</b>								
Plaza Roof: Stone Panels	5%			2053	**			
Single Ply Membrane	95%	Now	\$44,400	2038	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Penthouse, 2nd Floor Offices And Corridor</i>								
<b>Soffits</b>								
Aluminum Sunshades	75%			2042	**	10	\$6,100	
Cement - Fiber Panel	25%	Now	\$1,900	2038	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Over Main Entrance</i>								
<b>Interior</b>								
Floors								
Cast in Place Concrete	10%			LIFE	**	5	\$13,200	
Traffic Topping	5%			2038	**	5	\$1,900	
Vinyl Tile	85%			2038	**	3	\$9,600	
<b>Interior Walls</b>								
Concrete Masonry Unit	80%			LIFE	**	5	\$19,400	
Glass: Single Pane	5%			LIFE	**	5	\$2,300	
Gypsum Board	5%			LIFE	**	5-10	\$2,600	
SGFT/Glazed Masonry	10%			LIFE	**	10	\$1,500	
<b>Ceilings</b>								
AcousTileSusp.Lay-In	85%			2046	**	5	\$25,600	
Exposed Struc: Steel	15%			LIFE	**	10	\$9,000	
<b>Site Enclosure</b>								

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Site Enclosure								
Fence/Gates								
Chain Link	10%			2053	**			
Chain Link	90%			2053	**			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2046	**			
Parking/Driveway								
Cast in Place Concrete	100%			2046	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Driveway</i>								
<i>Explanation : Shared With Asset 549</i>								
<hr/>								
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2043	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 800 Ampere Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Knife Sw	100%			2043	**	5	\$100	
Raceway								
Conduit	100%			2043	**	1		
Panelboards								
Molded Case Bkrs	100%			2041	**	5	\$500	
Wiring								
Thermoplastic	100%			2043	**	1		
Motor Controllers								
Locally Mounted	100%			2038	**	5	\$100	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$600	
Lighting								
Interior Lighting								
Fluorescent	95%			2033	\$132,100	10	\$17,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 95%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	5%			2033	\$7,000	10	\$900	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 5%</i>								
<i>Location : Second Floor</i>								
Egress Lighting								
Emergency, Battery	50%			2033	\$16,500	10	\$2,400	
Exit, LED	25%			2061	**	1		
Exit, Battery	25%			2033	\$5,700	10	\$300	

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Exterior Lighting								
Fluorescent	5%			2033	\$3,900	10	\$100	
HID	15%			2033	\$13,700	10		
		<i>Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Exterior</i>						
No Component	80%							
<b>Alarm</b>								
Security System								
Generic	100%			2033	\$36,800	1	\$7,500	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : CCTV Surveillance System</i>						
Fire/Smoke Detection								
Generic, Digital	100%			2033	\$50,600	1-3	\$12,800	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout The Building</i>						
		<i>Explanation : Manual Pull Stations, Horns and Strobes And Smoke Detection</i>						
<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source								
Natural Gas	100%			2053	**	1		
Conversion Equipment								
Furnace	60%			2038	**	1	\$6,000	
		<i>Other Observation, Extent : Light, Area Affected : 60%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : Two Package Units</i>						
Furnace	20%	Now	\$12,200	2043	**	1	\$1,800	
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Roof</i>						
		<i>Explanation : 1 Unit Is Boken</i>						
Hot Water Boiler	20%			2046	**	1	\$2,000	
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : 3rd Floor Penthouse</i>						
		<i>Explanation : 1 Unit</i>						
Distribution								
Hot Wtr Piping/Pump	20%			2049	**	4	\$300	
No Component	80%							
Terminal Devices								
Convactor/Radiator	20%			2046	**	1	\$1,300	
No Component	80%							
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2049	**	1		

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

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Air Conditioning								
Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	75%			2038	**	2	\$900
<i>R-134a Refrigerant, Extent : Light, Area Affected : 100%</i>								
<i>Location : 3 Units, Roof</i>								
	Ext Pkg Unit - Heating/Cooling	20%	Now	\$66,000	2043	**	2	\$200
<i>Broken, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Roof</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : 1 Unit</i>								
	Split Unit	5%			2038	**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Elevator Machine Room</i>								
<i>Explanation : 1 Unit</i>								
Ventilation								
Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$17,700
Exhaust Fans								
	Roof	100%			2038	**	2	\$600
Plumbing								
H/C Water Piping								
	Brass/Copper	100%			2053	**	1	
Water Heater With Tanks								
	Gas Fired	100%			2031	\$16,700	2	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 2nd Floor</i>								
<i>Explanation : 80 Gallon Unit</i>								
Sanitary Piping								
	Cast Iron	100%			LIFE	**	1	
Storm Drain Piping								
	Cast Iron	100%			LIFE	**	1	
Backflow Preventer								
	No Component	50%						
	Generic	50%			2038	**	1	\$600
Fixtures								
	Generic	100%						
Vertical Transport								
Elevators								
	Hydraulic	100%			LIFE	**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st To 3rd Floor</i>								
<i>Explanation : 1 Unit</i>								
Fire Suppression								
Sprinkler								
	Generic	100%			2053	**	1-2	\$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  
HARLEM RIVER BRIDGE SHOP GARAGE 2  
Asset # : 550**

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture		\$151,900
Electrical	\$78,700	\$123,600
Mechanical	\$50,100	\$54,900
<b>Total</b>	<b>\$128,800</b>	<b>\$330,400</b>
Importance Code A		\$206,800
Importance Code B	\$128,800	\$123,600
<b>Total</b>	<b>\$128,800</b>	<b>\$330,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$40,000		\$2,200	\$1,300
Interior Architecture	\$8,400	\$1,600		
Electrical	\$158,400	\$17,100	\$59,600	\$1,000
Mechanical	\$56,000	\$900	\$160,400	\$900
<b>Total</b>	<b>\$262,800</b>	<b>\$19,600</b>	<b>\$222,200</b>	<b>\$3,200</b>
Importance Code A	\$40,300	\$500	\$26,000	\$1,800
Importance Code B	\$222,500	\$18,700	\$196,200	\$1,400
Importance Code C		\$400		
<b>Total</b>	<b>\$262,800</b>	<b>\$19,600</b>	<b>\$222,200</b>	<b>\$3,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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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
Exterior								
Exterior Walls								
Alum/Vinyl Siding	20%	Now	\$5,500	2036		**		
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Two Story Section</i>								
<i>Paint Peeling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Two Story Section</i>								
Metal, Corrugated	65%	Now	\$9,000	2036		**	1	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Metal Sect. OHD	10%			2031	\$50,900	5	\$4,500	
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : East And South Facades</i>								
<i>Explanation : Deformed Dented</i>								
Wood	5%	Now	\$4,600	2031	\$15,200	5	\$1,800	1
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Sectional Door Frames</i>								
<i>Dry Rot/Decay, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Sectional Door Frames</i>								
No Component	0%							
Windows								
Aluminum	100%			2042		**	5	\$2,600
Roof								
Metal, Corrugated	80%			2031	\$101,000	1		
Roll Roofing	20%			2024	\$18,400	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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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Interior								
Ceilings								
AcousTileSusp.Lay-In	25%	Now	\$3,300	2039	**	5	\$2,000	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : One Story Wing</i>								
<i>Staining/Discoloring, Extent : Severe, Area Affected : 100%</i>								
<i>Location : One Story Wing</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 50%</i>								
<i>Location : One Story Wing</i>								
AcousTileSusp.Lay-In	45%			2039	**	5	\$7,300	
Exposed Struc: Steel	15%			LIFE	**			
Gypsum Board	15%			LIFE	**	5	\$3,000	

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2026	\$3,700	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Two 400 Ampere Main Disconnect Switches For Main Office Building</i>								
Transformers								
Dry Type	100%			2024	\$26,100	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room</i>								
<i>Explanation : One 112.5 Kilovolt-ampere, 480hv-208/120lv</i>								
Switchgear / Switchboard								
Fused Disc Sw	50%			2026	\$15,900	5		
Molded Case Bkrs	50%			2026	\$15,900	5	\$100	
Raceway								
Conduit	100%			2026	\$4,300	1		
Panelboards								
Fused Disc Sw	10%			2025	\$1,000	5		
Molded Case Bkrs	90%			2025	\$8,800	5	\$300	
Wiring								
Thermoplastic	100%			2026	\$8,800	1		
Motor Controllers								
Locally Mounted	20%			2024	\$4,500	5		
Motor Control Center	80%			2024	\$42,600	5	\$200	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$200	
Stand-by Power								
Transfer Switches								
Automatic	100%			2024	\$10,600	1	\$3,300	

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**  
**HARPER ST. ASPHALT PLANT**  
**Asset # : 14715**

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Stand-by Power</b>								
<b>Generators</b>								
Diesel	100%			2024	\$78,700	1	\$4,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Generator Room - Main Office Building</i>								
<i>Explanation : One 500 Kilowatt, One 800 Kilowatt And One 900 Kilowatt. The Three Generators Are For The Asphalt Plant Only</i>								
<b>Batteries</b>								
Lead/Acid	100%			2024	\$2,400	5	\$400	
<b>Fuel Storage</b>								
<b>Day Tank</b>								
	25%			2025	\$6,300	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Genrator Room</i>								
<i>Explanation : One 125 Gallon</i>								
<b>Main Tank</b>								
	75%			2029	\$56,300	5		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside</i>								
<i>Explanation : Three 25,000 Gallon</i>								
<b>Lighting</b>								
<b>Interior Lighting</b>								
<b>Fluorescent</b>								
	90%			2031	\$67,200	10	\$8,900	
<i>T-8 Lamps And Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<b>HID</b>								
	5%			2024	\$6,200	10		
<b>Incandescent</b>								
	5%			2024	\$3,400	2		
<b>Egress Lighting</b>								
<b>Emergency, Battery</b>								
	50%			2024	\$8,900	10	\$1,300	
<b>Exit, Service</b>								
	50%			2024	\$1,800	1		
<b>Exterior Lighting</b>								
<b>HID</b>								
	100%			2024	\$49,200	10		
<b>Alarm</b>								
<b>Security System</b>								
<b>No Component</b>								
	50%							
<b>Generic</b>								
	50%			2026	\$9,900	1	\$2,000	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
<b>Energy Source</b>								
Electricity	20%			2046	**	1		
Natural Gas	80%			2036	**	1		

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

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

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Heating</b>								
Conversion Equipment								
Furnace	60%			2026	\$19,700	1	\$3,200	
	<i>Other Observation, Extent : N/A, Area Affected : 60%</i>							
	<i>Location : Garage</i>							
	<i>Explanation : 3 Units</i>							
Radiant Heater	20%			2031	\$54,900	2	\$1,000	
	<i>Other Observation, Extent : N/A, Area Affected : 20%</i>							
	<i>Location : 1st Floor</i>							
	<i>Explanation : 2 Units</i>							
No Component	20%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Office</i>							
	<i>Explanation : Heating Is Provided By A Heat Pump Listed Only Under Air Conditioning Conversion Equipment</i>							
<b>Terminal Devices</b>								
Air Handler	20%			2026	\$31,800	1	\$1,300	
Fan Coil Unit/Heat	20%			2026	\$41,800	1	\$700	
No Component	60%							
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2034	**	1		
<b>Conversion Equipment</b>								
Heat Pump Air Sourced	20%			2024	\$31,600	2	\$100	
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Office</i>							
	<i>Explanation : 1 Unit - Provides Both Heating And Cooling</i>							
Split Unit	20%			2026	\$50,100			
	<i>Other Observation, Extent : N/A, Area Affected : 20%</i>							
	<i>Location : Laboratory</i>							
	<i>Explanation : 1 Unit</i>							
No Component	60%							
<b>Terminal Devices</b>								
Air Handler/Cool/Ht	20%			2026	\$16,400	1	\$1,300	
Fan Coil - 4 Pipe	20%			2026	\$32,100	1	\$700	
No Component	60%							
<b>Heat Rejection</b>								
Dry Cooler	40%			2026	\$7,700	2	\$3,000	
No Component	60%							
<b>Ventilation</b>								
<b>Distribution</b>								
Ductwork/Diffusers	20%			LIFE	**	2-5	\$1,200	
No Component	80%							
<b>Exhaust Fans</b>								
Interior	20%			2026	\$9,400	2	\$100	
No Component	80%							
<b>Plumbing</b>								

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

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

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Plumbing									
	H/C Water Piping Brass/Copper	100%			2036	* *	1		
	Water Heater With Tanks Electric	100%			2024	\$23,100	4		
	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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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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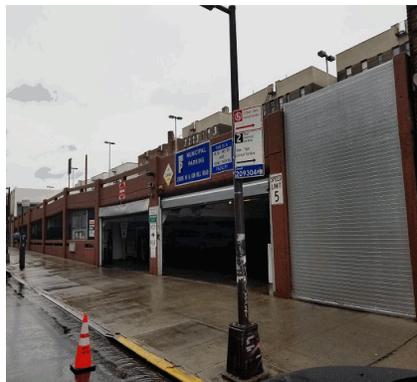
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 07-Feb-2020 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2,3  
**Block** : 3328 **Lot** : 10 **BIN** : 2017791

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$1,117,100	\$683,200
Interior Architecture	\$395,500	
Electrical	\$980,700	\$127,000
Mechanical	\$99,900	
<b>Total</b>	<b>\$2,593,200</b>	<b>\$810,200</b>
Importance Code A	\$1,217,000	\$746,700
Importance Code B	\$1,376,200	\$63,500
<b>Total</b>	<b>\$2,593,200</b>	<b>\$810,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$69,500			
Interior Architecture		\$1,200	\$1,100	
Electrical	\$300	\$1,300	\$19,400	\$300
Mechanical	\$16,100		\$400	
<b>Total</b>	<b>\$85,800</b>	<b>\$2,500</b>	<b>\$20,800</b>	<b>\$300</b>
Importance Code A	\$69,900		\$1,400	
Importance Code B	\$16,000	\$2,500	\$19,400	\$300
Importance Code C				
<b>Total</b>	<b>\$85,800</b>	<b>\$2,500</b>	<b>\$20,800</b>	<b>\$300</b>



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

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	80%	Now	\$630,100	LIFE	**	5	\$539,100	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Street Facade</i>								
<i>Painted Surfaces, Extent : Light, Area Affected : 100%</i>								
<i>Location : Street Facade</i>								
Metal Sect. OHD	5%	Now	\$47,800	2036	**	5	\$10,500	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Street Facade</i>								
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Street Facade</i>								
<i>Explanation : Broken Missing Elements</i>								
Metal: Cage/Fence	15%	Now	\$195,200	2051	**	5	\$44,200	
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Street Facade</i>								
<i>Deteriorated Finish, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Street Facade</i>								
<b>Windows</b>								
Steel	5%	Now	\$84,200	2056	**	5	\$12,000	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Ticket Office</i>								
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Ticket Office</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Ticket Office</i>								
<i>Explanation : Welded And Screwed Closed</i>								
No Component	95%							
<b>Parapets</b>								
Cast in Place Concrete	75%	Now	\$122,400	LIFE	**	5	\$144,100	
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Vertical Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal: Cage/Fence	25%	Now	\$21,700	2036	**	5	\$15,000	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade, South Facade</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Facade, South Facade</i>								
<b>Roof</b>								
Cast in Place Concrete	100%	Now	\$85,200	LIFE	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Top Ramp</i>								
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Exterior Ramps Up Top</i>								
<i>Recent Repair Evident, Extent : N/A, Area Affected : 25%</i>								
<i>Location : Top Ramp, Expansion Joint</i>								

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

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Asphalt Poured	98%	Now	\$83,200	2036	**	5	\$28,800	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Uneven Surface, Extent : Severe, Area Affected : 35%</i>								
<i>Location : Throughout</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
Ceramic Tile	2%			2040	**	5	\$2,300	
<b>Interior Walls</b>								
Cast in Place Concrete	75%			LIFE	**			
<i>Vertical Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Concrete Masonry Unit	23%			LIFE	**	5	\$17,500	
Glass: Single Pane	2%			LIFE	**	5	\$2,900	
<b>Ceilings</b>								
AcousTileSusp.Lay-In	2%			2036	**	5	\$2,200	
Exposed Struc: Concrete	98%	Now	\$312,300	LIFE	**	5	\$16,700	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Ground Floor Ceiling</i>								
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%			2044	**			
<b>On-Site Walkways</b>								
Cast in Place Concrete	100%			2036	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Molded Case Bkrs	100%			2031	\$63,500	5	\$2,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1,200 Ampere Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2031	\$63,500	5	\$2,100	
<b>Raceway</b>								
Conduit	100%			2031	\$10,800	1		
<b>Panelboards</b>								
Fused Disc Sw	2%			2030	\$800	5		
Molded Case Bkrs	98%			2030	\$38,200	5	\$2,000	
<b>Wiring</b>								
Thermoplastic	100%			2031	\$22,100	1		

**Ground**

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

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

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

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Ground</b>								
Grounding Devices Generic	100%			LIFE	**	5	\$1,200	
<b>Lighting</b>								
Interior Lighting HID	100%			2026	\$909,100	10	\$2,600	
Exterior Lighting HID	20%			2026	\$71,600	10		
No Component	80%							
<b>Alarm</b>								
Security System No Component	90%							
Generic	10%			2026	\$14,400	1	\$2,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Entry And Exit Point</i>								
<i>Explanation : CCTV Surveillance Camera System Is Functional</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Electricity	100%			2041	**	1		
Conversion Equipment Radiant Heater	5%			2026	\$99,900	2	\$1,800	
No Component	95%							
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2039	**	1		
Conversion Equipment Window/Wall Unit	5%			2024	\$14,500	1		
No Component	95%							
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	5%			2041	**	1		
No Component	95%							
Water Heater With Tanks Electric	5%			2024	\$1,200	4		
<i>Corroded, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Bathroom First Floor. May Fail Any Moment</i>								
No Component	95%							
<b>Sanitary Piping</b>								
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  
 JEROME - GUN HILL ROAD GARAGE  
 Asset # : 14317**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Plumbing								
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
		<i>Corroded, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : 1st Floor.</i>						
Fixtures								
Generic	100%							

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 03-Dec-2020 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2,3,4  
**Block** : 3189 **Lot** : 9 **BIN** : 2014125

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$91,600	\$132,600
Interior Architecture	\$1,193,600	\$146,900
Electrical		\$284,200
Mechanical	\$282,000	\$672,400
Site Enclosure		\$160,600
<b>Total</b>	<b>\$1,567,200</b>	<b>\$1,396,600</b>
Importance Code A	\$281,600	\$132,600
Importance Code B	\$1,285,600	\$1,103,500
Importance Code C		\$160,600
<b>Total</b>	<b>\$1,567,200</b>	<b>\$1,396,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$77,600			\$12,500
Interior Architecture	\$37,900			\$800
Electrical	\$3,600	\$4,700	\$5,400	\$11,400
Mechanical	\$13,100	\$3,900	\$5,800	\$50,700
Site Enclosure	\$1,300			
Elevators/Escalators	\$13,800	\$13,800	\$13,800	\$13,800
<b>Total</b>	<b>\$147,300</b>	<b>\$22,400</b>	<b>\$25,100</b>	<b>\$89,200</b>
Importance Code A	\$77,600	\$700		\$13,500
Importance Code B	\$49,100	\$21,700	\$25,100	\$75,700
Importance Code C	\$20,700			
<b>Total</b>	<b>\$147,300</b>	<b>\$22,400</b>	<b>\$25,100</b>	<b>\$89,200</b>



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

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	5%	0-2	\$17,200	LIFE	**	5	\$29,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	17%	0-2	\$32,200	LIFE	**	5	\$20,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	60%	Now	\$91,600	2042	**	5	\$132,600	
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 7th Floor Bulkhead. At Base Of Wall</i>								
<i>Deformed/Dented, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Front Facade Above Car Entry And Exit</i>								
Metal Sect. OHD	5%			2037	**	5	\$18,400	
Granite Panels	10%			LIFE	**	5	\$8,800	
Pre-Cast Concrete	3%			LIFE	**	5	\$11,500	
<b>Windows</b>								
Steel	20%	Now	\$17,600	2057	**	5	\$7,500	
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Stairs, 1st Floor Spaces And Bulkhead</i>								
<i>Thermally Inefficient, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Stairs And Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : At Grade</i>								
<i>Explanation : Protective Metal Grilles</i>								
No Component	80%							
<b>Parapets</b>								
Cast in Place Concrete	40%	Now	\$7,300	LIFE	**	5	\$8,500	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : 1st Floor At Column E6, 7th Floor Roof Deck Walls</i>								
Masonry: Brick	10%			LIFE	**	5	\$200	
Metal Panel	45%			2042	**	5	\$3,600	
Metal Rail	5%			2037	**	5-10	\$1,900	
<b>Roof</b>								
Asphalt Macadam	95%	0-2	\$3,300	2037	**	5	\$1,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Drains Inad/Misposn, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Parking Spaces 401 And 403. 7th Floor Deck</i>								
<i>Water Penetration, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Metal Panel	5%			2037	**	10	\$300	

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Interior								
Floors								
Asphalt Macadam	88%	0-2	\$360,100	2045	**	5	\$73,700	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At Floor Drains And Water Drain Lines. Levels 1, 2, 2.5, 3 And Grid Columns C5, D3</i>								
<i>Explanation : Ponding, Erosion, Heaving</i>								
Cast in Place Concrete	10%	0-2	\$55,600	LIFE	**	5	\$73,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : 1st Level</i>								
Vinyl Tile	1%	Now	\$18,100	2042	**	3	\$1,300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Vinyl Tile	1%			2042	**	3	\$1,700	
Interior Walls								
Cast in Place Concrete	50%			LIFE	**			
Concrete Masonry Unit	25%			LIFE	**	5	\$11,000	
Masonry: Brick	15%			LIFE	**			
SGFT/Glazed Masonry	10%	0-2	\$19,400	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout First Floor Offices</i>								
Ceilings								
Exposed Struc: Concrete	95%	Now	\$777,800	LIFE	**	5	\$33,200	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Level 1</i>								
<i>Diagonal Cracks, Extent : Severe, Area Affected : 3%</i>								
<i>Location : Grid D3 Beam</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Various Locations Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Level 6.5 At Spots 335 Through 337 And Level 6 Spots 330, 313</i>								
Gypsum Board	5%			LIFE	**	5	\$14,000	
Site Enclosure								
Fence/Gates								
Chain Link	100%			2042	**			
Free Standing Walls								
Cast in Place Concrete	50%	Now	\$1,300	2052	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : West Wall. Rear Yard</i>								
Masonry: Fieldstone	50%			2032	\$160,600			
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2045	**			
Parking/Driveway								
Cast in Place Concrete	100%			2037	**			

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

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

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

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

Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2032	\$14,700	5	\$600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room Next To Main Office</i>								
<i>Explanation : One 600 Ampere Main Disconnect Switch</i>								
Switchgear / Switchboard								
Molded Case Bkrs	100%			2032	\$95,300	5	\$3,900	
Raceway								
Conduit	90%			2032	\$15,600	1		
Conduit	10%			2042	**	1		
Panelboards								
Molded Case Bkrs	10%			2040	**	5	\$400	
Molded Case Bkrs	90%			2031	\$52,600	5	\$3,500	
Wiring								
Thermoplastic	90%			2032	\$31,800	1		
Thermoplastic	10%			2042	**	1		
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$2,200	
Lighting								
Interior Lighting								
Fluorescent	4%			2037	**	10	\$5,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Offices And Bathroom</i>								
LED	96%			2042	**			
Egress Lighting								
Exit, Service	50%			2037	**	1		
No Component	50%							
Exterior Lighting								
HID	20%			2032	\$136,300	10	\$100	
No Component	80%							
Alarm								
Security System								
No Component	80%							
Generic	20%			2037	**	1	\$11,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Driveway Area</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
Fire/Smoke Detection								
No Component	70%							
Generic, Digital	30%			2037	**	1-3	\$27,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Elevator Area Throughout The Building</i>								
<i>Explanation : Smoke Detector, Strobe Lights, Alarm Bells, Manual Pull Station And Fire Alarm Panel</i>								

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

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Heating</b>								
Energy Source								
Electricity	100%			2042	**	1		
Conversion Equipment								
Radiant Heater	5%			2027	\$190,000	2	\$3,500	
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Office And Restrooms</i>					
			<i>Explanation : 6 Units</i>					
No Component	95%							
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2040	**	1		
Conversion Equipment								
Window/Wall Unit	5%			2027	\$27,700	1		
No Component	95%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	2%			LIFE	**	2-5	\$1,700	
No Component	98%							
Exhaust Fans								
Interior	3%			2032	\$19,400	2	\$100	
No Component	97%							
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	5%			2042	**	1		
No Component	95%							
Water Heater With Tanks								
Electric	3%			2030	\$700	4		
			<i>Other Observation, Extent : N/A, Area Affected : 3%</i>					
			<i>Location : Staff Restroom</i>					
			<i>Explanation : 1 Unit</i>					
Electric	2%			2025	\$500	4		
			<i>Other Observation, Extent : N/A, Area Affected : 2%</i>					
			<i>Location : Public Mens Room</i>					
			<i>Explanation : 1 Unit</i>					
No Component	95%							
Sanitary Piping								
Cast Iron	100%	Now	\$92,000	LIFE	**	1		
			<i>Other Observation, Extent : Severe, Area Affected : 10%</i>					
			<i>Location : D3 On Level 1, Level 2 1 To 2, Level 3 1 To 2, C5 On Level 2</i>					
			<i>Explanation : Corroded, Cracked And Clogged</i>					
Storm Drain Piping								
Cast Iron	100%	Now	\$10,300	LIFE	**	1		
			<i>Broken, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Broken Storm Drain Piping On Level 3</i>					
Fixtures								
Generic	100%							
<b>Vertical Transport</b>								

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

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

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

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Vertical Transport	Elevators							
	Geared Traction	100%			LIFE		**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 1st To 6th Floor, Roof</i>					
			<i>Explanation : 2 Units</i>					
Fire Suppression	Standpipe							
	Generic	100%			2032	\$672,400	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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$255,500	
Interior Architecture	\$51,200	\$112,200
Electrical		\$96,100
Site Pavements		\$1,131,400
<b>Total</b>	<b>\$306,800</b>	<b>\$1,339,700</b>
Importance Code A	\$255,500	
Importance Code B		\$208,300
Importance Code C	\$51,200	\$1,131,400
<b>Total</b>	<b>\$306,800</b>	<b>\$1,339,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$96,700	\$1,200		\$28,200
Interior Architecture	\$79,800			\$500
Electrical	\$200	\$300	\$200	\$200
Mechanical	\$1,000	\$54,400	\$1,600	\$1,000
Site Enclosure	\$33,500			
Site Pavements	\$22,600			
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$237,700</b>	<b>\$59,800</b>	<b>\$5,700</b>	<b>\$33,800</b>
Importance Code A	\$97,000	\$1,800	\$300	\$28,800
Importance Code B	\$12,800	\$57,900	\$5,300	\$5,000
Importance Code C	\$127,900			
<b>Total</b>	<b>\$237,700</b>	<b>\$59,800</b>	<b>\$5,700</b>	<b>\$33,800</b>



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

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	20%	4+	\$21,500	LIFE	**	5	\$36,700	
<i>Horizontal Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Southeast Facade</i>								
Cast Stone/Terra Cotta	10%			LIFE	**	5	\$28,700	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : East Facade</i>								
Exposed Struc: Steel	5%	0-2	\$78,300	LIFE	**	5	\$5,700	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout Metal Stairs</i>								
Masonry: Brick	60%	Now	\$177,300	LIFE	**	5	\$22,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : East Facade</i>								
<i>Spalling, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : Southeast And East Facade</i>								
<i>Vertical Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Southeast And East Facade</i>								
Metal Panel	5%	Now	\$2,400	2050	**	5	\$3,400	
<i>Deformed/Dented, Extent : Severe, Area Affected : 15%</i>								
<i>Location : South Facade</i>								
Windows								
Aluminum	100%	Now	\$16,700	2038	**	5	\$1,800	
<i>Ctrwt/Balnc Not Funct, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Roof								
Built-Up (BUR)	10%	Now	\$21,100	2040	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Roof</i>								
Metal Panel	7%	Now	\$18,400	2047	**			
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 5%</i>								
<i>Location : South And North Facades</i>								
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Metal Panel	83%			2047	**	10	\$28,200	
Soffits								
Metal, Corrugated	75%	Now	\$16,600	2040	**	1		
<i>Corrosion/Rusting, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout Canopies</i>								
Metal Panel	25%			2050	**	5-10	\$4,400	
Interior								

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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**  
**KENT AVENUE BRIDGE COMPLEX GARAGE 1 AND 1A**  
**Asset # : 551**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	75%			LIFE	**	5	\$34,100	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Throughout</i>							
	<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
Ceramic Tile	5%			2039	**	5	\$1,000	
Vinyl Tile	4%	Now	\$2,200	2030	\$22,400	3	\$300	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Kitchens</i>							
Vinyl Tile	16%			2030	\$89,700	3	\$1,700	
<b>Interior Walls</b>								
Cast in Place Concrete	10%	2-4	\$31,900	LIFE	**			
	<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : East Building First Floor</i>							
	<i>Vertical Cracks, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : East Building First Floor</i>							
Concrete Masonry Unit	65%	2-4	\$51,200	LIFE	**	5	\$11,200	
	<i>Horizontal Cracks, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : Stairwell</i>							
Masonry: Brick	25%	2-4	\$39,900	LIFE	**			
	<i>Horizontal Cracks, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : East Building</i>							
	<i>Vertical Cracks, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : East Building</i>							
<b>Ceilings</b>								
Exposed Struc: Concrete	10%	0-2	\$4,800	LIFE	**	5	\$300	
	<i>Paint Peeling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : East Building First Floor</i>							
Exposed Struc: Steel	10%			LIFE	**			
Exposed Struc: Wood	10%			LIFE	**			
Gypsum Board	70%			LIFE	**	5	\$14,400	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Iron Picket	100%	0-2	\$500	2050	**			
	<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Impact Damage, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : East Facade</i>							
<b>Free Standing Walls</b>								
Masonry: Brick	100%	Now	\$33,000	2040	**			
	<i>Cracking/Crumbling, Extent : Severe, Area Affected : 2%</i>							
	<i>Location : West Walls</i>							

**Site Pavements**

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
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	\$22,600	2033	\$1,131,400			
			<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2040	**	5	\$100	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 2nd Floor Electrical Shop</i>					
			<i>Explanation : 400 Ampere Main Switch Observed</i>					
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	\$200	
Lighting								
Interior Lighting								
Fluorescent	100%			2030	\$96,100	10	\$12,700	
			<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 95%</i>					
			<i>Location : Throughout</i>					
			<i>T-12 Lamps And Fixtures, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Boiler Room</i>					
Egress Lighting								
Emergency, Battery	50%			2030	\$11,400	10	\$1,700	
Exit, Battery	50%			2030	\$7,800	10	\$500	

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Lighting</b>								
Exterior Lighting HID	50%			2030	\$31,600	10		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Exterior</i>								
<i>Explanation : Operated Via Photocell</i>								
No Component	50%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2030	\$7,600	1	\$1,600	
<b>Fire/Smoke Detection</b>								
No Component	30%							
Under Construction	70%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : System Being Replaced</i>								
<b>Mechanical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>								
<b>Energy Source</b>								
Electricity	20%			2040	**	1		
Natural Gas	80%			2040	**	1		
<b>Conversion Equipment</b>								
Hot Water Boiler	50%			2043	**	1	\$3,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Building Closer To Water</i>								
<i>Explanation : Serves That Building Only</i>								
Radiant Heater	20%			2035	**	2	\$1,300	
No Component	30%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Building Closer To Street</i>								
<i>Explanation : Served By Steam Boiler Located In Adjacent Building</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	80%			2038	**	4	\$500	
Steam Piping/Pump	20%			2040	**			
<b>Terminal Devices</b>								
Convactor/Radiator	10%			2035	**	1	\$500	
Unit Heater - Hot Water	50%			2030	\$28,100			
Unit Heater - Steam	40%			2030	\$21,600	4	\$500	
<b>Air Conditioning</b>								
<b>Energy Source</b>								
Electricity	100%			2046	**	1		

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

Mechanical System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Air Conditioning</b>							
Conversion Equipment							
Window/Wall Unit	60%		2025	\$30,800	1		
No Component	40%						
<b>Ventilation</b>							
Exhaust Fans							
Roof	10%		2025	\$2,600	2		
Wall Unit	40%		2030	\$2,300	2	\$200	
No Component	50%						
<b>Plumbing</b>							
H/C Water Piping							
Brass/Copper	100%		2050	**	1		
Water Heater With Tanks							
Electric	50%		2025	\$11,500	4		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
			<i>Location : Building Closer To Street On 1st Floor</i>				
			<i>Explanation : 30 Gallon</i>				
Gas Fired	50%		2025	\$8,300	2		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
			<i>Location : 1st Floor Of Building Closer To Water</i>				
			<i>Explanation : 100 Gallon</i>				
Sanitary Piping							
Cast Iron	100%		LIFE	**	1		
Backflow Preventer							
Generic	100%		2035	**	1	\$900	
Fixtures							
Generic	100%						
<b>Vertical Transport</b>							
Elevators							
Hydraulic	100%		LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
			<i>Location : 1st To 3rd Floor</i>				
			<i>Explanation : One Unit</i>				
<b>Fire Suppression</b>							
Sprinkler							
Generic	100%		2050	**	1-2	\$3,900	

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : KENT AVENUE BRIDGE COMPLEX IRON WORKSHOP  
**Address** : 372 KENT AVENUE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0095.010 / 552 **Yr Built/Renovated** : 1930 /  
**Area Sq Ft** : 13,494 **Project Type** : HIGHWAYS  
**Date of Survey** : 01-Apr-2019 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1,2  
**Block** : 2453 **Lot** : 1 **BIN** :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$253,500	
Electrical	\$93,400	
<b>Total</b>	<b>\$346,900</b>	
Importance Code A	\$253,500	
Importance Code B	\$93,400	
<b>Total</b>	<b>\$346,900</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$32,400		\$3,600	
Interior Architecture	\$15,000		\$200	
Electrical	\$4,900	\$12,400		
Mechanical	\$23,900	\$10,400	\$800	\$900
Site Pavements	\$4,900			
<b>Total</b>	<b>\$81,000</b>	<b>\$22,800</b>	<b>\$4,500</b>	<b>\$900</b>
Importance Code A	\$32,400		\$3,600	
Importance Code B	\$46,400	\$22,800	\$900	\$900
Importance Code C	\$2,200			
<b>Total</b>	<b>\$81,000</b>	<b>\$22,800</b>	<b>\$4,500</b>	<b>\$900</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**KENT AVENUE BRIDGE COMPLEX IRON WORKSHOP**  
**Asset # : 552**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Cast in Place Concrete	3%	Now	\$9,800	LIFE	**	5	\$4,200	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 1%</i>								
<i>Location : North Facade</i>								
Cast Stone/Terra Cotta	10%	Now	\$87,000	LIFE	**	5	\$21,900	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 3%</i>								
<i>Location : South Facade</i>								
Exposed Struc: Steel	3%	2-4	\$3,600	LIFE	**	5	\$2,600	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : East Stair</i>								
Masonry: Brick	74%	Now	\$166,500	LIFE	**	5	\$20,700	
<i>Diagonal Cracks, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Northwest Facade</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Staining/Discoloring, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : East Facade</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Metal Coiling Doors	10%			2043	**	5	\$8,700	
Windows								
Aluminum	100%			2046	**	5	\$7,100	
Parapets								
Not Accessible	100%							
Roof								
Metal Panel	100%	Now	\$19,000	2047	**			
<i>Gut/DS Non Func/Miss, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Roof</i>								
Soffits								
Metal Panel	100%			2050	**	5-10		
Interior								
Floors								
Cast in Place Concrete	65%			LIFE	**	5	\$28,700	
Ceramic Tile	3%			2039	**	5	\$600	
Vinyl Tile	7%			2035	**	3	\$500	
Wood	25%	2-4	\$14,700	2045	**	5	\$4,700	
<i>Worn/Eroded, Extent : Light, Area Affected : 100%</i>								
<i>Location : Second Floor Woodshop</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**KENT AVENUE BRIDGE COMPLEX IRON WORKSHOP**  
**Asset # : 552**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Interior Walls</b>								
Cast in Place Concrete	10%			LIFE	**			
Concrete Masonry Unit	20%			LIFE	**	5	\$2,300	
Gypsum Board	5%			LIFE	**	5	\$900	
Masonry: Brick	65%			LIFE	**			
<b>Ceilings</b>								
AcousTileSusp.Lay-In	10%			2043	**	5	\$1,400	
Exposed Struc: Concrete	50%			LIFE	**	5	\$1,100	
<i>Paint Peeling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : First Floor</i>								
Exposed Struc: Steel	30%			LIFE	**			
Exposed Struc: Wood	5%			LIFE	**			
Gypsum Board	5%			LIFE	**	5	\$900	
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%	0-2	\$2,600	2035	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Northwest Sidewalk</i>								
<b>Parking/Driveway</b>								
Asphalt	100%	0-2	\$2,200	2033	\$44,900			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<b>Electrical</b>								
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Under 600 Volts</b>								
<b>Raceway</b>								
Conduit	100%			2040	**	1		
<b>Panelboards</b>								
Fused Knife Sw	50%	4+	\$4,900	2055	**	5	\$100	
<i>On Extended Life, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Near Entry Doorway</i>								
Molded Case Bkrs	50%			2038	**	5	\$200	
<b>Wiring</b>								
Thermoplastic	100%			2040	**	1		
<b>Motor Controllers</b>								
Locally Mounted	100%			2028	\$22,400	5	\$100	
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	100%			2025	\$93,400	10	\$12,400	
<b>Exterior Lighting</b>								
Under Construction	100%							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**KENT AVENUE BRIDGE COMPLEX IRON WORKSHOP**  
**Asset # : 552**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Heating</b>									
Energy Source									
	Electricity	10%			2040	* *	1		
	No Component	90%							
Distribution									
	Steam Piping/Pump	100%			2040	* *			
Terminal Devices									
	Convactor/Radiator	20%			2035	* *	1	\$900	
	Unit Heater - Steam	80%			2035	* *	4	\$1,000	
<b>Air Conditioning</b>									
Energy Source									
	Electricity	100%			2038	* *	1		
Conversion Equipment									
	Window/Wall Unit	20%			2025	\$10,000	1		
	No Component	80%							
<b>Ventilation</b>									
Exhaust Fans									
	Wall Unit	100%			2030	\$5,700	2	\$400	
<b>Plumbing</b>									
H/C Water Piping									
	Brass/Copper	100%			2040	* *	1		
Water Heater With Tanks									
	Electric	100%			2024	\$23,100	4		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
	<i>Location : 2nd Floor Bathroom Closet</i>								
	<i>Explanation : 40 Gallons</i>								
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%							
<b>Fire Suppression</b>									
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$76,500	
Interior Architecture	\$123,100	
<b>Total</b>	<b>\$199,600</b>	
Importance Code A	\$76,500	
Importance Code B	\$123,100	
<b>Total</b>	<b>\$199,600</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture				
Interior Architecture	\$31,700	\$300		
Electrical		\$17,600		
Mechanical	\$200	\$700	\$200	\$200
Site Enclosure	\$5,900			
<b>Total</b>	<b>\$37,800</b>	<b>\$18,600</b>	<b>\$200</b>	<b>\$200</b>
Importance Code A	\$200	\$200	\$200	\$200
Importance Code B		\$18,400		
Importance Code C	\$37,500			
<b>Total</b>	<b>\$37,800</b>	<b>\$18,600</b>	<b>\$200</b>	<b>\$200</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**KENT AVENUE BRIDGE COMPLEX STORAGE AND BOILER ROOM**  
**Asset # : 553**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Masonry: Brick	55%	Now	\$76,500	LIFE	**	5	\$2,400	
<i>Diagonal Cracks, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : West Facade</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : West Facade</i>								
<i>Spalling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : West Facade</i>								
Masonry: Brick	45%			LIFE	**	5	\$1,900	
<b>Parapets</b>								
Cast Stone/Terra Cotta	30%			LIFE	**	5	\$2,200	
Masonry: Brick	70%			LIFE	**	5	\$700	
<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Facade</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Not Accessible</i>								
<b>Roof</b>								
Not Accessible	100%							
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	90%			LIFE	**	5	\$6,600	
Wood	10%			2045	**	5	\$600	
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Storage Room</i>								
<b>Interior Walls</b>								
Concrete Masonry Unit	10%	0-2	\$500	LIFE	**	5	\$100	
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : West Wall</i>								
Masonry: Brick	21%	Now	\$23,100	LIFE	**			
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Gymnasium</i>								
<i>Paint Peeling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Gymnasium</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Gymnasium</i>								
Masonry: Brick	39%			LIFE	**			
Masonry: Fieldstone	30%	Now	\$8,000	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Boiler Room</i>								
<i>Explanation : Water Penetration</i>								

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**KENT AVENUE BRIDGE COMPLEX STORAGE AND BOILER ROOM**  
**Asset # : 553**

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

## Interior

## Ceilings

Exposed Struc: Concrete    100%    Now    \$123,100    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    \$5,900    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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

## Under 600 Volts

## Service Equipment

Not Accessible    100%

## Switchgear / Switchboard

Not Accessible    100%

## Raceway

Conduit    100%    2040    \* \*    1

## Panelboards

Not Accessible    100%

## Wiring

Rubber    100%    2038    \* \*    1

## Lighting

## Interior Lighting

Fluorescent    100%    2025    \$15,600    10    \$2,100

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

## Heating

## Energy Source

Natural Gas    100%    2040    \* \*    1

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**DEPARTMENT OF TRANSPORTATION - 841**  
**KENT AVENUE BRIDGE COMPLEX STORAGE AND BOILER ROOM**  
**Asset # : 553**

Mechanical	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating							
Conversion Equipment Radiant Heater	10%		2030	\$5,700	2	\$100	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
	<i>Location : Boiler Room</i>						
	<i>Explanation : Electric Unit Heater</i>						
Steam Boiler	90%		2043	**	1	\$2,000	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
	<i>Location : Boiler Room</i>						
	<i>Explanation : Serves The Iron Workshop Building And The Carpenters Workshop Building</i>						
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	\$400	4	\$100	
Backflow Preventer							
Generic	100%		2035	**	1	\$100	

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 14-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 2675 **Lot** : 15 **BIN** : 4059838

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$2,477,600	\$55,700
Interior Architecture	\$1,739,500	\$658,300
Electrical	\$270,600	\$333,900
Mechanical	\$962,700	\$2,883,900
<b>Total</b>	<b>\$5,450,300</b>	<b>\$3,931,900</b>
Importance Code A	\$2,545,500	\$55,700
Importance Code B	\$2,664,500	\$3,876,100
Importance Code C	\$240,300	
<b>Total</b>	<b>\$5,450,300</b>	<b>\$3,931,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture			\$23,200	
Interior Architecture	\$110,600		\$18,300	\$46,300
Electrical	\$12,600	\$3,600	\$34,500	\$1,700
Mechanical	\$22,700	\$16,600	\$96,700	\$18,000
Site Enclosure	\$34,200			
Site Pavements	\$20,600			
<b>Total</b>	<b>\$200,800</b>	<b>\$20,100</b>	<b>\$172,700</b>	<b>\$66,000</b>
Importance Code A	\$9,400	\$9,400	\$32,900	\$9,400
Importance Code B	\$85,100	\$10,700	\$139,800	\$56,600
Importance Code C	\$106,300			
<b>Total</b>	<b>\$200,800</b>	<b>\$20,100</b>	<b>\$172,700</b>	<b>\$66,000</b>



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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Cast in Place Concrete	5%			LIFE	**	5	\$37,200	
Concrete Masonry Unit	60%	0-2	\$93,400	LIFE	**	5	\$55,700	
<i>Vertical Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Vertical And Step Cracks At Southeast Walls</i>								
Masonry: Brick	25%	Now	\$298,800	LIFE	**	5	\$37,200	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Base Corners On 57th Road And 58th Avenue</i>								
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Rusting Masonry Supt, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : 58th Avenue</i>								
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout And Severe At Base Perimeter Of Exterior Walls</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 25%</i>								
<i>Location : North And South Facade Of East Wing</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 2%</i>								
<i>Location : At Stair Bulkheads And Southeast Corner Exterior Corner At 58th Avenue</i>								
Metal Coiling Doors	10%			2036	**	5	\$46,500	
Windows								
Steel	100%	Now	\$250,800	2056	**	5	\$35,600	1
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Glazing Broken/Cracked, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Thermally Inefficient, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Exterior</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Clerstory Windows Above South Bay And Stock Room</i>								
Roof								
Modified Bitumen	100%	Now	\$1,834,600	2041	**			1
<i>Blisters, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Side And Throughout</i>								
<i>Drains Inad/Misposn, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Ponding, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Seams Open/Split, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Above Shops, Offices And At Curbs Of Clerstory Windows</i>								
Interior								

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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**

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Floors								
Carpet	1%	2-4	\$7,900	2027	\$39,500	3	\$3,400	
<i>Worn/Eroded, Extent : Light, Area Affected : 60%</i>								
<i>Location : Second Floor Office</i>								
Cast in Place Concrete	70%	Now	\$265,800	LIFE	**	5	\$350,000	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Shops And At Overhead Doors To Street</i>								
Ceramic Tile	5%	Now	\$31,500	2034	**	5	\$5,700	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 3%</i>								
<i>Location : Second Floor Bathroom Floor And Base Tile</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Second Floor Bathrooms</i>								
Quarry Tile	4%			2036	**	5	\$13,700	
Vinyl Tile	5%	Now	\$6,200	2031	\$308,300	3	\$4,300	
<i>Adhesion Failure, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Vinyl Base Tile On First Floor</i>								
Vinyl Tile 9" X 9"	15%	Now	\$295,500	2041	**	3	\$12,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Second Floor Corridor, Offices And Lounge</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Second Floor Corridor, Offices And Lounge</i>								
<i>Worn/Eroded, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Second Floor Corridors, Offices And Lounge</i>								

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

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

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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Interior								
Interior Walls								
Ceramic Tile	5%	2-4	\$5,000	2040	**	5	\$2,300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : First Floor Bathrooms</i>								
Concrete Masonry Unit	65%	Now	\$111,600	LIFE	**	5	\$24,300	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Stairwell Bulkheads</i>								
<i>Patching Evident, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout Shops</i>								
<i>Vertical Cracks, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Vertical And Step Cracks Throughout Shops, Machine Shop And Heavy Duty Shop.</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Bulkheads</i>								
Concrete Masonry Unit	5%	Now	\$128,700	LIFE	**	5	\$1,900	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Wall Adjacent To Ramp At 58th Place Entrance</i>								
<i>Punct/Tear/Impact Damage, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Wall Adjacent To Ramp At 58th Place Entrance</i>								
Glass: Single Pane	5%			LIFE	**	5	\$3,500	
Gypsum Board	5%			LIFE	**	5	\$2,800	
Masonry: Brick	10%	Now	\$34,800	LIFE	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Mechanical Room On First Floor Below Office Area</i>								
<i>Horizontal Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Mechanical Room On First Floor Below Office Area</i>								
Metal Coiling Doors	5%			2039	**	5	\$23,400	
Ceilings								
AcousTileSusp.Lay-In	10%			2036	**	5	\$22,900	
Exposed Struc: Concrete	60%	Now	\$401,400	LIFE	**	5	\$21,400	
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Shops</i>								
Exposed Struc: Steel	20%	Now	\$536,500	LIFE	**			
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Shops</i>								
Plaster	10%	Now	\$13,600	LIFE	**	5	\$14,300	
<i>Water Penetration, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Administration Offices On Second Floor</i>								

## Site Enclosure

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Aluminum Rail	40%	Now	\$14,700	2036	**	5	\$13,000	
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Roof Railing</i>								
<i>Deteriorated Finish, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Roof Railing</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof</i>								
<i>Explanation : Railing</i>								
Chain Link	60%	2-4	\$19,500	2041	**			
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Rusted Gates And Fence Along 57th Road, Parking Fence From 59th Street Alley And Parking Area 58th Place</i>								
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%			2044	**			
<b>On-Site Walkways</b>								
Cast in Place Concrete	100%	0-2	\$3,200	2036	**			
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Walkways On 58th Place And 57th Road</i>								
<b>Parking/Driveway</b>								
Asphalt	50%	Now	\$17,400	2040	**			
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Lots Off Of 58th Place And 59th Street</i>								
<i>Potholes, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Lots Off Of 58th Place And 59th Street</i>								
Cast in Place Concrete	50%			2044	**			

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	25%			2031	\$3,700	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room 3</i>								
<i>Explanation : One 225 Ampere Main Disconnect Switch</i>								
Fused Disc Sw	25%			2031	\$3,700	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room 2</i>								
<i>Explanation : One 600 Ampere Main Disconnect Switch</i>								
Fused Disc Sw	50%			2031	\$7,400	5	\$200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room 1</i>								
<i>Explanation : One 3,000 Ampere Main Disconnect Switch</i>								

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

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

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

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Switchgear / Switchboard								
Fused Disc Sw	80%			2031	\$76,200	5	\$400	
Molded Case Bkrs	20%			2031	\$19,100	5	\$600	
Raceway								
Conduit	100%			2031	\$17,300	1		
Panelboards								
Fused Disc Sw	5%			2030	\$2,900	5	\$100	
Molded Case Bkrs	95%			2030	\$55,600	5	\$2,800	
Wiring								
Braided Cloth	30%	2-4	\$10,600	2056	**	1		
<i>Insulation Aged, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Thermoplastic	70%			2031	\$24,700	1		
Motor Controllers								
Locally Mounted	100%			2029	\$145,800	5	\$800	
<b>Ground</b>								
Grounding Devices								
Generic	100%			LIFE	**	5	\$1,600	
<b>Lighting</b>								
Interior Lighting								
Fluorescent	75%			2036	**	10	\$76,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : T-8 Lamps</i>								
Fluorescent	20%			2039	**	10	\$20,500	
<i>T-5 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : First Floor Driveway And Auto Repair Shop</i>								
LED	5%			2039	**			
Egress Lighting								
Emergency, Battery	50%			2026	\$91,700	10	\$13,500	
Exit, Service	50%			2026	\$18,500	1		
Exterior Lighting								
HID	20%			2026	\$101,900	10	\$100	
No Component	80%							
<b>Alarm</b>								
Security System								
No Component	90%							
Generic	10%			2031	\$20,500	1	\$4,200	
Fire/Smoke Detection								
No Component	80%							
Generic, Digital	20%			2031	\$56,400	1-3	\$13,800	

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

**Heating**

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**

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Heating								
Energy Source								
Natural Gas	25%			2041	**	1		
Interruptible Gas/Dual Fuel	75%	0-2	\$3,800	2041	**	1		
<i>Controller Not Working, Extent : Moderate, Area Affected : 2%</i> <i>Location : Auto Switch, Boiler Room</i>								
Conversion Equipment								
Furnace	20%			2026	\$68,000	1	\$11,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Roof</i> <i>Explanation : 2 Rooftop Package Units</i>								
Furnace	5%			2039	**	1	\$2,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Roof</i> <i>Explanation : 1 Rooftop Package Unit</i>								
Hot Water Boiler	5%			2048	**	1	\$2,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : 1st Floor Office Area</i> <i>Explanation : 1 Unit</i>								
Steam Boiler	70%			2036	**	1	\$77,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : 1st Floor Boiler Room</i> <i>Explanation : 2 Units</i>								
Distribution								
Hot Wtr Piping/Pump	5%			2053	**	4	\$400	
Steam Piping/Pump	70%			2031	\$612,300			
No Component	25%							
Terminal Devices								
Air Handler	35%	0-2	\$431,700	2041	**	1	\$21,800	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i> <i>Location : Roof</i> <i>Explanation : 12 Condemned And Abandoned Units</i>								
Convactor/Radiator	10%			2036	**	1	\$3,600	
Unit Heater - Steam	30%			2039	**	4	\$3,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout 1st Floor</i> <i>Explanation : Replacement Is In Progress.</i>								
No Component	25%							
Air Conditioning								
Energy Source								
Electricity	100%			2039	**	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**  
**MASPETH CENTRAL SHOPS**  
**Asset # : 169**

Mechanical System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Conversion Equipment								
Ext Pkg Unit - Heating/Cooling	20%			2026	\$367,100	2	\$1,400	
	<i>R-22 Refrigerant, Extent : Light, Area Affected : 100%</i> <i>Location : 2 Rooftop Package Units. Roof</i>							
Ext Pkg Unit - Heating/Cooling	5%			2039	**	2	\$300	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : 1 Rooftop Package Unit. Roof</i> <i>Explanation : R-410a</i>							
Window/Wall Unit	10%			2026	\$41,400	1		
No Component	65%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%	0-2	\$96,000	LIFE	**	2-5	\$62,400	
	<i>Needs Cleaning, Extent : Moderate, Area Affected : 100%</i> <i>Location : Throughout</i>							
Exhaust Fans								
Roof	30%	0-2	\$6,400	2031	\$63,600	2	\$800	
	<i>Not in Service, Extent : Severe, Area Affected : 10%</i> <i>Location : Roof</i>							
Roof	70%			2036	**	2	\$2,400	
Plumbing								
H/C Water Piping								
Brass/Copper	50%			2041	**	1		
Galvanized Steel	50%			2029	\$697,300	1		
Water Heater With Tanks								
Gas Fired	50%			2030	\$8,300	2		
Gas Fired	50%			2026	\$8,300	2		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Sump Pump(s)								
Non-Submersible	100%			2026	\$21,900	4	\$2,400	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler								
Generic	100%			2031	\$1,510,700	1-2	\$31,300	

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : QUEENS FAMILY COURT GARAGE  
**Address** : 150-07 ARCHER AVENUE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0207.000 / 14320 **Yr Built/Renovated** : 1990 /  
**Area Sq Ft** : 74,000 **Project Type** : HIGHWAYS  
**Date of Survey** : 04-Jan-2022 **Landmark Status** : NONE  
**Areas Surveyed** : Floors 1,2,3,6  
**Block** : 10092 **Lot** : 6 **BIN** : 4215603

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$57,800	
Interior Architecture	\$476,900	\$345,700
Electrical		\$919,300
Mechanical		\$67,600
<b>Total</b>	<b>\$534,700</b>	<b>\$1,332,500</b>
Importance Code A	\$57,800	
Importance Code B	\$476,900	\$1,332,500
<b>Total</b>	<b>\$534,700</b>	<b>\$1,332,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$44,900		\$21,900	
Interior Architecture	\$56,100			\$300
Electrical	\$2,800	\$2,800	\$3,700	\$2,800
Mechanical	\$1,100		\$7,100	
Site Pavements	\$19,200			
Elevators/Escalators	\$5,900	\$5,900	\$5,900	\$5,900
<b>Total</b>	<b>\$129,900</b>	<b>\$8,700</b>	<b>\$38,700</b>	<b>\$9,000</b>
Importance Code A	\$44,900		\$21,900	
Importance Code B	\$78,600	\$8,700	\$16,800	\$9,000
Importance Code C	\$6,500			
<b>Total</b>	<b>\$129,900</b>	<b>\$8,700</b>	<b>\$38,700</b>	<b>\$9,000</b>



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

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

<b>Architecture</b>		<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>		
<b>Exterior</b>									
<b>Exterior Walls</b>									
Cast in Place Concrete	20%			LIFE	**	5	\$57,200		
<i>Paint Peeling, Extent : Light, Area Affected : 10%</i>									
<i>Location : All Facades</i>									
Concrete Masonry Unit	20%			LIFE	**	5	\$7,100		
Exposed Struc: Steel	8%	4+	\$3,900	LIFE	**	5	\$7,100		
<i>Corrosion/Rusting, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout Interior Of Garage</i>									
Masonry: Brick	15%			LIFE	**	5	\$8,600		
Metal Panel	5%			2053	**	5-10	\$9,800		
Metal Sect. OHD	2%			2046	**	5	\$1,800		
Metal: Cage/Fence	25%			2046	**	5	\$31,300		
Window Wall	5%			2053	**	5	\$5,400		
<b>Parapets</b>									
Cast in Place Concrete	20%			LIFE	**	5	\$7,100		
Masonry: Brick	10%			LIFE	**	5-10	\$1,200		
Metal: Cage/Fence	70%			2046	**	5-10	\$9,300		
<b>Roof</b>									
Cast in Place Concrete	95%			LIFE	**	10	\$57,800		
Single Ply Membrane	5%			2038	**	10	\$1,800		
<b>Interior</b>									
<b>Floors</b>									
Asphalt Poured	21%	2-4	\$38,300	2046	**	5	\$5,300		
<i>Worn/Eroded, Extent : Moderate, Area Affected : 20%</i>									
<i>Location : Throughout</i>									
Cast in Place Concrete	75%	4+	\$313,900	LIFE	**	5	\$165,300		
<i>Horizontal Cracks, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>									
<i>Location : Throughout</i>									
Ceramic Tile	2%	Now	\$11,100	2036	**	5	\$1,000		
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 5%</i>									
<i>Location : Toilet Room</i>									
<i>Worn/Eroded, Extent : Moderate, Area Affected : 100%</i>									
<i>Location : Toilet Room</i>									
Vinyl Tile	2%			2033		3	\$1,000		
<b>Interior Walls</b>									
Cast in Place Concrete	25%	Now	\$3,600	LIFE	**				
<i>Horizontal Cracks, Extent : Light, Area Affected : 10%</i>									
<i>Location : Throughout</i>									
Concrete Masonry Unit	75%			LIFE	**	5	\$5,800		
<b>Ceilings</b>									
Metal Panel	100%	Now	\$163,000	LIFE	**	5	\$126,000		
<i>Corrosion/Rusting, Extent : Moderate, Area Affected : 10%</i>									
<i>Location : Throughout Garage Interior</i>									

**Site Pavements**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS FAMILY COURT GARAGE**  
**Asset # : 14320**

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	75%	4+	\$5,700	2046		**		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Sinking/Subsiding, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Side</i>								
Pavers/Stone	25%	0-2	\$13,400	2036		**		
<i>Sinking/Subsiding, Extent : Light, Area Affected : 10%</i>								
<i>Location : North Side</i>								
<b>Parking/Driveway</b>								
Cast in Place Concrete	100%			2046		**		

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
<b>Service Equipment</b>								
Fused Disc Sw	100%			2043		**	5	\$300
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Electrical Room Lower Level</i>								
<i>Explanation : One 800 Ampere Main Disconnect Switch</i>								
<b>Switchgear / Switchboard</b>								
Molded Case Bkrs	100%			2043		**	5	\$1,900
<b>Raceway</b>								
Conduit	100%			2043		**	1	
<b>Panelboards</b>								
Molded Case Bkrs	100%			2041		**	5	\$1,900
<b>Wiring</b>								
Thermoplastic	100%			2043		**	1	
<b>Lighting</b>								
<b>Interior Lighting</b>								
Fluorescent	10%			2033	\$46,600		10	\$6,200
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Office, Stairwells And Electrical Room</i>								
HID	90%			2033	\$700,800		10	\$2,000
<b>Egress Lighting</b>								
Emergency, Battery	75%			2033	\$82,800		10	\$12,200
Exit, Battery	25%			2033	\$19,000		10	\$1,100
<b>Exterior Lighting</b>								
HID	10%			2033	\$33,700		10	
No Component	90%							
<b>Alarm</b>								

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

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Ventilation								
Exhaust Fans								
Interior	2%			2028	\$5,800	2		
		<i>On Extended Life, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Level - Garage Restroom</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : 1st Level - Garage Restroom</i>						
		<i>Explanation : 1 Unit, Ceiling Mounted</i>						
Wall Unit	2%			2028	\$600	2		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Elevator Machine Room</i>						
		<i>Explanation : 1 Unit</i>						
No Component	96%							
Plumbing								
H/C Water Piping								
Brass/Copper	8%			2033	\$67,600	1		
No Component	92%							
Water Heater With Tanks								
Electric	8%			2026	\$1,800	4		
		<i>On Extended Life, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Level - Garage Restroom</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st Level - Garage Restroom</i>						
		<i>Explanation : 10 Gallons - 1 Unit, Quantity 1</i>						
No Component	92%							
Sanitary Piping								
Cast Iron	8%			LIFE	**	1		
No Component	92%							
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Fixtures								
No Component	92%							
Generic	8%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : 1st To 6th Floor</i>						
		<i>Explanation : 1 Unit</i>						
Fire Suppression								
Standpipe								
Generic	100%			2043	**	1-5	\$300	
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Dry Standpipe</i>						

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 23-Jun-2020 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 6 **Lot** : 21 **BIN** : 5151736

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$106,100	\$453,700
Interior Architecture	\$534,200	\$703,300
Electrical	\$340,900	
Mechanical	\$415,200	\$3,431,600
<b>Total</b>	<b>\$1,396,200</b>	<b>\$4,588,700</b>
Importance Code A	\$106,100	\$453,700
Importance Code B	\$1,290,200	\$4,134,900
<b>Total</b>	<b>\$1,396,200</b>	<b>\$4,588,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$25,800			
Interior Architecture	\$3,900	\$4,500		\$800
Electrical	\$11,900	\$4,200	\$55,600	\$7,900
Mechanical	\$25,100	\$7,100	\$67,500	\$11,200
Elevators/Escalators	\$9,900	\$9,900	\$9,900	\$9,900
<b>Total</b>	<b>\$76,500</b>	<b>\$25,600</b>	<b>\$132,900</b>	<b>\$29,900</b>
Importance Code A	\$38,200		\$12,900	
Importance Code B	\$38,200	\$24,500	\$120,000	\$29,900
Importance Code C		\$1,100		
<b>Total</b>	<b>\$76,500</b>	<b>\$25,600</b>	<b>\$132,900</b>	<b>\$29,900</b>



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

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

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

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Cast in Place Concrete	77%	4+	\$106,100	LIFE	**	5	\$453,700	
<i>Caulking Deteriorated, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : South Elevation</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : South Elevation</i>								
Masonry: Limestone	3%			LIFE	**	5	\$2,700	
Metal/Glass Curt Wall	10%			LIFE	**	5	\$22,100	
Metal: Cage/Fence	10%			2044	**	5	\$51,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Installed To Promote Vegetation Growth</i>								
<b>Windows</b>								
Aluminum	2%			2047	**	5		
No Component	98%							
<b>Parapets</b>								
Cast in Place Concrete	100%			LIFE	**	5	\$21,300	
<b>Roof</b>								
Cast in Place Concrete	100%			LIFE	**			
<b>Soffits</b>								
Glass: Special Gauge	100%			LIFE	**	1		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Elevation</i>								
<i>Explanation : Glass And Metal Entry Awning</i>								
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	96%	4+	\$534,200	LIFE	**	5	\$703,300	
<i>Water Penetration, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Mechanical Water Service Room</i>								
Ceramic Tile	2%			2040	**	5	\$6,700	
Vinyl Tile	2%			2036	**	3	\$3,300	
<b>Interior Walls</b>								
Cast in Place Concrete	80%			LIFE	**			
Ceramic Tile	2%			2040	**	5	\$2,200	
Concrete Masonry Unit	10%			LIFE	**	5	\$4,400	
Gypsum Board	2%			LIFE	**	5	\$1,300	
Metal: Cage/Fence	6%			LIFE	**			
<b>Ceilings</b>								
AcousTileSusp.Lay-In	2%			2044	**	5	\$6,100	
Exposed Struc: Concrete	98%			LIFE	**	5	\$46,400	
<b>Site Enclosure</b>								
<b>Fence/Gates</b>								
Chain Link	100%			2051	**			

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

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

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

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Site Enclosure								
Retaining Walls								
Cast in Place Concrete	100%			2066	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : East And West Elevations</i>								
<i>Explanation : These Are Actually Planters</i>								
Site Pavements								
Public Sidewalk								
Cast in Place Concrete	100%			2044	**			
On-Site Walkways								
Cast in Place Concrete	100%			2044	**			
Parking/Driveway								
Asphalt	100%			2040	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : South Side Of Property</i>								
<i>Explanation : This Is Actually An Outdoor Parking Area At Grade.</i>								
<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Under 600 Volts								
Service Equipment								
Fused Disc Sw	100%			2051	**	5	\$1,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : One 1,200 Ampere Main Disconnect Switch</i>								
Switchgear / Switchboard								
Fused Disc Sw	100%			2051	**	5	\$1,000	
Raceway								
Conduit	100%			2051	**	1		
Panelboards								
Fused Disc Sw	10%			2047	**	5	\$500	
Molded Case Bkrs	90%			2047	**	5	\$5,300	
Wiring								
Thermoplastic	100%			2051	**	1		
Motor Controllers								
Locally Mounted	100%			2044	**	5	\$1,500	
Ground								
Grounding Devices								
Generic	100%			LIFE	**	5	\$3,300	
Lighting								

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	10%			2036	**	10	\$20,500	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Office, Staircase, Mechanical Room And Electrical Room</i>								
HID	50%	Now	\$258,800	2036	**			
<i>Damaged Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
HID	40%			2036	**	10	\$2,900	
<b>Egress Lighting</b>								
Emergency, Battery	50%			2036	**	10	\$27,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Electrical Room 108</i>								
<i>Explanation : Emergency Battery Power Supplies - Lighting And Elevators</i>								
Exit, Service	50%	Now	\$3,700	2036	**	1		
<i>Damaged Fixtures, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Exterior Lighting</b>								
HID	20%	4+	\$4,100	2036	**			
<i>Outdr Lights On During Daytime, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Roof Lighting Controls Malfunction</i>								
No Component	80%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	80%							
Generic	20%	Now	\$82,000	2036	**	1	\$15,000	
<i>Cameras Damaged, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Fire/Smoke Detection</b>								
No Component	80%							
Generic, Digital	20%			2036	**	1-3	\$28,400	

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Energy Source Electricity	100%			2051	**	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**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
Conversion Equipment Radiant Heater	60%			2036	**	2	\$62,300	
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Garage Office And Restrooms</i>								
<i>Explanation : Electric Baseboard And Unit Heaters</i>								
No Component	40%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Noted Under Split Unit In Air Conditioning</i>								
Terminal Devices Fan Coil Unit/Heat	40%			2031	\$1,300,400	1	\$28,900	
No Component	60%							
<b>Air Conditioning</b>								
Energy Source Electricity	100%			2047	**	1		
Conversion Equipment Split Unit	40%	Now	\$415,200	2031	\$2,075,800			
<i>Malfunctioning, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Managers Office</i>								
No Component	60%							
<b>Ventilation</b>								
Distribution Ductwork/Diffusers	100%			LIFE	**	2-5	\$124,800	
Exhaust Fans Interior	100%			2036	**	2	\$6,900	
<b>Plumbing</b>								
H/C Water Piping Brass/Copper	100%			2051	**	1		
Water Heater With Tanks Not Accessible	100%							
Sanitary Piping Cast Iron	100%			LIFE	**	1		
Storm Drain Piping Cast Iron	100%			LIFE	**	1		
Fixtures Generic	100%							
<b>Vertical Transport</b>								
Elevators Hydraulic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Northeast Corner Of Garage</i>								
<i>Explanation : 2 Units</i>								
<b>Fire Suppression</b>								
Standpipe Generic	100%			2051	**	1-5	\$117,000	

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : STATEN ISLAND SIGN SHOP  
**Address** : 34 WAVE STREET BTWN BAY ST. - S.I. RAILWAY  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0219.000 / 14717 **Yr Built/Renovated** : 1951 /  
**Area Sq Ft** : 12,800 **Project Type** : HIGHWAYS  
**Date of Survey** : 07-Oct-2021 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1  
**Block** : 489 **Lot** : 48 **BIN** : 5013187

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$303,400	
Interior Architecture	\$1,763,700	
<b>Total</b>	<b>\$2,067,200</b>	
Importance Code A	\$303,400	
Importance Code B	\$1,681,500	
Importance Code C	\$82,200	
<b>Total</b>	<b>\$2,067,200</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$12,800		\$6,200	
Interior Architecture	\$4,600		\$700	\$100
Electrical	\$2,000	\$500	\$500	\$600
Mechanical	\$23,300	\$1,800	\$2,800	\$1,800
Site Pavements	\$14,600			
<b>Total</b>	<b>\$57,500</b>	<b>\$2,200</b>	<b>\$10,200</b>	<b>\$2,500</b>
Importance Code A	\$13,800	\$1,000	\$7,100	\$1,000
Importance Code B	\$41,300	\$1,300	\$3,100	\$1,600
Importance Code C	\$2,400			
<b>Total</b>	<b>\$57,500</b>	<b>\$2,200</b>	<b>\$10,200</b>	<b>\$2,500</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**STATEN ISLAND SIGN SHOP**  
**Asset # : 14717**

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	40%	Now	\$83,000	LIFE	**	5	\$9,900	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Masonry: Brick	50%	Now	\$159,300	LIFE	**	5	\$19,800	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Wave Street And Sand Street Facades</i>								
<i>Joint Mortar Miss/Erod, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Front Facade On Wave Street</i>								
<i>Painted Surfaces, Extent : Light, Area Affected : 75%</i>								
<i>Location : Facades</i>								
<i>Spalling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Wave Street</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Side Alley</i>								
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Wave Street Facade</i>								
<i>Explanation : Facade Appears To Be Pulling Away</i>								
Metal Coiling Doors	10%			2046	**	5	\$12,400	
Windows								
Aluminum	100%			2049	**	5	\$2,900	
Parapets								
Cast Stone/Terra Cotta	10%			LIFE	**	5-10	\$15,600	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Coping Stones Of Parapet Wall</i>								
<i>Explanation : Covered With Metal Panning</i>								
Masonry: Brick	90%	Now	\$61,200	LIFE	**	5	\$4,900	
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Joint Mortar Miss/Erod, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Front Facade</i>								
Roof								
Modified Bitumen	100%			2038	**	10	\$19,900	
Interior								
Floors								
Cast in Place Concrete	95%	0-2	\$335,300	LIFE	**	5	\$44,100	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
Quarry Tile	1%			2046	**	5	\$300	
Vinyl Tile	4%	0-2	\$2,300	2038	**	3	\$300	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Throughout</i>								

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

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

## Interior

## Interior Walls

Cast in Place Concrete	5%			LIFE	**	10	\$2,400
Concrete Masonry Unit	95%	Now	\$82,200	LIFE	**	5	\$7,200

*Cracking/Crumbling, Extent : Light, Area Affected : 10%*

*Location : Throughout*

*Vertical Cracks, Extent : Moderate, Area Affected : 10%*

*Location : Throughout*

## Ceilings

AcousTileSusp.Lay-In	5%			2046	**	5	\$1,100
Exposed Struc: Wood	95%	Now	\$1,346,300	LIFE	**		

*Split/Cracked, Extent : Severe, Area Affected : 10%*

*Location : Ceiling*

*Other Observation, Extent : Light, Area Affected : 5%*

*Location : Interior Of Building*

*Explanation : Wood Truss Failing Temp Repairs Of Bow String Truss*

## Site Enclosure

## Fence/Gates

Chain Link	100%			2053	**		
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## Site Pavements

## Public Sidewalk

Cast in Place Concrete	100%	Now	\$14,600	2046	**		
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*Cracking/Crumbling, Extent : Severe, Area Affected : 10%*

*Location : Sands Street*

## Parking/Driveway

Cast in Place Concrete	100%			2046	**		
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Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2033	\$3,700	5	\$100
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*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Garage*

*Explanation : Two 400 Ampere Main Disconnect Switches*

## Raceway

Conduit	100%			2033	\$4,300	1	
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## Panelboards

Fused Disc Sw	5%			2032	\$500	5	
Molded Case Bkrs	95%			2032	\$9,300	5	\$300

## Wiring

Thermoplastic	100%			2033	\$8,800	1	
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## Motor Controllers

Locally Mounted	100%			2031	\$22,400	5	\$100
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## Lighting

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

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

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

**Lighting**

## Interior Lighting

LED	100%			2041	**			
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## Egress Lighting

Emergency, Battery	50%			2028	\$10,500	10	\$1,500	
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Exit, Service	50%			2028	\$2,100	1		
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## Exterior Lighting

LED	100%			2041	**			
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**Alarm**

## Security System

Generic	100%			2041	**	1	\$4,800	
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Throughout The Building**Explanation : Intrusion System*

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

**Heating**

## Energy Source

Natural Gas	100%			2059	**	1		
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## Conversion Equipment

Furnace	50%			2038	**	1	\$3,200	
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Steam Boiler	50%			2050	**	1	\$6,300	
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## Distribution

Central Plant Steam Piping/Pmp	100%	0-2	\$17,600	2053	**	4	\$600	
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*Leak Evident, Extent : Moderate, Area Affected : 5%**Location : Leaking Steam Piping*

## Terminal Devices

Convactor/Radiator	80%			2046	**	1	\$3,300	
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Unit Heater - Steam	20%			2038	**	4	\$200	
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**Air Conditioning**

## Energy Source

Electricity	100%			2049	**	1		
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## Conversion Equipment

Window/Wall Unit	5%			2031	\$2,400	1		
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No Component	95%							
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**Ventilation**

## Distribution

Ductwork/Diffusers	100%			LIFE	**	2-5	\$11,300	
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## Exhaust Fans

Interior	100%			2038	**	2	\$400	
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**Plumbing**

## H/C Water Piping

Brass/Copper	100%			2053	**	1		
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**DEPARTMENT OF TRANSPORTATION - 841**  
**STATEN ISLAND SIGN SHOP**  
**Asset # : 14717**

<b>Mechanical</b>	<b>Current Repair</b>			<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Plumbing								
Water Heater With Tanks Gas Fired	100%			2031	\$16,700	2		
Sanitary Piping Cast Iron	100%			LIFE	* *	1		
Storm Drain Piping Not Accessible	100%							
Sump Pump(s) Non-Submersible	100%			2038	* *	4	\$300	
Fixtures								
Generic	100%							
Fire Suppression								
Sprinkler Generic	100%			2053	* *	1-2	\$3,600	

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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 2024 - 2027	FY 2028 - 2033
Electrical		\$63,000
Mechanical		\$79,600
<b>Total</b>		<b>\$142,500</b>
Importance Code B		\$142,500
<b>Total</b>		<b>\$142,500</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$34,100			
Interior Architecture	\$10,000	\$2,900	\$1,000	\$3,900
Electrical	\$2,100	\$28,000	\$2,000	\$2,100
Mechanical	\$13,200	\$4,200	\$9,300	\$3,400
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$63,400</b>	<b>\$39,100</b>	<b>\$16,200</b>	<b>\$13,300</b>
Importance Code A	\$35,300	\$1,300	\$1,300	\$1,200
Importance Code B	\$28,000	\$37,800	\$15,000	\$12,100
Importance Code C				
<b>Total</b>	<b>\$63,400</b>	<b>\$39,100</b>	<b>\$16,200</b>	<b>\$13,300</b>



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

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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Exterior								
Exterior Walls								
Concrete Masonry Unit	25%			LIFE	**	5		
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	\$34,100	2047	**			
<i>Gut/DS Non Func/Miss, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Offices North Side</i>								
<i>Water Penetration, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Offices On West Facade</i>								
Not Accessible	25%							
Soffits								
Aluminum Sunshades	5%			2043	**	10		
Metal Panel	95%			2056	**	5-10		
Interior								
Floors								
Carpet	15%			2031	\$100,300	3	\$8,700	
Cast in Place Concrete	55%			LIFE	**	5	\$46,500	
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	\$16,600	
Glass: Single Pane	15%			LIFE	**	5	\$9,300	
Gypsum Board	10%			LIFE	**	5	\$5,000	
Masonry: Brick	10%			LIFE	**			
SGFT/Glazed Masonry	5%			LIFE	**			
Ceilings								
AcousTileSusp.Lay-In	20%			2047	**	5	\$7,700	
Exposed Struc: Steel	40%			LIFE	**			
Metal Panel	40%	4+	\$10,000	LIFE	**	5	\$19,300	
<i>Water Penetration, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Offices At West Side</i>								
Site Enclosure								
Fence/Gates								
Chain Link	75%			2050	**			
<i>Other Observation, Extent : N/A, Area Affected : 75%</i>								
<i>Location : Perimeter</i>								
<i>Explanation : Actually Welded Wire Mesh</i>								
Iron Picket	25%			2065	**			

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

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

## 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

\* \*

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

## 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

30%

2043

\* \*

Drive

## Ground

Grounding Devices

Generic

100%

LIFE

\* \*

5

\$400

## Lighting

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

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
Interior Lighting Fluorescent	90%			2035	**	10	\$20,600	
<i>T-8 Lamps And Fixtures, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
Fluorescent	10%			2035	**	10	\$2,300	
<i>Compact Fluorescent Light, Extent : Light, Area Affected : 100%</i>								
<i>Location : Offices</i>								
<b>Egress Lighting</b>								
Emergency, Battery	50%			2035	**	10	\$3,000	
Exit, LED	50%			2058	**	1		
<b>Exterior Lighting</b>								
HID	30%			2035	**	10		
No Component	70%							
<b>Alarm</b>								
<b>Security System</b>								
No Component	70%							
Generic	30%			2030	\$13,800	1	\$2,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Garage And Outside Perimeter</i>								
<i>Explanation : CCTV Surveillance Cameras</i>								
<b>Fire/Smoke Detection</b>								
Generic, Digital	100%			2030	\$63,000	1-3	\$15,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout The Building</i>								
<i>Explanation : Strobe Lights, Manual Pull Stations, Alarm Bells, Smoke Detectors And Horns</i>								

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Heating</b>								
<b>Energy Source</b>								
Natural Gas	100%			2056	**	1		
<b>Conversion Equipment</b>								
Hot Water Boiler	100%			2043	**	1	\$12,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st Floor Boiler Room</i>								
<i>Explanation : 2 Units</i>								
<b>Distribution</b>								
Hot Wtr Piping/Pump	100%	0-2	\$2,700	2046	**	4	\$1,200	
<i>Malfunctioning, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Building Management System</i>								

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

Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Heating</b>								
Terminal Devices								
Air Handler	12%	0-2	\$2,800	2035	**	1	\$1,700	
<i>Not in Service, Extent : Severe, Area Affected : 5%</i>								
<i>Location : 1st Floor Lunch Area</i>								
Air Handler	48%			2035	**	1	\$7,400	
No Component	40%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Hot Water Heating Tubes Are Underground Surface Of The Shop Area.</i>								
<b>Air Conditioning</b>								
Energy Source								
Electricity	100%			2046	**	1		
Conversion Equipment								
Int Pkg Unit - Heating/Cooling	20%			2031	\$79,600	2	\$300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Office Area</i>								
<i>Explanation : R-407c Refrigerant</i>								
No Component	80%							
<b>Ventilation</b>								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$13,900	
Exhaust Fans								
Interior	100%			2035	**	2	\$800	
<b>Plumbing</b>								
H/C Water Piping								
Brass/Copper	100%			2050	**	1		
Water Heater With Tanks								
Gas Fired	100%			2028	\$16,700	2		
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%	0-2	\$4,300	LIFE	**	1		
<i>Blockage /Clogged, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Under Size Piping, West 88th Street Corner.</i>								
Fixtures								
Generic	100%							
<b>Vertical Transport</b>								
Elevators								
Hydraulic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st To 2nd Floor</i>								
<i>Explanation : 1 Unit</i>								
<b>Fire Suppression</b>								
Standpipe								
Generic	100%			2056	**	1-5	\$12,600	

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Fire Suppression	Sprinkler								
	Generic	100%			2050	**	1-2	\$7,000	
	Chemical System								
	Dry	1%			2025	\$800	1-3	\$700	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
			<i>Location : Gas Station</i>						
			<i>Explanation : 1 Set</i>						
	No Component	99%							

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 29-Oct-2020 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 3030 **Lot** : 6 **BIN** : 2011133

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Exterior Architecture	\$317,000	\$256,500
Interior Architecture	\$4,877,900	\$127,500
Electrical	\$542,600	\$63,500
Site Pavements	\$60,600	
<b>Total</b>	<b>\$5,798,100</b>	<b>\$447,500</b>
Importance Code A	\$317,000	\$256,500
Importance Code B	\$5,044,900	\$191,000
Importance Code C	\$436,200	
<b>Total</b>	<b>\$5,798,100</b>	<b>\$447,500</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Exterior Architecture	\$82,300			
Interior Architecture	\$43,500			\$1,000
Electrical	\$1,000	\$1,000	\$1,500	\$64,300
Mechanical	\$7,300	\$6,500	\$7,800	\$29,900
Elevators/Escalators	\$3,900	\$3,900	\$3,900	\$3,900
<b>Total</b>	<b>\$138,100</b>	<b>\$11,500</b>	<b>\$13,200</b>	<b>\$99,200</b>
Importance Code A	\$85,800	\$2,200	\$1,100	\$2,300
Importance Code B	\$42,500	\$9,300	\$12,000	\$96,800
Importance Code C	\$9,800			
<b>Total</b>	<b>\$138,100</b>	<b>\$11,500</b>	<b>\$13,200</b>	<b>\$99,200</b>



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

Architecture		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Exterior								
Exterior Walls								
Concrete Masonry Unit	65%			LIFE	**	5	\$27,400	
Glass Block	5%	Now	\$6,700	LIFE	**	5	\$2,100	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Main Garage</i>								
Metal Panel	15%	Now	\$13,100	2052	**	5	\$19,000	
<i>Deformed/Dented, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Garage Entry Area</i>								
Metal Coiling Doors	10%	Now	\$35,200	2045	**	5	\$10,600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Dented Near Bottom</i>								
Pre-Cast Concrete	5%			LIFE	**	5	\$11,000	
Windows								
Fiberglass Panel	90%	Now	\$10,900	2048	**	5	\$9,500	
<i>Water Penetration, Extent : Light, Area Affected : 5%</i>								
<i>Location : Over Main Shop</i>								
Metal Louvers	10%			2041	**	10	\$3,500	
Parapets								
Concrete Masonry Unit	20%			LIFE	**	5	\$2,400	
Masonry: Brick	25%	Now	\$16,400	LIFE	**	5	\$2,700	
<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>								
<i>Location : Along Flashing</i>								
Metal Security Bars	30%			2060	**			
Pre-Cast Concrete	25%			LIFE	**	5	\$16,700	
Roof								
Built-Up (BUR)	35%	Now	\$128,200	2032	\$256,500			
<i>Alligatoring, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Roof Above Second Floor</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Metal Panel	55%	Now	\$100,500	2045	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Fascia At North Side</i>								
<i>Miss/Damaged Flashings, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Skylight, Metal/Glass	10%	Now	\$88,200	2052	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Over Stair</i>								

## Interior

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

<b>Architecture</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	85%	Now	\$96,800	LIFE	**	5	\$127,500	
<i>Water Penetration, Extent : Light, Area Affected : 20%</i>								
<i>Location : At Truck Washing Area</i>								
Ceramic Tile	3%	2-4	\$5,700	2041	**	5	\$1,000	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Work Bays</i>								
Vinyl Tile	12%	Now	\$22,200	2037	**	3	\$3,100	
<i>Cracking/Crumbling, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Office Areas</i>								
<b>Interior Walls</b>								
Concrete Masonry Unit	60%	Now	\$311,900	LIFE	**	5	\$27,200	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Near Truck Wash Area And Entry</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Glass: Single Pane	5%	Now	\$6,700	LIFE	**	5	\$4,200	
<i>Glazing Broken/Cracked, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Conference Room</i>								
Gypsum Board	10%	Now	\$3,100	LIFE	**	5	\$6,800	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Second Floor</i>								
SGFT/Glazed Masonry	25%	Now	\$124,300	LIFE	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Garage</i>								
<b>Ceilings</b>								
Exposed Struc: Steel	90%	Now	\$4,344,900	LIFE	**			
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Garage</i>								
Gypsum Board	10%	Now	\$5,900	LIFE	**	5	\$8,600	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Stair</i>								
<i>Water Penetration, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Womens Locker Room</i>								
<b>Site Pavements</b>								
<b>Public Sidewalk</b>								
Cast in Place Concrete	100%	4+	\$60,600	2045	**			
<i>Cracking/Crumbling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Front Sidewalk</i>								

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

Under 600 Volts

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

<b>Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Under 600 Volts</b>								
Service Equipment Fused Disc Sw	100%			2032	\$14,700	5	\$200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Main Service Switch Rated At 2500 Amperes.</i>								
Switchgear / Switchboard Molded Case Bkrs	100%			2032	\$63,500	5	\$1,200	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : 2 Sections Of Main Distribution Board</i>								
Raceway Conduit	100%			2032	\$36,000	1		
Panelboards Fused Disc Sw	5%			2031	\$2,400	5	\$100	
Molded Case Bkrs	95%			2031	\$46,000	5	\$1,200	
Wiring Thermoplastic	100%			2032	\$32,500	1		
Motor Controllers Locally Mounted	100%			2030	\$17,800	5	\$300	
<b>Ground</b>								
Grounding Devices Generic	100%			LIFE	**	5	\$700	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Water Meter Room</i>								
<i>Explanation : Connected To Main Water Pipe.</i>								
<b>Lighting</b>								
Interior Lighting Fluorescent	25%			2027	\$98,400	10	\$10,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Offices, Mechanical, Electrical Rooms</i>								
<i>Explanation : Surface Mounted Fluorescent Light Fixtures With T-8 Lamps</i>								
Fluorescent	25%			2027	\$98,400	10	\$10,600	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Conference Room, Stair Case And Part Of Repair Shop</i>								
<i>Explanation : Recessed And Pendant Mounted Compact Fluorescent Light Fixtures</i>								
HID	50%			2027	\$134,300	10	\$800	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Repair Shops</i>								
<i>Explanation : Pendant Mounted HID Lights</i>								
Egress Lighting Emergency, Battery	50%			2040	**	10	\$5,600	
Exit, LED	50%			2067	**	1		
Exterior Lighting HID	100%			2027	\$211,500	10	\$100	
<b>Alarm</b>								

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

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

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

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

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

**Alarm**

## Security System

No Component

80%

Generic

20%

2027

\$17,000

1

\$3,500

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Shops And Outside**Explanation : CCTV Surveillance Camera Systems*

## Fire/Smoke Detection

No Component

80%

Generic, Digital

20%

2027

\$23,400

1-3

\$5,900

*Other Observation, Extent : Moderate, Area Affected : 100%**Location : Throughout The Building**Explanation : Strobe Lights, Manual Pull Stations, Smoke Detectors And Horns*

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

**Heating**

## Energy Source

Electricity

25%

2052

\*\*

1

Natural Gas

75%

2052

\*\*

1

## Conversion Equipment

Furnace

50%

0-2

\$3,500

2037

\*\*

1

\$10,300

*Malfunctioning, Extent : Severe, Area Affected : 10%**Location : Unit No. 5 Compressor Is Not Working On The Roof.**Other Observation, Extent : Light, Area Affected : 100%**Location : Roof**Explanation : 5 Units. Included In Air Conditioning System*

Radiant Heater

25%

2037

\*\*

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%

2048

\*\*

1

## Conversion Equipment

Ext Pkg Unit - Heating/Cooling

100%

2037

\*\*

2

\$2,800

*R-22 Refrigerant, Extent : Light, Area Affected : 100%**Location : Air Conditioning Units On The Roof**Other Observation, Extent : Light, Area Affected : 100%**Location : Roof**Explanation : 5 Units*

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

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

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

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

Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Air Conditioning								
Terminal Devices								
Air Handler/Cool/Ht	5%	Now	\$900	2032	\$44,000	1	\$1,300	
<i>Malfunctioning, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Control System, Penthouse</i>								
No Component	95%							
Heat Rejection								
Air Cooled Condenser Unit	20%			2037	**	2	\$6,500	
No Component	80%							
Ventilation								
Distribution								
Ductwork/Diffusers	100%			LIFE	**	2-5	\$25,900	
Exhaust Fans								
Interior	90%			2037	**	2	\$1,300	
Roof	10%			2037	**	2	\$100	
Plumbing								
H/C Water Piping								
Galvanized Steel	100%			2049	**	1		
Water Heater With Tanks								
Electric	30%			2030	\$13,900	4		
Gas Fired	70%			2027	\$23,400	2		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Mechanical Room, 2nd Floor</i>								
<i>Explanation : One Unit</i>								
Sanitary Piping								
Cast Iron	100%			LIFE	**	1		
Storm Drain Piping								
Cast Iron	100%			LIFE	**	1		
Backflow Preventer								
Generic	100%			2040	**	1	\$2,800	
Fixtures								
Generic	100%							
Vertical Transport								
Elevators								
Hydraulic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : 1st To 2nd Floor</i>								
<i>Explanation : One Unit</i>								
Fire Suppression								
Sprinkler								
Generic	100%			2052	**	1-2	\$13,000	
Fire Pump								
Generic	100%			2041	**	1	\$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.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 29-Oct-2020 **Landmark Status** : NONE  
**Areas Surveyed** : Roof, Floors 1,2  
**Block** : 3030 **Lot** : 6 **BIN** : 2100288

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Exterior Architecture	\$332,100	
Interior Architecture	\$221,000	\$135,000
Electrical	\$491,400	
Mechanical		\$11,200
<b>Total</b>	<b>\$1,044,600</b>	<b>\$146,200</b>
Importance Code A	\$332,100	\$11,200
Importance Code B	\$593,900	\$135,000
Importance Code C	\$118,500	
<b>Total</b>	<b>\$1,044,600</b>	<b>\$146,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Exterior Architecture	\$40,200		\$8,900	\$12,700
Interior Architecture	\$1,200	\$4,000	\$2,700	
Electrical	\$700	\$700	\$1,000	\$75,600
Mechanical	\$25,900	\$4,200	\$6,200	\$37,500
Site Pavements	\$30,300			
<b>Total</b>	<b>\$98,300</b>	<b>\$8,900</b>	<b>\$18,900</b>	<b>\$125,700</b>
Importance Code A	\$46,100	\$2,000	\$10,500	\$14,700
Importance Code B	\$52,100	\$6,900	\$6,700	\$111,000
Importance Code C			\$1,700	
<b>Total</b>	<b>\$98,300</b>	<b>\$8,900</b>	<b>\$18,900</b>	<b>\$125,700</b>



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

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

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

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

Architecture	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Exterior</b>								
<b>Exterior Walls</b>								
Concrete Masonry Unit	60%			LIFE	**	5	\$25,300	
	<i>Water Penetration, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Front Main Office Entrance</i>							
Fiberglass Panel	7%			2041	**	5	\$17,700	
Glass Block	5%			LIFE	**	5	\$2,100	
Glazed Ceramic Panel	3%			LIFE	**	5	\$9,500	
Metal Panel	10%			2052	**	5-10	\$46,400	
Metal Coiling Doors	10%	Now	\$14,100	2045	**	5	\$10,600	
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
Pre-Cast Concrete	5%	Now	\$4,800	LIFE	**	5	\$11,000	
	<i>Expansion Joint Failure, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
<b>Parapets</b>								
Cast in Place Concrete	30%	Now	\$5,600	LIFE	**	5	\$32,900	
	<i>Expansion Joint Failure, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
Masonry: Brick	60%	Now	\$15,800	LIFE	**	5	\$6,400	
	<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Interior Face</i>							
	<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Miss/Damaged Flashings, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
Metal Security Bars	10%			2060	**			
<b>Roof</b>								
Built-Up (BUR)	35%	Now	\$153,900	2037	**			
	<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Throughout</i>							
Metal Panel	65%	Now	\$178,200	2045	**			
	<i>Punct/Tear/Impact Damage, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
	<i>Water Penetration, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
<b>Interior</b>								
<b>Floors</b>								
Cast in Place Concrete	90%	Now	\$102,500	LIFE	**	5	\$135,000	
	<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Throughout</i>							
Ceramic Tile	3%			2041	**	5	\$2,100	
Vinyl Tile	7%			2037	**	3	\$1,800	

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

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

## Interior

## Interior Walls

Ceramic Tile	3%			2041	**	5	\$3,400	
Concrete Masonry Unit	57%	0-2	\$118,500	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	10%			2045	**	5	\$6,900	
Exposed Struc: Steel	85%			LIFE	**			
Gypsum Board	5%	Now	\$1,200	LIFE	**	5	\$4,300	

*Cracking/Crumbling, Extent : Light, Area Affected : 5%*

*Location : Throughout*

*Loose/Delam Surface, Extent : Severe, Area Affected : 5%*

*Location : West Stair. Leaking*

## Site Pavements

## Public Sidewalk

Cast in Place Concrete	100%	4+	\$30,300	2045	**			
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*Cracking/Crumbling, Extent : Light, Area Affected : 10%*

*Location : Front Sidewalk*

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

## Under 600 Volts

## Service Equipment

Fused Disc Sw	100%			2032	\$3,700	5	\$200	
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*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%			2032	\$31,800	5	\$1,000	
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## Raceway

Conduit	100%			2032	\$4,300	1		
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## Panelboards

Fused Disc Sw	5%			2031	\$1,000	5		
Molded Case Bkrs	95%			2031	\$18,500	5	\$900	

## Wiring

Thermoplastic	100%			2032	\$8,800	1		
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## Motor Controllers

Locally Mounted	100%			2030	\$44,900	5	\$200	
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## Ground

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

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

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

## 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

Interior Lighting  
Fluorescent

60%      2027      \$153,000      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%      2027      \$170,500      10      \$500

Egress Lighting

Exit, Service  
Exit, Battery

50%      2027      \$6,100      1  
50%      2027      \$20,800      10      \$1,200

Exterior Lighting

HID

100%      2027      \$167,900      10      \$100

## Alarm

Security System

No Component  
Generic

90%      10%      2027      \$6,800      1      \$1,400  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Outside*  
*Explanation : CCTV Surveillance Camera System*

Fire/Smoke Detection

No Component  
Generic, Digital

80%      20%      2027      \$18,600      1-3      \$4,700  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Throughout The Building*  
*Explanation : Strobe Lights, Smoke Detector, Alarm Bells And Manual Pull Stations*

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

## Heating

Energy Source

Electricity  
Natural Gas

30%      2058      \* \*      1  
70%      2058      \* \*      1

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

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

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Heating</b>								
Conversion Equipment								
	Furnace	80%			2037	**	1	\$14,600
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Roof. Included In Air Conditioning System</i>								
<i>Explanation : 3 Units</i>								
	Furnace	10%	Now	\$4,500	2032	\$11,200	1	\$1,600
<i>Not in Service, Extent : Severe, Area Affected : 10%</i>								
<i>Location : 2 Of 4 Units Are Not Working In The Garage Area</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : In The Garage Area</i>								
<i>Explanation : 4 Independent Units. 2 Units Out Of 4 Burn Out On The Roof. Which Are Units Hv-3 And Hv-4</i>								
	Radiant Heater	10%			2037	**	2	\$1,700
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Offices On The First Floor</i>								
<i>Explanation : 12 Units</i>								
<b>Air Conditioning</b>								
Energy Source								
	Electricity	100%			2054	**	1	
Conversion Equipment								
	Ext Pkg Unit - Heating/Cooling	30%	Now	\$18,100	2037	**	2	\$500
<i>Malfunctioning, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Control System</i>								
<i>R-22 Refrigerant, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Air Conditioning Units On Roof</i>								
	No Component	70%						
Terminal Devices								
	Air Handler/Cool/Ht	10%	Now	\$400	2037	**	1	\$2,100
<i>Malfunctioning, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Control System, Roof</i>								
	No Component	90%						
Heat Rejection								
	Air Cooled Condenser Unit	20%			2037	**	2	\$5,100
	No Component	80%						
<b>Ventilation</b>								
Distribution								
	Ductwork/Diffusers	100%			LIFE	**	2-5	\$20,500
Exhaust Fans								
	Interior	70%			2037	**	2	\$800
	Roof	30%			2037	**	2	\$300
<b>Plumbing</b>								
H/C Water Piping								
	Brass/Copper	100%			2058	**	1	
Water Heater With Tanks								
	Gas Fired	100%			2027	\$33,400	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**  
**WEBSTER AVENUE YARD STAGING GARAGE AND SIGN SHOP**  
**Asset # : 13606**

<b>Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Plumbing								
	Sanitary Piping							
	Cast Iron	100%			LIFE	* *	1	
	Storm Drain Piping							
	Cast Iron	100%			LIFE	* *	1	
	Fixtures							
	Generic	100%						
Fire Suppression								
	Sprinkler							
	Generic	100%			2052	* *	1-2	\$10,300

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 102ND STREET HAWTREE BASIN  
**Address** : 102ND ST. BETWEEN BROADWAY AND RUSSEL STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0274.000 / 15028 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,698 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 03-Feb-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2248250

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$15,900		\$100	
<b>Total</b>	<b>\$15,900</b>		<b>\$100</b>	
Importance Code A			\$100	
Importance Code C	\$15,900			
<b>Total</b>	<b>\$15,900</b>		<b>\$100</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**102ND STREET HAWTREE BASIN**  
**Asset # : 15028**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Bank Protection								
Timber	100%			2039			**	
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%			2044		**	4	\$15,400
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
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**  
**102ND STREET HAWTREE BASIN**  
**Asset # : 15028**

Bridge Structure System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
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							
Steel	100%			LIFE	**	2-8	\$3,400
Sidewalks							
Concrete	100%			2039	**	5	\$2,600
Wearing Surface							
Concrete	100%			2044	**	5	\$18,900
Superstructure							
Deck,Structural							
Concrete	100%			LIFE	**	5	\$5,200
		<i>Spalling, Extent : Light, Area Affected : 1%</i>					
		<i>Location : Northeast Corner</i>					
Primary Member							
Not Accessible	100%						
Secondary Member							
Not Accessible	100%						

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 08-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224501C

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$158,500	\$91,500
<b>Total</b>	<b>\$158,500</b>	<b>\$91,500</b>
Importance Code A	\$91,000	\$45,700
Importance Code B	\$67,500	\$45,700
<b>Total</b>	<b>\$158,500</b>	<b>\$91,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$14,800		\$10,700	
<b>Total</b>	<b>\$14,800</b>		<b>\$10,700</b>	
Importance Code A			\$4,600	
Importance Code B	\$7,400		\$4,900	
Importance Code C	\$7,400		\$1,200	
<b>Total</b>	<b>\$14,800</b>		<b>\$10,700</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVE VIADUCT (RAMP) W 33 ST/LAND ADJ.TO AMTRAK**  
**Asset # : 2934**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			**	
Backwall								
Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Pedestals								
Concrete	100%			LIFE			**	
Stem (breastwall)								
Concrete	100%	4+	\$67,500	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Honeycombing</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%	4+	\$7,400	LIFE			**	
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Approaches								
Pavement								
Concrete	100%	2-4	\$4,800	2040		**	4	\$3,600
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
Embankment								
Generic	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**  
**11TH AVE VIADUCT (RAMP) W 33 ST/LAND ADJ.TO AMTRAK**  
**Asset # : 2934**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Sidewalks								
Concrete	100%			LIFE		**		
Scupper								
Cast Iron	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 2 Scuppers Present</i>						
<b>Piers</b>								
Pier,Columns								
Steel	100%			LIFE		**	2-8	\$8,500
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Sidewalks								
Concrete	100%			2036		**	5	\$2,400
Wearing Surface								
Concrete	100%	4+	\$2,600	2040		**	5	\$4,100
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Southwest Corner</i>						
<b>Superstructure</b>								
Deck,Structural								
Concrete	100%	4+	\$91,000	LIFE		**	5	\$2,300
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 15%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Honeycombing</i>						

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVE VIADUCT (RAMP) W 33 ST/LAND ADJ.TO AMTRAK**  
**Asset # : 2934**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	100%			LIFE	**	2-8	\$85,400	
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Moderate, Area Affected : 15%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$71,500	
<i>Corrosion, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>								

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 08-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224501D

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$3,196,700	\$233,600
<b>Total</b>	<b>\$3,196,700</b>	<b>\$233,600</b>
Importance Code A	\$592,100	\$116,800
Importance Code B	\$2,076,400	\$116,800
Importance Code C	\$528,200	
<b>Total</b>	<b>\$3,196,700</b>	<b>\$233,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$97,400		\$25,700	
<b>Total</b>	<b>\$97,400</b>		<b>\$25,700</b>	
Importance Code A	\$8,100		\$11,700	
Importance Code B	\$21,200		\$13,900	
Importance Code C	\$68,100			
<b>Total</b>	<b>\$97,400</b>		<b>\$25,700</b>	



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$90,900	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Backwall Concrete	100%	4+	\$25,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$19,400	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : End Approach On The Sidewalk</i>								
<i>Explanation : Sidewalk Slabs Are Not At The Same Elevations On Either Side Of The Joint.</i>								
<i>Joint Popped Out.</i>								
Mat (scour & erosion) Generic	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete</i>								
Stem (breastwall) Concrete	100%	2-4	\$2,076,400	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Honeycombing</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%	4+	\$453,500	LIFE		**		
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Masonry	100%			LIFE		**		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pier Protection								
Concrete	100%	4+	\$1,800	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Approaches								
Pavement								
Concrete	100%	4+	\$3,800	2040		**	4	\$6,200
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,800	LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Generic	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040		**	4	
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Southwest Side</i>								
<i>Explanation : Chain Link Fence</i>								
Sidewalks								
Concrete	100%	4+	\$25,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Pier, Columns								
Steel	100%			LIFE		**	2-8	\$64,100
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
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**  
**11TH AVE VIADUCT (RAMP) W 34 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2935**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$2,400	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northeast Side</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 15%</i>								
<i>Location : North Side</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Southeast Side</i>								
<i>Explanation : Armoring Is Dislodged</i>								
<b>Railings/Parapets</b>								
Concrete	100%			2040		**	4	\$2,800
<b>Sidewalks</b>								
Concrete	100%	4+	\$13,700	2036		**	5	\$4,700
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$74,600	2040		**	5	\$20,700
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West End</i>								
<i>Explanation : Failing Asphalt Patches</i>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%	2-4	\$501,100	LIFE		**	5	\$10,900
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								

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

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

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

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 21-Oct-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224501E

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$195,600	\$172,300
<b>Total</b>	<b>\$195,600</b>	<b>\$172,300</b>
Importance Code A	\$133,300	
Importance Code B	\$62,300	
Importance Code C		\$172,300
<b>Total</b>	<b>\$195,600</b>	<b>\$172,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$72,700		\$4,400	
<b>Total</b>	<b>\$72,700</b>		<b>\$4,400</b>	
Importance Code A	\$24,600		\$2,800	
Importance Code B	\$10,600		\$1,600	
Importance Code C	\$37,500			
<b>Total</b>	<b>\$72,700</b>		<b>\$4,400</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2936**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							
<hr/>								
Backwall Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							
<hr/>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							
<hr/>								
Footings Not Accessible	100%							
<hr/>								
Joint with Deck Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : See Superstructure Joints</i>							
<hr/>								
Mat (scour & erosion) Not Accessible	100%							
<hr/>								
Pedestals Not Accessible	100%							
<hr/>								
Stem (breastwall) Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							
<hr/>								
Walls Not Accessible	100%							
<hr/>								
<b>Wingwalls</b>								
Footings Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Not Accessible	100%							
<hr/>								
Piles Not Accessible	100%							
<hr/>								
Walls Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Underneath Bridge Under Construction</i>							
<hr/>								
<b>Feature Crossed</b>								

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

Estimates are rounded to the nearest hundred dollars.

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2936**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Accessibility To 50 Percent Of Component</i>							
<hr/>								
<b>Pier Protection</b>								
Concrete	100%	4+	\$10,600	LIFE			**	
	<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 4%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Cracks</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Accessibility To 50 Percent Of Component</i>							
<hr/>								
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	70%			2032	\$120,600	4	\$3,400	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : East Side</i>							
	<i>Explanation : Asphalt On East Side</i>							
Asphalt	30%	4+	\$15,500	2032	\$51,700	4	\$2,300	
	<i>Cracks, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Raveling</i>							
<hr/>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$19,000	LIFE			**	
	<i>Rust Stains, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Settlement, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Near Joints At Both Approaches</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Accessibility To 50 Percent Of Component</i>							
<hr/>								
<b>Embankment</b>								
Generic	100%			LIFE			**	
<hr/>								
<b>Pavement Base</b>								
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 35 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2936**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Railings/Parapets								
Under Construction	100%							
<hr/>								
Sidewalks								
Asphalt	100%			2032		4		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : North Side</i>						
		<i>Explanation : Asphalt Pavement Noted</i>						
<hr/>								
Under Construction	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : South Side</i>						
		<i>Explanation : Under Constrution And Not Accessible</i>						
<hr/>								
Scupper								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : On South Side Due To Construction</i>						
		<i>Explanation : 50 Percent Not Accesible</i>						
<hr/>								
<b>Piers</b>								
Cap Beam								
Steel	100%	2-4	\$52,400	LIFE	**	2-8	\$64,100	
		<i>Loss of Section, Extent : Light, Area Affected : 35%</i>						
		<i>Location : Western Most Piers</i>						
		<i>Rust Stains, Extent : Light, Area Affected : 35%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 65%</i>						
		<i>Location : West Pier</i>						
		<i>Explanation : Paint System Failure</i>						
<hr/>								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$45,600	
		<i>Rust Stains, Extent : Light, Area Affected : 35%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 65%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Paint System Failure</i>						
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout Mat</i>						
		<i>Explanation : Asphalt</i>						
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2936**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$5,600	LIFE		**		
<i>Rust Stains, Extent : Severe, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Under Construction	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : On South Side</i>								
<i>Explanation : 50 Percent Of Component Is Under Construction</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2040		**	4	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On North Side</i>								
<i>Explanation : Concrete Barriers</i>								
Under Construction	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : On South Side</i>								
<i>Explanation : 50 Percent Of Component Is Under Construction</i>								
<hr/>								
<b>Sidewalks</b>								
Under Construction	100%							
<hr/>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$18,900	2034		**	5	\$10,500
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Under Construction	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : 50 percent Of Component is under construction</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck,Structural</b>								
Not Accessible	100%							
<hr/>								
<b>Joints</b>								
Generic	100%	4+	\$2,000	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : At West End Of Bridge</i>								
<i>Leakage, Extent : Severe, Area Affected : 8%</i>								
<i>Location : At West End Of Bridge</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVE VIADUCT (RAMP) W 35 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2936**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Concrete Encased Steel	100%	4+	\$80,900	LIFE	**	5	\$32,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Corrosion, Extent : Moderate, Area Affected : 20%</i> <i>Location : Bottom Flange Of Girders</i> <i>Delaminations, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>								
Not Accessible	100%	<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location :</i> <i>Explanation : 50 Percent Of Component Is Not Accessible</i>						
Secondary Member								
Concrete	100%	4+	\$62,300	LIFE	**	5	\$2,700	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
Not Accessible	100%	<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location :</i> <i>Explanation : 50 Percent Of Component Is Not Accessible</i>						

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 08-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224501F

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,160,700	\$384,700
<b>Total</b>	<b>\$1,160,700</b>	<b>\$384,700</b>
Importance Code A	\$941,600	\$165,800
Importance Code B	\$108,700	\$47,500
Importance Code C	\$110,400	\$171,400
<b>Total</b>	<b>\$1,160,700</b>	<b>\$384,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$70,500		\$13,100	
<b>Total</b>	<b>\$70,500</b>		<b>\$13,100</b>	
Importance Code A	\$4,800		\$8,300	
Importance Code B			\$4,800	
Importance Code C	\$65,800			
<b>Total</b>	<b>\$70,500</b>		<b>\$13,100</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2937**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	0-2	\$108,700	LIFE		**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At West Abutment</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
Mat (scour & erosion) Earth	100%			LIFE		**		
Stem (breastwall) Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	100%	4+	\$110,400	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Northeast Corner</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Accessibility To 50 Percent Of Component</i>								
<b>Feature Crossed</b>								
Mat (scour & erosion) Generic	100%			LIFE		**		
Pier Protection Concrete	100%			LIFE		**		
<b>Approaches</b>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2937**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	100%			2032	\$171,400	4	\$3,400	
	<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>							
Concrete	100%			2040	**	4	\$200	
	<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>							
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$4,800	LIFE	**			
	<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i> <i>Location : East Approach</i> <i>Rust Stains, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations At East Approach</i>							
<b>Embankment</b>								
Earth	100%	4+	\$200	LIFE	**			
	<i>Settlement, Extent : Light, Area Affected : 10%</i> <i>Location : At Joint At West Approach, At North East Corner</i>							
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Concrete	100%			2040	**	4		
Steel	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Chain Link Fence</i>							
<b>Sidewalks</b>								
Concrete	100%	2-4	\$3,200	LIFE	**			
	<i>Cracks, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : North East Corner</i>							
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<b>Piers</b>								
<b>Cap Beam</b>								
Steel	100%			LIFE	**	2-8	\$192,200	
	<i>Other Observation, Extent : Light, Area Affected : 15%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>							
<b>Pier,Columns</b>								
Steel	100%			LIFE	**	2-8	\$136,800	
	<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVE VIADUCT (RAMP) W 36 ST/AMTRAK 30 ST. BRANCH**  
**Asset # : 2937**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 80%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Concrete	100%			2040	**	4		
Steel	100%			LIFE	**	2-8		
Sidewalks								
Concrete	100%	2-4	\$19,500	2036	**	5	\$6,700	
			<i>Cracks, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Concrete	100%	2-4	\$19,600	2040	**	5	\$27,200	
			<i>Cracks, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Superstructure</b>								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%	0-2	\$22,100	LIFE	**			
			<i>Spalling, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Edge Of Deck</i>					
Primary Member								
Concrete Encased Steel	100%	2-4	\$941,600	LIFE	**	5	\$82,600	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Rust Stains/exposed Reinf.</i>					

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

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

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

Superstructure

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 11TH AVE VIADUCT (RAMP) W.33 ST/AMTRAK 30TH ST.BRANCH  
**Address** : WEST 33 STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0066.0B0 / 2933 **Yr Built/Renovated** : 1934 /  
**Area Sq Ft** : 16,500 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 21-Oct-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224501B

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$69,800	\$368,200
<b>Total</b>	<b>\$69,800</b>	<b>\$368,200</b>
Importance Code A	\$69,800	\$163,300
Importance Code B		\$204,900
<b>Total</b>	<b>\$69,800</b>	<b>\$368,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$210,600		\$36,900	
<b>Total</b>	<b>\$210,600</b>		<b>\$36,900</b>	
Importance Code A	\$46,300		\$16,400	
Importance Code B	\$12,100		\$20,500	
Importance Code C	\$152,200			
<b>Total</b>	<b>\$210,600</b>		<b>\$36,900</b>	



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$36,400	LIFE			**	
<i>Cracks, Extent : Severe, Area Affected : 12%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Severe, Area Affected : 12%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : West Wall</i> <i>Explanation : West Wall Noted</i>								
Backwall Concrete	100%	4+	\$39,400	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Front Face Of Back Wall</i> <i>Efflorescence, Extent : Light, Area Affected : 10%</i> <i>Location : Front Face Of Back Wall</i> <i>Rust Stains, Extent : Severe, Area Affected : 30%</i> <i>Location : Front Face Of Back Wall</i>								
Brngs,Ancr Blts,Pads Steel	100%			LIFE			**	
<i>Corrosion, Extent : Severe, Area Affected : 12%</i> <i>Location : Random Locations Throughout</i> <i>Rust Stains, Extent : Severe, Area Affected : 12%</i> <i>Location : Random Locations Throughout</i>								
Footings Not Accessible	100%							
Joint with Deck Generic	100%	2-4	\$11,600	LIFE			**	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Leakage, Extent : Severe, Area Affected : 11%</i> <i>Location : Random Locations Throughout</i>								
Mat (scour & erosion) Earth	100%			LIFE			**	
Stem (breastwall) Concrete	100%			LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Front Face Of Stem Wall</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE			**	

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%	4+	\$9,400	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Broken/ Missing Elements</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pier Protection								
Concrete	100%	4+	\$400	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Approaches								
Pavement								
Concrete	100%	4+	\$9,400	2040		**	4	\$6,200
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Approach</i>								
<i>Explanation : Approach Only On West Side</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Embankment								
Generic	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040		**	4	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Side</i>								
<i>Explanation : Concrete Wall Is On The South Side Of The Bridge</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Side</i>								
<i>Explanation : Steel Fence Is On The North Side Of The Bridge</i>								
Sidewalks								
Concrete	100%	4+	\$3,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northwest Sidewalk</i>								

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Scupper</b>								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 1 Scupper</i>								
<hr/>								
<b>Piers</b>								
<b>Pier,Columns</b>								
Steel	100%			LIFE		**	2-8	\$119,700
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Footings</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	0-2	\$5,700	LIFE		**		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2040		**	4	\$12,800
<hr/>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$19,500	2036		**	5	\$6,700
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$49,100	2040		**	5	\$27,300
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck,Structural</b>								
Concrete	5%			LIFE		**	5	\$16,000
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Center Of Structure</i>								
<i>Explanation : Covered By Timber Shielding</i>								
Concrete	95%	0-2	\$69,800	LIFE		**	5	\$16,000
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	100%	4+	\$22,100	LIFE			**	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Random Locations Throughout On Top</i>					
			<i>Leakage, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Primary Member								
Steel	100%			LIFE		**	2-8	\$305,000
			<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Secondary Member								
Steel	100%			LIFE		**	2-8	\$255,500
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 11TH AVENUE AMTRAK 30 ST BRANCH  
**Address** : 11TH AVENUE ABOUT W58TH STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0293.000 / 15051 **Yr Built/Renovated** :  
**Area Sq Ft** : 11,286 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 24-Oct-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245209

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$1,982,300
<b>Total</b>		<b>\$1,982,300</b>
Importance Code C		\$1,982,300
<b>Total</b>		<b>\$1,982,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$15,900		\$8,800	
<b>Total</b>	<b>\$15,900</b>		<b>\$8,800</b>	
Importance Code C	\$15,900		\$8,800	
<b>Total</b>	<b>\$15,900</b>		<b>\$8,800</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVENUE AMTRAK 30 ST BRANCH**  
**Asset # : 15051**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : No Access To Amtrak Property Underneath</i>						
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%							
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Piles Not Accessible	100%							
Walls Not Accessible	100%							
<b>Feature Crossed</b>								
Bank Protection Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Pier Protection Not Accessible	100%							
<b>Approaches</b>								
Pavement Asphalt	100%			2032	\$1,776,700	4	\$35,500	
Curbs Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
Embankment Not Accessible	100%							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVENUE AMTRAK 30 ST BRANCH**  
**Asset # : 15051**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
Sidewalks								
Concrete	100%			2036		**	5	\$17,600
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Asphalt	100%	Now	\$4,100	2032	\$205,600		5	\$7,600
			<i>Settlement, Extent : Moderate, Area Affected : 1%</i>					
			<i>Location : 59th Street Intersection</i>					
<b>Superstructure</b>								
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.

**DEPARTMENT OF TRANSPORTATION - 841  
11TH AVENUE AMTRAK 30 ST BRANCH  
Asset # : 15051**

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : 11TH AVENUE LIRR & SEA BEACH  
 Address : 11TH AVENUE BET. 61ST & 62ND STS  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : DOT0295.000 / 15053 Yr Built/Renovated :  
 Area Sq Ft : 9,838 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 22-Nov-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2243630

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$10,100	\$18,100	\$3,900	
<b>Total</b>	<b>\$10,100</b>	<b>\$18,100</b>	<b>\$3,900</b>	
Importance Code A	\$3,100		\$200	
Importance Code C	\$7,000	\$18,100	\$3,600	
<b>Total</b>	<b>\$10,100</b>	<b>\$18,100</b>	<b>\$3,900</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVENUE LIRR & SEA BEACH**  
**Asset # : 15053**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%			LIFE			**	
<b>Approaches</b>								
Pavement								
Concrete	100%			2040		**	4	\$20,900
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
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**  
**11TH AVENUE LIRR & SEA BEACH**  
**Asset # : 15053**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Railings/Parapets								
Concrete	100%			2040	**	4	\$2,500	
Steel	100%			LIFE	**			
<hr/>								
Sidewalks								
Concrete	100%			LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<hr/>								
Scupper								
Cast Iron	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Northeast Approach</i>					
			<i>Explanation : 2 Approach Scuppers</i>					
<hr/>								
<b>Piers</b>								
Cap Beam								
Not Accessible	100%							
<hr/>								
Pier,Columns								
Not Accessible	100%							
<hr/>								
Stem,Solid Pier								
Not Accessible	100%							
<hr/>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Not Accessible	100%							
<hr/>								
Pedestals								
Not Accessible	100%							
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
<hr/>								
Railings/Parapets								
Concrete	100%			2040	**	4	\$6,800	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE	**	2-8	\$6,300	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : On Top Of Concrete Parapet</i>					
			<i>Explanation : Chain Link Fence</i>					
<hr/>								
Sidewalks								
Concrete	100%			2036	**	5	\$7,300	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**11TH AVENUE LIRR & SEA BEACH**  
**Asset # : 15053**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface Concrete	100%			2040	**	5	\$36,200	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Near Southwest Approach</i>								
<i>Explanation : 2 Deck Scuppers</i>								
Superstructure								
Deck, Structural Not Accessible	100%							
Primary Member Not Accessible	100%							
Secondary Member Not Accessible	100%							

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 17-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245010

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$706,500	\$917,200
<b>Total</b>	<b>\$706,500</b>	<b>\$917,200</b>
Importance Code B	\$72,100	
Importance Code C	\$634,500	\$917,200
<b>Total</b>	<b>\$706,500</b>	<b>\$917,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$69,300	\$47,700		
<b>Total</b>	<b>\$69,300</b>	<b>\$47,700</b>		
Importance Code A	\$8,900	\$31,000		
Importance Code C	\$60,500	\$16,700		
<b>Total</b>	<b>\$69,300</b>	<b>\$47,700</b>		



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

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

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Abutments</b>							
Bridge Seat&pedestals Not Accessible	100%						
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
<i>Location : Throughout</i>							
<i>Explanation : MTA And Amtrak Access Required.</i>							
<hr/>							
Backwall Not Accessible	100%						
<hr/>							
Brngs,Ancr Blts,Pads Not Accessible	100%						
<hr/>							
Footings Not Accessible	100%						
<hr/>							
<b>Joint with Deck</b>							
Generic	60%			LIFE			**
Generic	40%	4+	\$72,100	LIFE			**
<i>Broken/Missing Elements, Extent : Light, Area Affected : 50%</i>							
<i>Location : Random Locations Throughout</i>							
<i>Other Observation, Extent : N/A, Area Affected : 30%</i>							
<i>Location : Near Sidewalk</i>							
<i>Explanation : Under Construction</i>							
<hr/>							
Mat (scour & erosion) Not Accessible	100%						
<hr/>							
Pedestals Not Accessible	100%						
<hr/>							
Stem (breastwall) Not Accessible	100%						
<hr/>							
Walls Not Accessible	100%						
<hr/>							
<b>Wingwalls</b>							
Footings Not Accessible	100%						
<hr/>							
Mat (scour & erosion) Not Accessible	100%						
<hr/>							
Piles Not Accessible	100%						
<hr/>							
Walls Not Accessible	100%						
<hr/>							
<b>Feature Crossed</b>							
Bank Protection Not Accessible	100%						
<hr/>							
Mat (scour & erosion) Not Accessible	100%						
<hr/>							
Pier Protection Not Accessible	100%						
<hr/>							
<b>Approaches</b>							

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%	2-4	\$3,800	2033	\$189,400	4	\$2,200	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	60%			2041	**	4	\$50,100	
Concrete	40%	2-4	\$47,300	2041	**	4	\$33,400	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2041	**	4	\$8,600	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Between 34th And 35th Streets</i>								
<i>Explanation : Concrete Barrier During Construction</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	88%	4+	\$8,900	2041	**	4	\$3,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	12%			2041	**	4	\$5,500	
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Between 34th And 35th Streets</i>								
<i>Explanation : Under Construction</i>								
Sidewalks								
Concrete	60%			LIFE	**			
Concrete	40%	4+	\$9,400	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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								
Curbs								
Concrete w/ Steel Face	88%			LIFE		**		
		<i>Rust Stains, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Random Locations Throughout</i>						
Concrete w/ Steel Face	12%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Between 34th And 35th Streets</i>						
		<i>Explanation : Under Construction</i>						
Guide Railing								
Concrete	100%			2045		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Between 34th And 35th Streets</i>						
		<i>Explanation : Concrete Barrier</i>						
Railings/Parapets								
Concrete	88%			2041	**	4	\$39,500	
Concrete	12%			2041	**	4	\$39,500	
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Between 34th And 35th Streets</i>						
		<i>Explanation : Under Construction</i>						
Steel	100%			LIFE	**	2-8		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Steel Railing And Chain Link Fence</i>						
Sidewalks								
Concrete	88%			2037	**	5	\$84,000	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Concrete	12%			2037	**	5	\$84,000	
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Between 34th And 35th Streets</i>						
		<i>Explanation : Under Construction</i>						

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
<b>Wearing Surface</b>								
Concrete	80%			2041	**	5	\$643,700	
Concrete	20%	2-4	\$134,500	2041	**	5	\$321,900	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Scupper</b>								
Cast Iron	88%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : 6 Scuppers Observed</i>								
Cast Iron	12%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Between 34th And 35th Streets</i>								
<i>Explanation : Under Construction</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
<hr/>								
<b>Joints</b>								
Generic	30%	Now	\$94,100	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joints Missing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Joint Filler Material Missing</i>								
Generic	70%			LIFE	**			
<hr/>								
<b>Primary Member</b>								
Not Accessible	100%							
<hr/>								
<b>Secondary Member</b>								
Not Accessible	100%							
<hr/>								

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

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246660

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$4,511,100	\$4,081,700
<b>Total</b>	<b>\$4,511,100</b>	<b>\$4,081,700</b>
Importance Code A	\$1,580,200	\$1,612,500
Importance Code B	\$2,607,200	\$2,152,300
Importance Code C	\$323,700	\$316,900
<b>Total</b>	<b>\$4,511,100</b>	<b>\$4,081,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$1,583,900		\$381,900	\$800
<b>Total</b>	<b>\$1,583,900</b>		<b>\$381,900</b>	<b>\$800</b>
Importance Code A	\$581,300		\$150,600	\$800
Importance Code B	\$873,300		\$215,900	
Importance Code C	\$129,300		\$15,400	
<b>Total</b>	<b>\$1,583,900</b>		<b>\$381,900</b>	<b>\$800</b>



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Granite	100%	4+	\$23,300	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Top Of End Abutment</i>								
<i>Explanation : Missing Mortar</i>								
Backwall Granite	100%	4+	\$5,000	LIFE		**		
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Abutment</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Joint Mortar Missing / Eroded</i>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	0-2	\$31,800	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At End Abutment</i>								
<i>Explanation : Cracks In Header Concrete</i>								
Mat (scour & erosion) Generic	100%			LIFE		**		
Pedestals Concrete	100%			LIFE		**		
Stem (breastwall) Granite	90%			LIFE		**		
Granite	10%	0-2	\$377,100	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rust Staining</i>								
<b>Wingwalls</b>								
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**  
**125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W.125 ST AND OTHERS**  
**Asset # : 2662**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Walls								
Granite	90%			LIFE			**	
Granite	10%	4+	\$42,500	LIFE			**	
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Mortar</i>								
Feature Crossed								
Pier Protection								
Steel	100%			LIFE			**	
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Filled On Steel Casing</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$12,100	2034			**	4 \$8,100
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : At End Abutment</i>								
Concrete	50%			2042			**	4 \$30,800
Concrete	50%	Now	\$23,500	2042			**	4 \$30,800
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout North Side</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout North Side</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout North Side</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
<i>Rust Stains, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
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**  
**125TH ST. VIADUCT BRIDGE RIVERSIDE DR/W.125 ST AND OTHERS**  
**Asset # : 2662**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Railings/Parapets</b>								
Concrete	100%	4+	\$4,100	2042	**	4	\$700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Granite	90%			LIFE	**			
Granite	10%	4+	\$5,100	LIFE	**			
<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>								
<i>Location : Below Capstone Of Beginning And End Approaches</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : End Approach And Begin Approach</i>								
<i>Explanation : Missing And Broken Element And Missing Mortar</i>								
<b>Sidewalks</b>								
Asphalt	100%	4+	\$14,600	2034	**	4	\$8,100	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Northwest Corner</i>								
Concrete	100%			LIFE	**			
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total Of 3 Scuppers</i>								
<b>Piers</b>								
<b>Cap Beam</b>								
Steel	90%			LIFE	**	2-8	\$125,100	
Steel	10%	4+	\$12,200	LIFE	**	2-8	\$74,800	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout With Moderate Rust Staining On Lattice Members</i>								
<b>Pier,Columns</b>								
Steel	100%			LIFE	**	2-8	\$3,228,000	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Stem,Solid Pier</b>								
Granite	90%			LIFE	**			
Granite	10%	4+	\$77,800	LIFE	**			
<i>Efflorescence, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Paved Underneath</i>						
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
		<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Rust Stains, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Random Locations Throughout</i>						
Railings/Parapets								
Masonry	100%			2042	**	5	\$1,600	
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Joint Mortar Missing/ Eroded</i>						
Steel	100%			LIFE	**	2-8	\$125,200	
		<i>Rust Stains, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Chain Link Fence Attached To Steel Railing</i>						
Sidewalks								
Concrete	12%	4+	\$31,600	2038	**	5	\$36,200	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Concrete	88%			2038	**	5	\$72,300	
Wearing Surface								
Asphalt	100%			2034	**	5		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Span No. 1</i>						
		<i>Explanation : At Span No. 1 Only</i>						
Concrete	100%	4+	\$228,200	2042	**	5	\$316,900	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Around Deck Joints</i>						

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Scupper Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total Of 16 Scuppers</i>								
<b>Superstructure</b>								
Deck,Structural Concrete	100%			LIFE	**	5	\$276,800	
<i>Rust Stains, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout Stay-in-place Forms</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Bottom Side Of Slab Covered By Stay-in-place Forms</i>								
<b>Joints</b>								
Steel	100%	Now	\$95,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Damaged Seal</i>								
<b>Primary Member</b>								
Masonry: Granite	100%			LIFE	**			
<i>Joints Missing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Near East And West Ends</i>								
<i>Explanation : Arch Intrados Covered With Steel Mesh</i>								
Steel	100%			LIFE	**	2-8	\$4,512,300	
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$4,032,700	
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 130TH STREET BELT SYSTEM - SOUTHERN PARKWAY  
**Address** : 130TH ST OVER BELT PKWY BTWN N. & S. CONDUIT AVES  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0383.000 / 15403 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,643 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231590

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$460,500	
<b>Total</b>	<b>\$460,500</b>	
Importance Code A	\$379,100	
Importance Code B	\$81,400	
<b>Total</b>	<b>\$460,500</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$28,800		\$100	
<b>Total</b>	<b>\$28,800</b>		<b>\$100</b>	
Importance Code A	\$15,400		\$100	
Importance Code B	\$5,300			
Importance Code C	\$8,100			
<b>Total</b>	<b>\$28,800</b>		<b>\$100</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**130TH STREET BELT SYSTEM - SOUTHERN PARKWAY**  
**Asset # : 15403**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$5,300	LIFE				* *
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Damaged Seal</i>								
Mat (scour & erosion)								
Generic	100%			LIFE				* *
Stem (breastwall)								
Concrete	100%	2-4	\$81,400	LIFE				* *
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : South Abutment</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : South Abutment</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : South Abutment</i>								
<i>Other Observation, Extent : N/A, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE				* *
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE				* *
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE				* *
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Paving Underneath</i>								
Pier Protection								
Concrete	100%			LIFE				* *
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Approaches								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**130TH STREET BELT SYSTEM - SOUTHERN PARKWAY**  
**Asset # : 15403**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Concrete	100%	4+	\$3,600	2042	**	4	\$12,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near Both Abutment Joints</i>								
Curbs								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Approach Only</i>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%	4+	\$8,400	LIFE	**			
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Attached To Cast Iron Railing</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Vertical Cracks On Random Locations</i>								
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
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**  
**130TH STREET BELT SYSTEM - SOUTHERN PARKWAY**  
**Asset # : 15403**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Railings/Parapets</b>								
Cast Iron	100%	4+	\$4,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$6,300	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Attached To Cast Iron Railing</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			2038	**	5	\$3,600	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$4,400	2042	**	5	\$13,300	
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
<hr/>								
<b>Primary Member</b>								
Concrete	100%	2-4	\$379,100	LIFE	**	5	\$49,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covered With Wire Mesh On 10 Percent Of Area. Limited Access.</i>								

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 147TH STREET BELT SYSTEM - CROSS ISLAND  
**Address** : 14TH AVE OVER CROSS ISLAND PKWAY BTWN 148TH & 149TH STREETS  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0385.000 / 15405 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,960 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231980

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$71,200		\$2,300	
<b>Total</b>	<b>\$71,200</b>		<b>\$2,300</b>	
Importance Code A	\$68,700		\$200	
Importance Code C	\$2,500		\$2,100	
<b>Total</b>	<b>\$71,200</b>		<b>\$2,300</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**147TH STREET BELT SYSTEM - CROSS ISLAND**

**Asset # : 15405**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Stem (breastwall)								
Concrete	100%			LIFE			**	
		<i>Other Observation, Extent : N/A, Area Affected : 60%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Limited Access</i>						
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE			**	
		<i>Efflorescence, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Southeast Wingwall</i>						
		<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Southeast Wingwall</i>						
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Asphalt Paving Underneath</i>						
Pier Protection								
Concrete	100%			LIFE			**	
		<i>Other Observation, Extent : N/A, Area Affected : 60%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Limited Access</i>						
Approaches								
Pavement								
Asphalt	100%			2034		**	4	\$4,300
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Curbs								
Concrete	100%			LIFE			**	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Embankment								
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**  
**147TH STREET BELT SYSTEM - CROSS ISLAND**

**Asset # : 15405**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%	2-4	\$7,500	LIFE			**	
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Paint Peeling</i>					
Steel	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Moderate Vegetation Growth In 20 Percent Area. Chain Link Fence Is Attached To Cast Iron Railing.</i>					
Sidewalks								
Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Vertical Cracks On Random Locations</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 60%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2053			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**147TH STREET BELT SYSTEM - CROSS ISLAND**

**Asset # : 15405**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Cast Iron	100%	4+	\$13,900	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Corrosion, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Recent Replace Evident, Extent : N/A, Area Affected : 5%</i> <i>Location : East Side</i> <i>Other Observation, Extent : Moderate, Area Affected : 15%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>								
Steel	100%			LIFE		**	2-8	\$7,800
<i>Rust Stains, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Light Vegetation Growth On 10 Percent Area At Northeast And Southwest Corner, Chain Link Fence Attached To Cast Iron Railing.</i>								
Sidewalks								
Concrete	100%			2038		**	5	\$4,400
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%			2034		**	5	\$5,100
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Concrete	100%			LIFE		**	5	\$88,600
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 80%</i> <i>Location : Throughout</i> <i>Explanation : Limited Access</i>								

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 149TH STREET BELT SYSTEM - CROSS ISLAND  
**Address** : 149TH ST. OVER CROSS ISLAND BLVD BTWN 14TH & 15TH AVENUES  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0387.000 / 15407 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,888 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231960

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$336,100	
<b>Total</b>	<b>\$336,100</b>	
Importance Code A	\$336,100	
<b>Total</b>	<b>\$336,100</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$7,200			
<b>Total</b>	<b>\$7,200</b>			
Importance Code A	\$7,200			
<b>Total</b>	<b>\$7,200</b>			



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**149TH STREET BELT SYSTEM - CROSS ISLAND**  
**Asset # : 15407**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 70%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Limited Access</i>						
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE	**			
		<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Asphalt Paving Underneath</i>						
Pier Protection								
Concrete	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 70%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Limited Access</i>						
Approaches								
Pavement								
Asphalt	100%			2034	**	4		
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Curbs								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Both Sides At South Approach</i>						
Concrete w/ Steel Face	100%			LIFE	**			
		<i>Rust Stains, Extent : Moderate, Area Affected : 70%</i>						
		<i>Location : Throughout</i>						
Embankment								
Not Accessible	100%							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**149TH STREET BELT SYSTEM - CROSS ISLAND**  
**Asset # : 15407**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%			LIFE		**		
			<i>Corrosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Sidewalks								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Scupper								
Cast Iron	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : South Approach</i>					
			<i>Explanation : Total Of 2 Scuppers</i>					
<b>Piers</b>								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 10%</i>					
			<i>Location : At East And West Ends</i>					
			<i>Explanation : Limited Access On 70 Percent Area. Masonry Granite Fascia At Both Ends.</i>					
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete	2%	2-4	\$5,900	2053		**		
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	98%			2053		**		

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**149TH STREET BELT SYSTEM - CROSS ISLAND**

**Asset # : 15407**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets								
Cast Iron	100%			LIFE		**		
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
Steel	100%	4+	\$1,300	LIFE		**	2-8	
	<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Northeast And Southeast Corner</i>							
	<i>Explanation : Chain Link Fence Attached To Cast Iron Railing Throughout. Vegetation Growth</i>							
<b>Sidewalks</b>								
Concrete	100%			2038		**	5	
<b>Wearing Surface</b>								
Asphalt	100%			2034		**	5	
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
<b>Superstructure</b>								
Deck, Structural								
Not Accessible	100%							
<b>Primary Member</b>								
Concrete	100%	4+	\$336,100	LIFE		**	5	
	<i>Cracks, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Limited Access On 70 Percent Area. Covered With Wire Mesh.</i>							

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 14TH AVENUE BELT SYSTEM - CROSS ISLAND  
**Address** : 14TH AVE OVER CROSS IALAND PKWAY BTWN 148TH & 149TH STREETS  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0386.000 / 15406 **Yr Built/Renovated** :  
**Area Sq Ft** : 7,665 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231970

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$437,400	\$56,900
<b>Total</b>	<b>\$437,400</b>	<b>\$56,900</b>
Importance Code A	\$437,400	\$56,900
<b>Total</b>	<b>\$437,400</b>	<b>\$56,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$66,800			
<b>Total</b>	<b>\$66,800</b>			
Importance Code A	\$41,400			
Importance Code C	\$25,400			
<b>Total</b>	<b>\$66,800</b>			



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**14TH AVENUE BELT SYSTEM - CROSS ISLAND**  
**Asset # : 15406**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 70%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE		**		
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Asphalt Paving Underneath</i>					
Pier Protection								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 60%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Approaches								
Pavement								
Asphalt	100%	4+	\$15,200	2034		**	4	\$8,700
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete	100%	4+	\$2,000	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
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  
14TH AVENUE BELT SYSTEM - CROSS ISLAND**

**Asset # : 15406**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%	4+	\$13,200	LIFE		**		
			<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Chain Link Fence Attached To Cast Iron Railing</i>					
Sidewalks								
Concrete	100%	4+	\$3,800	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Settlement, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Southwest Corner</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 60%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	13%	2-4	\$10,500	2053		**		
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	87%			2053		**		

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**14TH AVENUE BELT SYSTEM - CROSS ISLAND**  
**Asset # : 15406**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets								
Cast Iron	100%	4+	\$15,600	LIFE		**		
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Pack Rust</i>								
Steel	100%			LIFE		**	2-8	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Light Vegetation Growth On 5 Percent Area. Chain Link Fence Attached To Cast Iron Railing.</i>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$2,900	2038		**	5	\$2,200
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Asphalt	100%			2034		**	5	\$6,800
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Superstructure</b>								
Deck, Structural								
Not Accessible	100%							
<b>Primary Member</b>								
Concrete	100%	4+	\$437,400	LIFE		**	5	\$56,900
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Granite Fascia On East Spandrel Over Both Spans</i>								
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 150TH STREET BELT SYSTEM - CROSS ISLAND  
**Address** : 150TH ST OVER CROSS ISLAND PKWY BTWN 14TH & 15TH ROADS  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0388.000 / 15408 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,510 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 08-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231950

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$18,100		\$2,200	
<b>Total</b>	<b>\$18,100</b>		<b>\$2,200</b>	
Importance Code A	\$13,200		\$100	
Importance Code C	\$4,900		\$2,100	
<b>Total</b>	<b>\$18,100</b>		<b>\$2,200</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**150TH STREET BELT SYSTEM - CROSS ISLAND**

**Asset # : 15408**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Stem (breastwall)								
Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 90%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE			**	
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Joint Mortar Missing/ Eroded</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Asphalt Paving Underneath</i>					
Pier Protection								
Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 70%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Approaches								
Pavement								
Asphalt	100%			2034			**	\$4,200
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations On Both Approaches</i>					

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**150TH STREET BELT SYSTEM - CROSS ISLAND**  
**Asset # : 15408**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Curb On North Approach Only</i>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout South Approach</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%	4+	\$2,500	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southwest Corner</i>								
Steel	100%			LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Is Attached To Cast Iron Railing</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At South Approach</i>								
<i>Explanation : Total Of 2 Scuppers</i>								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 10%</i>								
<i>Location : At East And West Ends</i>								
<i>Explanation : Limited Access On 80 Percent Area. Masonry Granite Fascia At Ends.</i>								
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**  
**150TH STREET BELT SYSTEM - CROSS ISLAND**

**Asset # : 15408**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete	100%			2053		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On East Side</i>								
Railings/Parapets								
Cast Iron	100%	4+	\$4,400	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Recent Repair Evident, Extent : N/A, Area Affected : 5%</i>								
<i>Location : East Side Near Pier</i>								
Steel	100%	4+	\$6,400	LIFE		**	2-8	\$3,700
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Attached To Cast Iron Railing</i>								
Sidewalks								
Concrete	100%	4+	\$2,300	2038		**	5	\$1,700
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On East Side</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On East Side</i>								
Wearing Surface								
Asphalt	100%			2034		**	5	\$5,100
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 160TH STREET BELY SYSTEM - CROSS ISLAND  
**Address** : 160TH ST OVER CROSS ISLAND PKWY WHITESTONE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0325.000 / 15184 **Yr Built/Renovated** : 1941 /  
**Area Sq Ft** : 5,704 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 02-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231920

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$20,400	\$4,100	\$100	\$1,800
<b>Total</b>	<b>\$20,400</b>	<b>\$4,100</b>	<b>\$100</b>	<b>\$1,800</b>
Importance Code A			\$100	
Importance Code B	\$16,800			
Importance Code C	\$3,600	\$4,100		\$1,800
<b>Total</b>	<b>\$20,400</b>	<b>\$4,100</b>	<b>\$100</b>	<b>\$1,800</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**160TH STREET BELY SYSTEM - CROSS ISLAND**

**Asset # : 15184**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	25%	0-2	\$16,800	LIFE			* *	
	<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Random Locations Throughout</i>							
Generic	75%			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								
Concrete	100%			LIFE			* *	
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Walls Are Concrete With Stone Facing. 50 Percent Not Accessible.</i>							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%			2041			* * 4 \$12,300	
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
	<i>Rust Stains, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Random Locations Throughout</i>							
Embankment								
Earth	100%			LIFE			* *	

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**160TH STREET BELY SYSTEM - CROSS ISLAND**  
**Asset # : 15184**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE			**	
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : North And South Sides</i>						
		<i>Explanation : Chain Link Fence Behind Steel Bridge Railing</i>						
Sidewalks								
Concrete	100%			LIFE			**	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Both Approaches</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE			**	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 10%</i>						
		<i>Location : Both Ends</i>						
		<i>Explanation : Ends Are Treated With Stone Facade. Stem, Solid Pier Consists Of 25 Percent Concrete, 75 Percent Not Accessible.</i>						
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			**	
		<i>Rust Stains, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Random Locations Throughout</i>						
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$3,900
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : North And South Sides</i>						
		<i>Explanation : Chain Link Fence Behind Steel Bridge Railing</i>						

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**160TH STREET BELY SYSTEM - CROSS ISLAND**

**Asset # : 15184**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2037	**	5	\$3,700	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	0-2	\$3,600	2041	**	5	\$10,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 10-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247270

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$114,700	\$53,500
<b>Total</b>	<b>\$114,700</b>	<b>\$53,500</b>
Importance Code B	\$53,500	\$53,500
Importance Code C	\$61,100	
<b>Total</b>	<b>\$114,700</b>	<b>\$53,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$182,000		\$19,800	
<b>Total</b>	<b>\$182,000</b>		<b>\$19,800</b>	
Importance Code A	\$34,500		\$4,600	
Importance Code B	\$57,900		\$5,400	
Importance Code C	\$89,600		\$9,800	
<b>Total</b>	<b>\$182,000</b>		<b>\$19,800</b>	



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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+	\$13,000	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	50%	4+	\$61,100	LIFE			**	
			<i>Cracks, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Northeast</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Northeast</i>					
Concrete	50%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Not Accessible</i>					
<b>Feature Crossed</b>								
Bank Protection								
Not Accessible	100%							
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**  
**21ST STREET BRIDGE**  
**Asset # : 13578**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	88%			2042	**	4	\$19,700	
Concrete	12%	4+	\$14,400	2042	**	4	\$19,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Along Joint Header</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$7,400	LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4		
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$9,700	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : South Approach</i>								
<i>Explanation : Two Scuppers</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$252,600	
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**  
**21ST STREET BRIDGE**  
**Asset # : 13578**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
<b>Pedestals</b>								
Not Accessible	100%							
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$13,900	LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Railings/Parapets</b>								
Concrete	70%			2042		**	4	\$8,400
Concrete	30%	4+	\$6,000	2042		**	4	\$8,400
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Northwest Corner</i>								
Steel	100%			LIFE		**	2-8	\$18,700
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$16,100	2038		**	5	\$5,500
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near Joints And Curbs</i>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$24,900	2042		**	5	\$34,600
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
<b>Joints</b>								
Steel	100%	4+	\$24,500	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Primary Member</b>								
Not Accessible	100%							
<b>Secondary Member</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 225TH STREET BELT PARKWAY-SOUTHERN PARKWAY  
**Address** : 225TH STREET OVER BELT PKWY BTW N & S CONDUITS  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0397.000 / 15417 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,700 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231640

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$455,000	\$99,500
<b>Total</b>	<b>\$455,000</b>	<b>\$99,500</b>
Importance Code A	\$455,000	\$99,500
<b>Total</b>	<b>\$455,000</b>	<b>\$99,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$171,100		\$3,100	
<b>Total</b>	<b>\$171,100</b>		<b>\$3,100</b>	
Importance Code A	\$56,600		\$3,100	
Importance Code B	\$52,900			
Importance Code C	\$61,600			
<b>Total</b>	<b>\$171,100</b>		<b>\$3,100</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**225TH STREET BELT PARKWAY-SOUTHERN PARKWAY**

**Asset # : 15417**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$8,600	LIFE			* *	
			<i>Spalling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations On Both Abutments</i>					
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Stem (breastwall)								
Concrete	9%	0-2	\$44,300	LIFE			* *	
			<i>Cracks, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : South Abutment</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 3%</i>					
			<i>Location : South Abutment</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 60%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Concrete	91%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE			* *	
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Joint Mortar Missing/ Eroded</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Asphalt Paving Underneath</i>					
Pier Protection								
Concrete	100%			LIFE			* *	
			<i>Other Observation, Extent : N/A, Area Affected : 60%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**225TH STREET BELT PARKWAY-SOUTHERN PARKWAY**  
**Asset # : 15417**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
<b>Pavement</b>								
Concrete	100%	4+	\$20,900	2042	**	4	\$31,000	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations On Both Approaches</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On Both Approaches</i>								
<hr/>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$1,900	LIFE	**			
<i>Misaligned/Bulging, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northwest Corner</i>								
<hr/>								
<b>Embankment</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<hr/>								
<b>Pavement Base</b>								
Not Accessible	100%							
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2042	**	4	\$2,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Vegetation Growth</i>								
Steel	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Piers</b>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**225TH STREET BELT PARKWAY-SOUTHERN PARKWAY**

**Asset # : 15417**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Old Repair, Extent : Light, Area Affected : 15%</i> <i>Location : South Face Of Pier</i> <i>Other Observation, Extent : N/A, Area Affected : 10%</i> <i>Location : At East And West Ends</i> <i>Explanation : Limited Access On 60 Percent Area. Masonry Granite Fascia At Both Ends.</i>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE	**			
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$2,300	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Rust Stains, Extent : Light, Area Affected : 60%</i> <i>Location : Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 3%</i> <i>Location : Random Locations Throughout</i>								
<b>Railings/Parapets</b>								
Concrete	100%			2042	**	4	\$3,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Vegetation Growth</i>								
Steel	100%			LIFE	**	2-8	\$6,900	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Rust Stains, Extent : Light, Area Affected : 15%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								
<b>Sidewalks</b>								
Concrete	100%	2-4	\$15,100	2038	**	5	\$1,900	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Rust Stains, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**225TH STREET BELT PARKWAY-SOUTHERN PARKWAY**  
**Asset # : 15417**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Wearing Surface								
Concrete	100%	2-4	\$25,600	2042	**	5	\$12,800	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Near Abutment Joints On Both Sides</i>								
<i>Explanation : Asphalt Patches</i>								
<hr/>								
<b>Superstructure</b>								
Deck, Structural								
Not Accessible	100%							
<hr/>								
Primary Member								
Concrete	10%	Now	\$455,000	LIFE	**	5	\$49,800	
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Concrete	90%			LIFE	**	5	\$99,500	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 252ND ST BRIDGE  
**Address** : 252ND STREET HHP  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0211.000 / 14579 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,500 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 26-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2229500

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$88,900	\$80,900
<b>Total</b>	<b>\$88,900</b>	<b>\$80,900</b>
Importance Code B	\$88,900	
Importance Code C		\$80,900
<b>Total</b>	<b>\$88,900</b>	<b>\$80,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$61,100			
<b>Total</b>	<b>\$61,100</b>			
Importance Code A	\$500			
Importance Code B	\$45,400			
Importance Code C	\$15,300			
<b>Total</b>	<b>\$61,100</b>			



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

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

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Roadway Asphalt</i>					
Stem (breastwall) Concrete	35%	4+	\$43,100	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	65%			LIFE			**	
Masonry: Granite	100%			LIFE			**	
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE			**	
Piles Not Accessible	100%							
Walls Masonry: Granite	100%	4+	\$1,000	LIFE			**	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Northwest Corner</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Southwest Wing</i>					
Feature Crossed								
Mat (scour & erosion) Asphalt Paving	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**  
**252ND ST BRIDGE**  
**Asset # : 14579**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Feature Crossed</b>								
Pier Protection								
Concrete	100%	2-4	\$2,300	LIFE			**	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Northwest Of Pier Protection</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Barrier</i>								
<hr/>								
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	100%	4+	\$1,600	2032	\$80,900	4	\$1,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	100%	4+	\$2,500	2040		4	\$4,300	**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Scaling</i>								
<hr/>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE				**
<i>Rust Stains, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Embankment</b>								
Earth	100%			LIFE				**
<hr/>								
<b>Guide Railing</b>								
Steel	100%			LIFE		2-8	\$400	**
Timber	100%			2032	\$34,100	4	\$1,400	**
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE				**
<hr/>								
<b>Pavement Base</b>								
Not Accessible	100%							
<hr/>								
<b>Railings/Parapets</b>								
Cast Iron	100%			LIFE				**
Granite	100%			LIFE				**
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			LIFE				**
<hr/>								
<b>Scupper</b>								
Cast Iron	100%			LIFE				**
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 2 Scuppers</i>								

Piers

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$88,900	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Granite	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Earth And Asphalt Roadway</i>					
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 75%</i>					
			<i>Location : Random Locations Throughout</i>					
Guide Railing								
Steel	100%			LIFE		**		
Timber	100%			2051		**		
Railings/Parapets								
Cast Iron	100%			LIFE		**		
Granite	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Efflorescence</i>					
Sidewalks								
Concrete	100%	4+	\$4,700	2036		**	5	\$1,700
			<i>Cracks, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Concrete	100%	2-4	\$5,500	2040		**	5	\$8,000
			<i>Cracks, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck,Structural								
Concrete	100%			LIFE		**	5	\$2,200
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**  
**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
Superstructure								
Primary Member								
Prestressed Concrete	100%			LIFE			* *	
Box Beam								

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 278 I EASTBOUND - BQE CADMAN PLZA / 278I WESTBOUND  
**Address** : 278 I EASTBOUND - BQE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0360.000 / 15374 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,352 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 07-Jul-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230888

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$164,400	\$283,000
<b>Total</b>	<b>\$164,400</b>	<b>\$283,000</b>
Importance Code B	\$84,600	\$187,200
Importance Code C	\$79,800	\$95,700
<b>Total</b>	<b>\$164,400</b>	<b>\$283,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$55,400			
<b>Total</b>	<b>\$55,400</b>			
Importance Code A	\$3,300			
Importance Code B	\$52,100			
Importance Code C				
<b>Total</b>	<b>\$55,400</b>			



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**278 I EASTBOUND - BQE CADMAN PLZA / 278I WESTBOUND**

**Asset # : 15374**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Backwall								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Stem (breastwall)								
Concrete	100%	Now	\$84,600	LIFE			* *	
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both Abutments On South End</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 80%</i>					
			<i>Location : Both Abutment Fascias</i>					
			<i>Explanation : Light Scaling/ Honeycomb In 2 Percent Of Area.</i>					
			<i>Fascia Panels Missing.</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	Now	\$79,800	LIFE			* *	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 60%</i>					
			<i>Location : Missing Panels Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Southeast Wingwall.</i>					
			<i>Explanation : Under Construction</i>					
Masonry	100%			LIFE			* *	
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Northeast Wingwall</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Approaches								
Pavement								
Asphalt	100%			2033	\$95,700	4		
Curbs								
Concrete	100%			LIFE			* *	
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
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**  
**278 I EASTBOUND - BQE CADMAN PLZA / 278I WESTBOUND**

**Asset # : 15374**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Steel	100%	4+	\$1,600	LIFE		**		
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Stem,Solid Pier								
Concrete	100%	Now	\$9,900	LIFE		**		
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : On Both Faces Of Pier</i>								
<i>Explanation : Fascia Panels Missing</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2052		**		
Railings/Parapets								
Steel	100%	4+	\$1,800	LIFE		**	2-8	
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%			2033	\$16,800	5		
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE		**	2-8	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Concrete	8%	4+	\$42,200	LIFE		**	5	\$93,600
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Infill Between Girders As Counterweight</i>								
Concrete	92%			LIFE		**	5	\$93,600

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 278 I SOUTHBOUND - BQE WEST LEG OVER 31ST AVENUE  
**Address** : BROOKLYN QUEENS EXPRESSWAY 31ST AVE BET 61ST & 68TH STS  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0352.000 / 15366 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,208 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Jul-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230740

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure		\$900		
<b>Total</b>		<b>\$900</b>		
Importance Code A		\$900		
<b>Total</b>		<b>\$900</b>		



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**278 I SOUTHBOUND - BQE WEST LEG OVER 31ST AVENUE**

**Asset # : 15366**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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	100%			LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Full Height Vertical Crack On Both Abutments</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : South Abutment At Construction Joint Near Middle And Top Of Wall</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East End Of Both Abutments</i>								
<i>Explanation : Vegetation Growth</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE			**	
<i>Vegetation Growth, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Both Wingwalls At East End</i>								
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
<b>Approaches</b>								
Pavement								
Concrete	100%			2041			**	4
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
Embankment								
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**  
**278 I SOUTHBOUND - BQE WEST LEG OVER 31ST AVENUE**

**Asset # : 15366**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041	**	4	\$2,800	
			<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Southeast And Northeast Approach</i>					
			<i>Explanation : Vegetation Growth</i>					
Deck Elements								
Railings/Parapets								
Concrete	100%			2041	**	4		
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Northeast And Southeast Corner</i>					
			<i>Explanation : Vegetation Growth</i>					
Wearing Surface								
Concrete	100%			2041	**	5		
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Prestressed Concrete	100%			LIFE	**			
Box Beam								
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Light Vegetation Near Abutments In 2 Percent Of Area. Water Stains.</i>					

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : 278I EASTBOUND - BQE 278I WESTBOUND - BQE  
 Address : BTWN WASHINGTON & OLD FULTON STS  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : DOT0377.000 / 15395 Yr Built/Renovated :  
 Area Sq Ft : 9,274 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 25-Mar-2022 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2268518

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$618,800	
<b>Total</b>	<b>\$618,800</b>	
Importance Code B	\$618,800	
<b>Total</b>	<b>\$618,800</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$9,300		\$1,000	
<b>Total</b>	<b>\$9,300</b>		<b>\$1,000</b>	
Importance Code A	\$3,600		\$400	
Importance Code C	\$5,600		\$600	
<b>Total</b>	<b>\$9,300</b>		<b>\$1,000</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**278I EASTBOUND - BQE 278I WESTBOUND - BQE**

**Asset # : 15395**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
		<i>Other Observation, Extent : N/A, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Wingwall Only On Southeast Side</i>						
Feature Crossed								
Mat (scour & erosion)								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%			2034	**	4	\$1,200	
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Limited Access</i>						
Curbs								
Concrete	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Limited Access</i>						
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Limited Access</i>						
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**278I EASTBOUND - BQE 278I WESTBOUND - BQE**

**Asset # : 15395**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier Concrete	100%	0-2	\$618,800	LIFE				**
<i>Cracks, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Delaminations, Extent : Moderate, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Rust Stains, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Moderate, Area Affected : 5%</i> <i>Location : South End</i> <i>Explanation : Limited Access To Stem Solid Pier On 50 Percent Of Area. Vegetation Growth</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2053				**
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Limited Access</i>								
Railings/Parapets								
Steel	100%	2-4	\$3,600	LIFE		**	2-8	\$10,600
<i>Other Observation, Extent : Severe, Area Affected : 10%</i> <i>Location : Near South End</i> <i>Explanation : Limited Access To Railings Throughout. Vegetation Growth</i>								
Wearing Surface								
Asphalt	100%			2034		**	5	\$11,300
<i>Cracks, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Limited Access</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
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**  
**278I EASTBOUND - BQE 278I WESTBOUND - BQE**  
**Asset # : 15395**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$132,300	\$393,800
<b>Total</b>	<b>\$132,300</b>	<b>\$393,800</b>
Importance Code A		\$310,000
Importance Code C	\$132,300	\$83,800
<b>Total</b>	<b>\$132,300</b>	<b>\$393,800</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$6,500		\$34,400	\$12,100
<b>Total</b>	<b>\$6,500</b>		<b>\$34,400</b>	<b>\$12,100</b>
Importance Code A			\$32,600	\$12,100
Importance Code B			\$1,900	
Importance Code C	\$6,500			
<b>Total</b>	<b>\$6,500</b>		<b>\$34,400</b>	<b>\$12,100</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**278I NORTH BOUND - BQE EAST LEG 32ND AVENUE TO BQE WEST LEG**  
**Asset # : 14970**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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	**			
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Formliner</i>					
<b>Feature Crossed</b>								
Bank Protection Generic	100%			LIFE	**			
Mat (scour & erosion) Generic	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Paved Roadway</i>					
Pier Protection Concrete	100%			LIFE	**			
<b>Approaches</b>								
Pavement Concrete	100%	4+	\$6,500	2039	**	4	\$12,100	
			<i>Cracks, Extent : Light, Area Affected : 7%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment Generic	100%			LIFE	**			
Mat (scour & erosion) Earth	100%			LIFE	**			

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**278I NORTH BOUND - BQE EAST LEG 32ND AVENUE TO BQE WEST LEG**  
**Asset # : 14970**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2039	**	4	\$1,700	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Concrete Barrier</i>					
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 25 Percent Concrete</i>					
Steel	100%			LIFE	**	2-8	\$34,400	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 75 Percent Steel</i>					
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	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Concrete Barrier</i>					
Wearing Surface								
Concrete	100%	4+	\$132,300	2039	**	5	\$83,800	
			<i>Cracks, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Scupper								
Cast Iron	100%			LIFE	**			
Superstructure								
Deck, Structural								
Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location :</i>					
			<i>Explanation : Stay-in-place Form</i>					

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

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

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Superstructure								
Joints								
Generic	100%			LIFE		**		
Primary Member								
Steel	100%			LIFE		**	2-8	\$579,000
Secondary Member								
Steel	100%			LIFE		**	2-8	\$29,100

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$104,600
<b>Total</b>		<b>\$104,600</b>
Importance Code A		\$49,000
Importance Code C		\$55,600
<b>Total</b>		<b>\$104,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$103,300		\$6,200	\$7,700
<b>Total</b>	<b>\$103,300</b>		<b>\$6,200</b>	<b>\$7,700</b>
Importance Code A	\$1,800		\$4,900	\$7,700
Importance Code B	\$35,000		\$1,200	
Importance Code C	\$66,500			
<b>Total</b>	<b>\$103,300</b>		<b>\$6,200</b>	<b>\$7,700</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**278I SOUTH BOUND - BQE EAST LEG 278I NORTH BOUND - BQE WEST LEG**  
**Asset # : 14975**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
Bridge Seat&pedestals Masonry	100%	4+	\$1,800	LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : South Abutment</i>							
	<i>Explanation : Cracks, 50 Percent Masonry</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Not Accessible</i>							
<b>Backwall</b>								
Concrete	100%	4+	\$20,400	LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : South Abutment</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 10%</i>							
	<i>Location : South Abutment</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Concrete</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Not Accessible</i>							
<b>Brngs,Ancr Blts,Pads</b>								
Multi-Rotational Bearing	100%			2058		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : South Abutment</i>							
	<i>Explanation : 50 Percent Multi-rotational Bearing</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Not Accessible</i>							
<b>Footings</b>								
Not Accessible	100%							
<b>Joint with Deck</b>								
Steel	100%	2-4	\$35,000	LIFE		**		
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : South Abutment</i>							
	<i>Explanation : 50 Percent Generic</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : South Abutment</i>							
	<i>Explanation : 50 Percent Not Accessible</i>							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**278I SOUTH BOUND - BQE EAST LEG 278I NORTH BOUND - BQE WEST LEG**  
**Asset # : 14975**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Pedestals								
Concrete	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : South Abutment</i>							
	<i>Explanation : 50 Percent Concrete</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : South Abutment</i>							
	<i>Explanation : 50 Percent Not Accessible</i>							
Stem (breastwall)								
Masonry	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : South Abutment</i>							
	<i>Explanation : 50 Percent Masonry</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Not Accessible</i>							
Walls								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Not Accessible</i>							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Generic</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Not Accessible</i>							
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : South Abutment</i>							
	<i>Explanation : 50 Percent Masonry</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Not Accessible</i>							

## 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		Priority
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		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Paved Roadway</i>					
Approaches								
Pavement								
Concrete	100%	4+	\$7,700	2039		**	4	\$13,200
			<i>Cracks, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
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	\$113,300
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+	\$38,400	2039		**	5	\$55,600
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck,Structural								
Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location :</i>					
			<i>Explanation : Stay-in-place Form</i>					

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

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

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Superstructure								
Joints								
Steel	100%			LIFE			* *	
Primary Member								
Steel	100%			LIFE			* * 2-8	
Secondary Member								
Steel	100%			LIFE			* * 2-8 \$19,300	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$127,000	\$319,800
<b>Total</b>	<b>\$127,000</b>	<b>\$319,800</b>
Importance Code B	\$75,300	
Importance Code C	\$51,600	\$319,800
<b>Total</b>	<b>\$127,000</b>	<b>\$319,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$119,500		\$300	
<b>Total</b>	<b>\$119,500</b>		<b>\$300</b>	
Importance Code A	\$74,600			
Importance Code B	\$38,600		\$300	
Importance Code C	\$6,400			
<b>Total</b>	<b>\$119,500</b>		<b>\$300</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**278I WEST BOUND BQE CADMAN PLAZA**  
**Asset # : 14988**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Abutments</b>							
Bridge Seat&pedestals							
Not Accessible	100%						
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+	\$75,300	LIFE			**
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>				
			<i>Location : Random Locations Throughout</i>				
			<i>Cracks, Extent : Light, Area Affected : 10%</i>				
			<i>Location : Random Locations Throughout</i>				
			<i>Spalling, Extent : Light, Area Affected : 5%</i>				
			<i>Location : Random Locations Throughout</i>				
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>				
			<i>Location : West Abutment</i>				
			<i>Explanation : Junction Box Observed</i>				
Concrete	94%			LIFE			**
<b>Wingwalls</b>							
Footings							
Not Accessible	100%						
Mat (scour & erosion)							
Generic	100%			LIFE			**
Piles							
Not Accessible	100%						
Walls							
Concrete	6%	4+	\$51,600	LIFE			**
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>				
			<i>Location : Random Locations Throughout</i>				
			<i>Cracks, Extent : Light, Area Affected : 10%</i>				
			<i>Location : Random Locations Throughout</i>				
			<i>Spalling, Extent : Light, Area Affected : 5%</i>				
			<i>Location : Random Locations Throughout</i>				
Concrete	94%			LIFE			**
<b>Feature Crossed</b>							
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paved Roadway</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$5,100	2031	\$254,400	4	\$3,900	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	11%	4+	\$6,300	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
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+	\$38,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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+	\$18,700	2050		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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		**		
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Rust</i>							
Wearing Surface Asphalt	100%	4+	\$1,300	2031	\$65,400	5	\$2,700	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Superstructure								
Deck,Structural Concrete	100%	4+	\$49,500	LIFE		**	5	\$4,900
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Joints								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE		**	2-8	
Secondary Member								
Steel	100%			LIFE		**	2-8	\$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.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 278I WESTBOUND - BQE FURMAN STREET  
**Address** : BQE WESTBOUND OVER FURMAN STREET  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0376.000 / 15394 **Yr Built/Renovated** :  
**Area Sq Ft** : 10,824 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 25-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2268517

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,816,400	\$80,400
<b>Total</b>	<b>\$1,816,400</b>	<b>\$80,400</b>
Importance Code A	\$1,623,100	\$80,400
Importance Code B	\$193,300	
<b>Total</b>	<b>\$1,816,400</b>	<b>\$80,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$13,200		\$1,200	
<b>Total</b>	<b>\$13,200</b>		<b>\$1,200</b>	
Importance Code A	\$6,000		\$600	
Importance Code C	\$7,300		\$600	
<b>Total</b>	<b>\$13,200</b>		<b>\$1,200</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**278I WESTBOUND - BQE FURMAN STREET**  
**Asset # : 15394**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE	**			
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Southwest Side</i>					
			<i>Explanation : One Wingwall Only</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Asphalt Pavement</i>					
Approaches								
Pavement								
Asphalt	100%			2034	**	4	\$1,100	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Curbs								
Concrete	100%			LIFE	**			
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4	\$800	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					

Piers

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**278I WESTBOUND - BQE FURMAN STREET**  
**Asset # : 15394**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier Concrete	100%	4+	\$193,300	LIFE			**	
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Missing Panels And At Random Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Limited Access In 50 Percent Area. Enclosed By Concrete Wall. Broken/ Missing Concrete Panels</i>								
<hr/>								
<b>Footings</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Paving</i>								
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	15%	4+	\$78,800	2053			**	
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
<hr/>								
Concrete	85%			2053			**	
<hr/>								
<b>Railings/Parapets</b>								
Steel	100%	2-4	\$6,000	LIFE		**	2-8	\$7,000
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	100%			2034		**	5	\$14,500
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck,Structural</b>								
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**  
**278I WESTBOUND - BQE FURMAN STREET**  
**Asset # : 15394**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Not Accessible	100%							
Primary Member								
Concrete	100%	4+	\$1,544,200	LIFE	**	5	\$80,400	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Concentrated At Joints</i>								
<i>Explanation : Scaling</i>								

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : 28TH AVENUE PEDESTRIAN BRIDGE CROSS ISLAND PARKWAY  
 Address : BETWEEN 28TH AVE AND 28TH RD LITTLE NECK BAY  
 Borough : QUEENS Agency's Number : N/A  
 Program / Asset # : DOT0267.000 / 15021 Yr Built/Renovated :  
 Area Sq Ft : 7,380 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 15-Nov-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2231890

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$626,100
<b>Total</b>		<b>\$626,100</b>
Importance Code C		\$626,100
<b>Total</b>		<b>\$626,100</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$19,400		\$3,400	
<b>Total</b>	<b>\$19,400</b>		<b>\$3,400</b>	
Importance Code A	\$15,100		\$3,100	
Importance Code B			\$300	
Importance Code C	\$4,400			
<b>Total</b>	<b>\$19,400</b>		<b>\$3,400</b>	



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



**DEPARTMENT OF TRANSPORTATION - 841**  
**28TH AVENUE PEDESTRIAN BRIDGE CROSS ISLAND PARKWAY**  
**Asset # : 15021**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Cap Beam								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Timber</i>						
Pier,Columns								
Timber	100%			LIFE	**			
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%							
<b>Deck Elements</b>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$17,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Primary Spans</i>						
		<i>Explanation : Chain Link Fence</i>						
Timber	100%	Now	\$12,100	LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Splitting/ Broken/ Missing</i>						
<b>Superstructure</b>								
Deck,Structural								
Timber	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Broken Missing</i>						
Primary Member								
Steel	100%			LIFE	**	2-8	\$45,500	
		<i>Rust Stains, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Over Cross Island Parkway</i>						
Secondary Member								
Steel	100%			LIFE	**	2-8	\$4,500	
		<i>Rust Stains, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Over Cross Island Parkway</i>						

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 19-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230657

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$582,100	\$1,050,800
<b>Total</b>	<b>\$582,100</b>	<b>\$1,050,800</b>
Importance Code A	\$242,900	\$701,500
Importance Code B	\$151,400	\$94,000
Importance Code C	\$187,900	\$255,300
<b>Total</b>	<b>\$582,100</b>	<b>\$1,050,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$95,200		\$19,000	\$6,200
<b>Total</b>	<b>\$95,200</b>		<b>\$19,000</b>	<b>\$6,200</b>
Importance Code A	\$23,400		\$9,600	
Importance Code B	\$59,700		\$9,400	
Importance Code C	\$12,100			\$6,200
<b>Total</b>	<b>\$95,200</b>		<b>\$19,000</b>	<b>\$6,200</b>



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%	Now	\$32,400	LIFE			**	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Center Lanes, Both Abutments</i>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	\$27,300	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Walls								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE			**	
Concrete	10%	4+	\$187,900	LIFE			**	
<i>Efflorescence, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$2,800	2032	\$138,800	4	\$2,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Curbs</b>								
Concrete	100%	4+	\$18,800	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete w/ Steel Face	90%			LIFE		**		
Concrete w/ Steel Face	10%	4+	\$3,300	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Embankment</b>								
Not Accessible	100%							
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Sidewalks</b>								
Concrete	100%	4+	\$2,500	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Piers</b>								
<b>Stem,Solid Pier</b>								
Concrete	60%	4+	\$151,400	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	40%			LIFE		**		
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Roadway</i>								

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

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

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

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

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,300	LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$3,900
Sidewalks								
Concrete	100%	4+	\$6,900	2036		**	5	\$3,400
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Asphalt	100%			2032	\$116,600		5	\$12,400
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Settlement, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck, Structural								
Concrete	25%	4+	\$242,900	LIFE		**	5	\$303,700
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Exposed Reinforcement, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	75%			LIFE		**	5	\$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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)  
**Address** : 32ND STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0176.000 / 13710 **Yr Built/Renovated** : 1930 / 1982  
**Area Sq Ft** : 8,100 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 12-Jan-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230640

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$248,400	\$80,200
<b>Total</b>	<b>\$248,400</b>	<b>\$80,200</b>
Importance Code A		\$80,200
Importance Code B	\$155,100	
Importance Code C	\$93,300	
<b>Total</b>	<b>\$248,400</b>	<b>\$80,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$27,100		\$8,200	\$19,600
<b>Total</b>	<b>\$27,100</b>		<b>\$8,200</b>	<b>\$19,600</b>
Importance Code A	\$1,400		\$8,200	
Importance Code B	\$16,200			
Importance Code C	\$9,500			\$19,600
<b>Total</b>	<b>\$27,100</b>		<b>\$8,200</b>	<b>\$19,600</b>



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Bridge Seat And Pedestals Consist Of 10 Percent Concrete, 90 Percent Not Accessible</i>								
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$16,200	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : At Both Abutments</i>								
Mat (scour & erosion) Generic	100%			LIFE		**		
Pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pedestals Consist Of 10 Percent Concrete, 90 Percent Not Accessible</i>								
Stem (breastwall) Concrete	100%	4+	\$66,500	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stem Consists Of 10 Percent Concrete, 90 Percent Not Accessible</i>								
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  
32ND STREET BRIDGE 32ND ST./278I (B.Q.E.)**

**Asset # : 13710**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%	4+	\$93,300	LIFE		**		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Walls Consist Of 40 Percent Concrete, 60 Percent Not Accessible</i>								
Approaches								
Pavement								
Concrete	100%	4+	\$5,700	2041		**	4	\$13,400
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
Curbs								
Concrete w/ Steel Face	100%	2-4	\$1,400	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast Approach</i>								
Embankment								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Steel Fence Behind Railing Throughout With Minor Corrosion</i>								
Sidewalks								
Concrete	100%	4+	\$3,800	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast Approach</i>								
Piers								

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier Concrete	5%	4+	\$88,600	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stem Consists Of 5 Percent Concrete, 95 Percent Not Accessible</i>								
Concrete	95%			LIFE			**	
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE			**	
Piles Not Accessible	100%							
<b>Deck Elements</b>								
Curbs Concrete w/ Steel Face	100%			LIFE			**	
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Mono Deck Surface Concrete	100%			2052		**	5	\$35,900
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 45%</i>								
<i>Location : West Side</i>								
<i>Explanation : Concrete Patches</i>								
Railings/Parapets Steel	100%			LIFE		**	2-8	\$3,600
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Behind Railing</i>								
Sidewalks Concrete	100%			2037		**	5	\$3,400
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Superstructure</b>								
Deck,Structural Not Accessible	100%							
Primary Member Steel	100%			LIFE		**	2-8	\$149,700
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Primary Member Consists Of 10 Percent Steel, 90 Percent Not Accessible</i>								
Secondary Member Not Accessible	100%							

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

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$317,400
<b>Total</b>		<b>\$317,400</b>
Importance Code A		\$55,100
Importance Code B		\$30,100
Importance Code C		\$232,200
<b>Total</b>		<b>\$317,400</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$56,900		\$9,300	\$1,600
<b>Total</b>	<b>\$56,900</b>		<b>\$9,300</b>	<b>\$1,600</b>
Importance Code A	\$36,100		\$5,800	
Importance Code B			\$3,500	
Importance Code C	\$20,800			\$1,600
<b>Total</b>	<b>\$56,900</b>		<b>\$9,300</b>	<b>\$1,600</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**35TH STREET 287I B.Q.E**  
**Asset # : 14972**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
<b>Feature Crossed</b>								
Bank Protection								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Generic	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Paved Roadway</i>					
Pier Protection								
Concrete	100%			LIFE		**		
<b>Approaches</b>								
Pavement								
Asphalt	100%			2031	\$232,200	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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	\$8,800	2039	**	4	\$1,500	
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 10 Percent Concrete</i>					
Steel	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 90 Percent Steel</i>					
Sidewalks								
Concrete	100%	4+	\$2,500	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$127,300	
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$86,800	
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets								
Concrete	100%	4+	\$27,300	2039	**	4	\$4,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 5 Percent Concrete</i>								
Steel	100%			LIFE	**	2-8	\$6,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 95 Percent Steel</i>								
Sidewalks								
Concrete	100%	4+	\$8,200	2035	**	5	\$2,900	
<i>Cracks, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$10,000	2039	**	5	\$14,500	
<i>Cracks, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Steel	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8		
Secondary Member								
Steel	100%			LIFE	**	2-8	\$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.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 3RD AVE. BRIDGE  
**Address** : 3RD AVE. OVER LIRR BAY RIDGE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0165.000 / 13573 **Yr Built/Renovated** : 1914 /  
**Area Sq Ft** : 17,230 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 04-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243320

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$122,100	
<b>Total</b>	<b>\$122,100</b>	
Importance Code B	\$66,200	
Importance Code C	\$55,900	
<b>Total</b>	<b>\$122,100</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$108,200		\$4,000	
<b>Total</b>	<b>\$108,200</b>		<b>\$4,000</b>	
Importance Code A	\$63,000		\$4,000	
Importance Code C	\$45,100			
<b>Total</b>	<b>\$108,200</b>		<b>\$4,000</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**3RD AVE. BRIDGE**  
**Asset # : 13573**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	\$66,200	LIFE		**		
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Both Abutments</i>					
			<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Both Abutments</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
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								
Pavement								
Concrete	100%	0-2	\$55,900	2042		**	4	\$31,600
			<i>Broken,Missing Pave, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Both Approaches</i>					
			<i>Cracks, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Both Approaches</i>					
			<i>Spalling, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Both Approaches</i>					

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**3RD AVE. BRIDGE**  
**Asset # : 13573**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	Now	\$15,900	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southeast Corner</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast Corner</i>								
<hr/>								
<b>Embankment</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<hr/>								
<b>Pavement Base</b>								
Not Accessible	100%							
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2042		**	4	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Northeast Corner</i>								
Steel	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Bottom Rails</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Railing On Top Of Concrete Parapet</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%	2-4	\$12,900	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Southeast And Southwest Corner</i>								
<hr/>								
<b>Scupper</b>								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total 4 Scuppers</i>								
<hr/>								
<b>Piers</b>								
<b>Cap Beam</b>								
Not Accessible	100%							
<hr/>								
<b>Pier,Columns</b>								
Not Accessible	100%							
<hr/>								
<b>Stem,Solid Pier</b>								
Not Accessible	100%							
<hr/>								
<b>Brngs,Ancr Blts,Pads</b>								
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**  
**3RD AVE. BRIDGE**  
**Asset # : 13573**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$28,300	LIFE		**		
			<i>Rust Stains, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Median</b>								
Concrete	100%	4+	\$12,400	LIFE		**	5	\$5,300
			<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Near North Abutment Joint</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Near North Abutment Joint</i>					
<b>Railings/Parapets</b>								
Concrete	100%			2042		**	4	\$7,300
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE		**	2-8	\$16,400
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Bottom Bar</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : On Top Of Concrete Parapets Throughout</i>					
			<i>Explanation : Chain Link Fence</i>					
<b>Sidewalks</b>								
Concrete	100%			2038		**	5	\$11,700
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wearing Surface</b>								
Concrete	100%	4+	\$27,100	2042		**	5	\$32,400
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Superstructure</b>								
<b>Deck, Structural</b>								
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**  
**3RD AVE. BRIDGE**  
**Asset # : 13573**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	100%	4+	\$5,100	LIFE				* *
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 41ST AVENUE 278I BROOKLYN-QUEENS EXPRESSWAY  
**Address** : 41ST AVE BET 70TH AND 71ST AVES. WOODSIDE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0319.000 / 15178 **Yr Built/Renovated** : 1955 /  
**Area Sq Ft** : 8,320 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230570

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$71,900
<b>Total</b>		<b>\$71,900</b>
Importance Code A		\$71,900
<b>Total</b>		<b>\$71,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$11,800	\$2,700	\$23,900	\$2,700
<b>Total</b>	<b>\$11,800</b>	<b>\$2,700</b>	<b>\$23,900</b>	<b>\$2,700</b>
Importance Code A		\$2,700	\$7,400	
Importance Code B	\$8,000			
Importance Code C	\$3,800		\$16,400	\$2,700
<b>Total</b>	<b>\$11,800</b>	<b>\$2,700</b>	<b>\$23,900</b>	<b>\$2,700</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**41ST AVENUE 278I BROOKLYN-QUEENS EXPRESSWAY**  
**Asset # : 15178**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Access Required On Brooklyn Queens Expressway Below</i>								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	10%	2-4	\$8,000	LIFE		**		
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Debris Build Up</i>								
Generic	90%			LIFE		**		
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Mat Consists Of 5 Percent Generic, 95 Percent Not Accessible</i>								
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								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Walls Consist Of 25 Percent Concrete, 75 Percent Not Accessible</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**41ST AVENUE 278I BROOKLYN-QUEENS EXPRESSWAY**  
**Asset # : 15178**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks. Pier Protection Consists Of 5 Percent Concrete, 95 Percent Not Accessible</i>								
Approaches								
Pavement								
Concrete	100%	4+	\$3,800	2041		**	4	\$13,300
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 2%</i>								
<i>Location : East Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041		**	4	\$1,900
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Railing And Fence On Top Of Concrete</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stem, Solid Pier Consists Of 5 Percent Concrete, 95 Percent Not Accessible</i>								
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**  
**41ST AVENUE 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15178**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Concrete	100%			2041	**	4	\$6,200	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE	**	2-8	\$5,600	
			<i>Other Observation, Extent : N/A, Area Affected : 95%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Steel Railing And Fence On Top Of Concrete</i>					
Sidewalks								
Concrete	100%			2037	**	5	\$5,300	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Concrete	100%			2041	**	5	\$32,900	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$134,300	
			<i>Corrosion, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 95%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Primary Member Consists Of 5 Percent Steel, 95 Percent Not Accessible</i>					
Secondary Member								
Not Accessible	100%							

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : 44TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY  
 Address : 44TH STREET OVER BQE BETWEEN ASTORIA BLVDS. N AND S  
 Borough : QUEENS Agency's Number : N/A  
 Program / Asset # : DOT0323.000 / 15182 Yr Built/Renovated :  
 Area Sq Ft : 5,472 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 12-Jan-2021 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2230840

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$184,600
<b>Total</b>		<b>\$184,600</b>
Importance Code A		\$68,200
Importance Code C		\$116,400
<b>Total</b>		<b>\$184,600</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$29,400	\$1,700	\$10,000	\$1,800
<b>Total</b>	<b>\$29,400</b>	<b>\$1,700</b>	<b>\$10,000</b>	<b>\$1,800</b>
Importance Code A	\$12,000		\$9,000	
Importance Code B			\$1,100	
Importance Code C	\$17,400	\$1,700		\$1,800
<b>Total</b>	<b>\$29,400</b>	<b>\$1,700</b>	<b>\$10,000</b>	<b>\$1,800</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**44TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY**  
**Asset # : 15182**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Bridge Seat And Pedestals Consist Of 10 Percent Concrete, 90 Percent Not Accessible</i>								
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
Mat (scour & erosion) Generic	100%			LIFE		**		
Pedestals Not Accessible	100%							
Stem (breastwall) Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stem Consists Of 10 Percent Concrete, 90 Percent Not Accessible</i>								
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Walls Consist Of 10 Percent Concrete, 90 Percent Not Accessible</i>								
<b>Feature Crossed</b>								
Mat (scour & erosion) Generic	100%			LIFE		**		
Pier Protection Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pier Protection Consists Of 20 Percent Concrete, 80 Percent Not Accessible</i>								
<b>Approaches</b>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**44TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY**  
**Asset # : 15182**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	100%			2033	\$116,400	4	\$5,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	2-4	\$9,600	LIFE		**		
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Embankment</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Concrete	100%	0-2	\$2,400	2041		**	4	\$400
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Southeast Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Southeast Approach</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Includes Steel Bridge Rail And Chain Link Fence.</i>								
<b>Sidewalks</b>								
Concrete	100%	0-2	\$5,700	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northeast Approach</i>								
<b>Piers</b>								
<b>Cap Beam</b>								
Steel	100%			LIFE		**	2-8	\$45,700
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cap Beam Consists Of 10 Percent Concrete, 90 Percent Not Accessible</i>								
<b>Pier,Columns</b>								
Steel	100%			LIFE		**	2-8	\$30,900
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : At The Base Of Column</i>								
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pier, Column Consists Of 10 Percent Steel, 90 Percent Not Accessible</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**44TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY**  
**Asset # : 15182**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$4,100	
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Includes Steel Bridge Rail And Chain Link Fence.</i>								
Sidewalks								
Concrete	100%			2037	**	5	\$3,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%	4+	\$11,700	2033	\$29,300	5	\$2,300	
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : West Span</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$127,400	
<i>Rust Stains, Extent : Light, Area Affected : 1%</i>								
<i>Location : On Top Flange On Both Sides</i>								
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Primary Member Consists Of 20 Percent Steel, 80 Percent Not Accessible</i>								
Secondary Member								
Not Accessible	100%							

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 47TH STREET GRAND CENTRAL PARKWAY  
**Address** : 47TH ST OVER GRAND CENTRAL PKWY BET ASTORIA BLVDS. N AND S  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0322.000 / 15181 **Yr Built/Renovated** : 1937 /  
**Area Sq Ft** : 5,700 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 12-Jan-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230820

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$345,000
<b>Total</b>		<b>\$345,000</b>
Importance Code A		\$77,700
Importance Code C		\$267,400
<b>Total</b>		<b>\$345,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$32,300	\$300	\$11,200	\$1,800
<b>Total</b>	<b>\$32,300</b>	<b>\$300</b>	<b>\$11,200</b>	<b>\$1,800</b>
Importance Code A	\$5,800	\$300	\$10,100	
Importance Code B	\$11,000		\$1,100	
Importance Code C	\$15,400			\$1,800
<b>Total</b>	<b>\$32,300</b>	<b>\$300</b>	<b>\$11,200</b>	<b>\$1,800</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**47TH STREET GRAND CENTRAL PARKWAY**  
**Asset # : 15181**

Bridge Structure	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	\$11,000	LIFE			**	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : North Approach</i>					
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Stem (breastwall) Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 70%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Stem Consists Of 30 Percent Concrete, 70 Percent Not Accessible</i>					
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE			**	
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE			**	
			<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Southwest Side</i>					
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE			**	
Pier Protection Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 60%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Pier Protection Consists Of 40 Percent Concrete, 60 Percent Not Accessible</i>					
Approaches								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**47TH STREET GRAND CENTRAL PARKWAY**  
**Asset # : 15181**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	100%	4+	\$5,300	2033	\$267,400	4	\$7,700	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Approach</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$2,200	LIFE	**			
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southwest Approach</i>								
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Embankment</b>								
Not Accessible	100%							
<b>Guide Railing</b>								
Concrete	100%			2041	**	4	\$900	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Northeast Approach Only</i>								
<i>Explanation : Placed For Protection Of Traffic Sign Post</i>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Southeast Side</i>								
<i>Explanation : Railing Is Only On 1 Location</i>								
<b>Sidewalks</b>								
Concrete	100%	Now	\$1,300	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southeast Approach</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southeast Approach</i>								
<b>Piers</b>								
<b>Cap Beam</b>								
Steel	100%			LIFE	**	2-8	\$48,900	
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cap Beam Consists Of 10 Percent Steel, 90 Percent Not Accessible</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**47TH STREET GRAND CENTRAL PARKWAY**  
**Asset # : 15181**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns Steel	100%			LIFE	**	2-8	\$32,400	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pier, Columns Consist Of 10 Percent Steel, 90 Percent Not Accessible</i>								
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	**			
<i>Rust Stains, Extent : Light, Area Affected : 35%</i>								
<i>Location : Random Locations Throughout</i>								
Guide Railing								
Concrete	100%			2045	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Near Northeast Approach</i>								
<i>Explanation : Placed For Protection Of Traffic Sign Post</i>								
Railings/Parapets								
Steel	100%	Now	\$3,600	LIFE	**	2-8	\$4,300	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Side</i>								
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Impact Damage At Southwest Side</i>								
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Behind Steel Railing</i>								
Sidewalks								
Concrete	100%			2037	**	5	\$3,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**47TH STREET GRAND CENTRAL PARKWAY**  
**Asset # : 15181**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface								
Concrete	100%	4+	\$8,800	2041	**	5	\$10,500	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Midspan Along Lane Strip</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$145,000	
<i>Corrosion, Extent : Light, Area Affected : 2%</i> <i>Location : On Top Flange Of West Side</i> <i>Other Observation, Extent : N/A, Area Affected : 90%</i> <i>Location : Throughout</i> <i>Explanation : Primary Member Consists Of 10 Percent Steel, 90 Percent Not Accessible</i>								
Secondary Member								
Not Accessible	100%							

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 10-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247290

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,950,400	\$748,500
<b>Total</b>	<b>\$1,950,400</b>	<b>\$748,500</b>
Importance Code A	\$759,000	\$399,900
Importance Code B	\$934,600	\$348,700
Importance Code C	\$256,800	
<b>Total</b>	<b>\$1,950,400</b>	<b>\$748,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$354,400		\$110,000	\$40,700
<b>Total</b>	<b>\$354,400</b>		<b>\$110,000</b>	<b>\$40,700</b>
Importance Code A	\$119,300		\$45,700	
Importance Code B	\$179,200		\$35,000	
Importance Code C	\$55,900		\$29,300	\$40,700
<b>Total</b>	<b>\$354,400</b>		<b>\$110,000</b>	<b>\$40,700</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**49TH AVE. BRIDGE**  
**Asset # : 13575**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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+	\$18,000	LIFE		**		
			<i>Cracks, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Header Concrete</i>					
			<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Northwest Corner</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Stem (breastwall)								
Concrete	70%			LIFE		**		
Concrete	30%	4+	\$363,900	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Both Abutments</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	85%			LIFE		**		
Concrete	15%	4+	\$188,800	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Northwest Wingwall</i>					
<b>Feature Crossed</b>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	20%	4+	\$20,700	2042	**	4	\$58,500	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	80%			2042	**	4	\$58,500	
Curbs								
Concrete w/ Steel Face	100%	4+	\$6,000	LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Stone	100%			LIFE	**			
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$23,800	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8		
Pier, Columns								
Steel	20%			LIFE	**	2-8	\$350,900	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	80%			LIFE	**	2-8	\$350,900	

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**  
**49TH AVE. BRIDGE**  
**Asset # : 13575**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier								
Concrete	80%			LIFE		**		
Concrete	20%	4+	\$222,000	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	90%			LIFE		**		
Concrete w/ Steel Face	10%	4+	\$8,000	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : At East Joint</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2042		**	4	\$10,300
Steel	100%			LIFE		**	2-8	\$23,000
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Entire Length</i>								
<i>Explanation : Chain Link Fence</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	80%			2038		**	5	\$13,600
Concrete	20%	4+	\$11,400	2038		**	5	\$6,800
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	90%			2042		**	5	\$81,400
Concrete	10%	4+	\$68,000	2042		**	5	\$40,700
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Joint Header Concrete</i>								
<i>Spalling, Extent : Light, Area Affected : 70%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 70%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Large Patched Areas</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck,Structural</b>								
Concrete	100%			LIFE		**	5	\$59,500

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**  
**49TH AVE. BRIDGE**  
**Asset # : 13575**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Generic	100%			LIFE		**		
Primary Member								
Steel	80%			LIFE		**	2-8	\$640,100
Steel	20%	4+	\$559,100	LIFE		**	2-8	\$373,400
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Minor Section Loss</i>								
Secondary Member								
Steel	100%			LIFE		**	2-8	\$549,200
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : 49TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY  
 Address : 49TH STREET OVER BQE WEST WOODSIDE  
 Borough : QUEENS Agency's Number : N/A  
 Program / Asset # : DOT0321.000 / 15180 Yr Built/Renovated : 1947 /  
 Area Sq Ft : 5,200 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 12-Jan-2021 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2230800

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$74,900
<b>Total</b>		<b>\$74,900</b>
Importance Code A		\$74,900
<b>Total</b>		<b>\$74,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$12,800	\$2,700	\$16,400	
<b>Total</b>	<b>\$12,800</b>	<b>\$2,700</b>	<b>\$16,400</b>	
Importance Code A	\$8,500		\$7,700	
Importance Code C	\$4,200	\$2,700	\$8,800	
<b>Total</b>	<b>\$12,800</b>	<b>\$2,700</b>	<b>\$16,400</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**49TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15180**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 90%</i> <i>Location : Throughout</i> <i>Explanation : Bridge Seat And Pedestals Consists Of 10 Percent Of Concrete, 90 Percent Not Accessible</i>								
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
Mat (scour & erosion) Generic	100%			LIFE		**		
Pedestals Not Accessible	100%							
Stem (breastwall) Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 90%</i> <i>Location : Throughout</i> <i>Explanation : Stem Consists Of 10 Percent Concrete, 90 Percent Not Accessible</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 60%</i> <i>Location : Throughout</i> <i>Explanation : Walls Consist Of 40 Percent Concrete, 60 Percent Not Accessible</i>								
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		**		
Pier Protection Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 60%</i> <i>Location : Throughout</i> <i>Explanation : Pier Protection Consists Of 40 Percent Concrete, 60 Percent Not Accessible</i>								
Approaches								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**49TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15180**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Concrete	90%			2041	**	4	\$8,000	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	10%	Now	\$1,500	2041	**	4	\$5,300	
<i>Spalling, Extent : Light, Area Affected : 30%</i>								
<i>Location : West Approach</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cap Beam Consists Of 10 Percent Concrete, 90 Percent Not Accessible</i>								
Pier, Columns								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pier, Column Consists Of 10 Percent Of Concrete, 90 Percent Not Accessible</i>								
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	**			
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**49TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15180**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets Concrete	100%	4+	\$8,500	2041	**	4	\$3,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Side</i>								
Steel	100%			LIFE	**	2-8	\$4,300	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Sides</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$2,700	2037	**	5	\$2,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Concrete	100%			2041	**	5	\$17,500	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Superstructure</b>								
Deck, Structural Not Accessible	100%							
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8	\$139,800	
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Primary Member Consists Of 20 Percent Steel, 80 Percent Not Accessible</i>								
<b>Secondary Member</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 49TH STREET GCP - GRAND CENTRAL PARKWAY  
**Address** : 49TH STREET BET. ASTORIA BLVD N. AND ASTORIA BLVD S.  
**Borough** : QUEENS Agency's Number : N/A  
**Program / Asset #** : DOT0279.000 / 15033 Yr Built/Renovated :  
**Area Sq Ft** : 6,160 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 15-Nov-2019 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2230890

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$406,100
<b>Total</b>		<b>\$406,100</b>
Importance Code C		\$406,100
<b>Total</b>		<b>\$406,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$32,800	\$11,300	\$2,400	
<b>Total</b>	<b>\$32,800</b>	<b>\$11,300</b>	<b>\$2,400</b>	
Importance Code A	\$5,600		\$200	
Importance Code C	\$27,200	\$11,300	\$2,200	
<b>Total</b>	<b>\$32,800</b>	<b>\$11,300</b>	<b>\$2,400</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**49TH STREET GCP - GRAND CENTRAL PARKWAY**  
**Asset # : 15033**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Not Accessible	100%							
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								
Concrete	5%	4+	\$24,400	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	95%			LIFE			**	
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%			LIFE			**	
Approaches								
Pavement								
Asphalt	100%			2032	\$406,100	4	\$8,500	
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southwest Approach</i>								
Embankment								
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**  
**49TH STREET GCP - GRAND CENTRAL PARKWAY**  
**Asset # : 15033**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%	4+	\$5,600	LIFE		**		
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Chain Link Fence</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$4,700
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Chain Link Fence</i>								
Sidewalks								
Concrete	100%			2036		**	5	\$4,400
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040		**	5	\$22,500
<b>Superstructure</b>								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841  
49TH STREET GCP - GRAND CENTRAL PARKWAY  
Asset # : 15033**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Superstructure								
Secondary Member								
Not Accessible	100%							

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 04-Apr-2022                      **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2243330

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$192,000	\$192,000
<b>Total</b>	<b>\$192,000</b>	<b>\$192,000</b>
Importance Code A	\$192,000	\$192,000
<b>Total</b>	<b>\$192,000</b>	<b>\$192,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$105,000		\$22,300	
<b>Total</b>	<b>\$105,000</b>		<b>\$22,300</b>	
Importance Code A	\$82,100		\$22,300	
Importance Code C	\$22,900			
<b>Total</b>	<b>\$105,000</b>		<b>\$22,300</b>	



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

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

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Not Accessible	100%							
		<i>Other Observation, Extent : N/A, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Paved Over With Asphalt</i>						
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 60%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Limited Access</i>						
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Railway Tracks Underneath Bridge Structure</i>						
Approaches								
Pavement Asphalt	100%	4+	\$2,800	2034		**	4	\$1,900
		<i>Cracks, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,300	LIFE		**		
<i>Misaligned/Bulging, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southeast Corner</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Northwest Corner</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	\$3,700	2042		**	4	\$1,500
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								
Sidewalks								
Concrete	100%	4+	\$3,500	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Approach</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Approaches</i>								
<i>Explanation : Total Of 2 Scuppers</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Pier,Columns								
Not Accessible	100%							

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier Concrete	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$5,000	
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Pedestals Not Accessible	100%							
Piles Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$3,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Middle Of The West Side Curb</i>								
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets Concrete	100%			2042	**	4	\$5,300	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$11,800	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								
Sidewalks Concrete	10%	Now	\$4,100	2038	**	5	\$5,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Northeast Corner</i>								
Concrete	90%			2038	**	5	\$11,300	
Wearing Surface Asphalt	100%	4+	\$9,300	2034	**	5	\$6,900	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

**Superstructure**

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	10%	2-4	\$3,200	LIFE				**
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : All Joints At Curb Except Southeast Corner</i>					
			<i>Explanation : Missing Steel Cover Plate</i>					
Generic	90%			LIFE				**
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Expansion Joint Observed Along Sidewalks And Transverse Joints Paved Over With Asphalt On Roadway</i>					
Primary Member								
Steel	100%			LIFE				**
			<i>Other Observation, Extent : Light, Area Affected : 90%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Light Paint Peeling On Exterior Girder Bottom Flanges On 5 Percent Of Area. Limited Access On Interior Girders.</i>					
Secondary Member								
Not Accessible	100%							

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

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

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

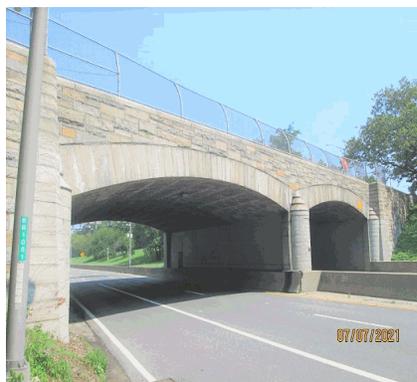
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 4TH AVENUE OVER BELT PARKWAY  
**Address** : 4TH AVE AND BELT PARKWAY FORT HAMILTON  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0354.000 / 15368 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,796 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 07-Jul-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231270

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$180,100
<b>Total</b>		<b>\$180,100</b>
Importance Code C		\$180,100
<b>Total</b>		<b>\$180,100</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$23,600			
<b>Total</b>	<b>\$23,600</b>			
Importance Code A	\$6,500			
Importance Code C	\$17,100			
<b>Total</b>	<b>\$23,600</b>			



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**4TH AVENUE OVER BELT PARKWAY**  
**Asset # : 15368**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Stem (breastwall)								
Concrete	100%			LIFE			**	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE			**	
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Southwest Wall</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%			LIFE			**	
Approaches								
Pavement								
Asphalt	100%	4+	\$9,000	2033	\$180,100	4		
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Both Approaches</i>					
Concrete	100%	4+	\$4,700	2041		4	**	
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout On West Approach</i>					
			<i>Old Repair, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Asphalt Patch On Southwest Approach</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : On West Approach</i>					
			<i>Explanation : Approach Consists Of 75 Percent Of Asphalt And 25 Percent Of Concrete</i>					
Curbs								
Concrete	100%	4+	\$2,200	LIFE			**	
			<i>Cracks, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Southwest Approach</i>					
Concrete w/ Steel Face	100%			LIFE			**	
			<i>Rust Stains, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 75%</i>					
			<i>Location : On Both Approaches</i>					
			<i>Explanation : Curbs Consist Of 75 Percent Concrete With Steel Face And 25 Percent Concrete</i>					

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**4TH AVENUE OVER BELT PARKWAY**  
**Asset # : 15368**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE		**	5	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%	4+	\$1,800	2041		**		
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout With Moderate Cases On Southwest Corner.</i>						
		<i>Explanation : Joint Mortar Missing/ Eroded</i>						
Steel	100%	2-4	\$2,500	LIFE		**		
		<i>Corrosion, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Loss of Section, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Southwest Corner</i>						
Sidewalks								
Concrete	100%			LIFE		**		
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Scupper								
Cast Iron	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 2 Scuppers Observed</i>						
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Random Locations Throughout</i>						

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**4TH AVENUE OVER BELT PARKWAY**  
**Asset # : 15368**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Median								
Concrete	100%			LIFE	**	5	\$1,000	
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Railings/Parapets								
Masonry	100%			2041	**	5		
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Joint Mortar Missing/ Eroded</i>								
<hr/>								
Steel	100%			LIFE	**	2-8		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Sides</i>								
<i>Explanation : Chain Link Fence On Top Of Stone Masonry Parapet</i>								
<hr/>								
Sidewalks								
Concrete	100%	4+	\$1,500	2037	**	5		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Wearing Surface								
Asphalt	100%	4+	\$2,000	2033	\$39,800	5		
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								
Deck, Structural								
Not Accessible	100%							
<hr/>								
Primary Member								
Concrete	100%			LIFE	**	5		
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Mesh Covering</i>								

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 65TH PLACE 278I BROOKLYN-QUEENS EXPRESSWAY  
**Address** : 65TH PLACE BET. LAUREL HILL BLVD WEST & LAUREL HILL BLVD EAST  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0316.000 / 15175 **Yr Built/Renovated** : 1957 /  
**Area Sq Ft** : 11,256 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230520

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$103,700
<b>Total</b>		<b>\$103,700</b>
Importance Code A		\$103,700
<b>Total</b>		<b>\$103,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$27,200	\$13,100	\$10,600	\$4,100
<b>Total</b>	<b>\$27,200</b>	<b>\$13,100</b>	<b>\$10,600</b>	<b>\$4,100</b>
Importance Code A		\$2,800	\$10,600	
Importance Code B	\$20,700			
Importance Code C	\$6,600	\$10,300		\$4,100
<b>Total</b>	<b>\$27,200</b>	<b>\$13,100</b>	<b>\$10,600</b>	<b>\$4,100</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**65TH PLACE 278I BROOKLYN-QUEENS EXPRESSWAY**  
**Asset # : 15175**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Abutments</b>							
Bridge Seat&pedestals Not Accessible	100%						
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
<i>Location : Throughout</i>							
<i>Explanation : Access Required On Brooklyn Queens Expressway Below</i>							
<hr/>							
Backwall Not Accessible	100%						
<hr/>							
Brngs,Ancr Blts,Pads Not Accessible	100%						
<hr/>							
Footings Not Accessible	100%						
<hr/>							
<b>Joint with Deck</b>							
Generic	8%	Now	\$20,700	LIFE			**
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>							
<i>Location : North Side</i>							
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>							
<i>Location : North Side</i>							
<i>Spalling, Extent : Severe, Area Affected : 5%</i>							
<i>Location : North Side</i>							
<hr/>							
Generic	92%			LIFE			**
<hr/>							
<b>Mat (scour &amp; erosion)</b>							
Generic	100%			LIFE			**
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>							
<i>Location : Throughout</i>							
<i>Explanation : Mat Consists Of 20 Percent Generic, 80 Percent Not Accessible</i>							
<hr/>							
<b>Pedestals</b>							
Not Accessible	100%						
<hr/>							
<b>Stem (breastwall)</b>							
Concrete	100%			LIFE			**
<i>Cracks, Extent : Light, Area Affected : 20%</i>							
<i>Location : Random Locations Throughout</i>							
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>							
<i>Location : Throughout</i>							
<i>Explanation : Stem Consists Of 20 Percent Concrete, 80 Percent Not Accessible</i>							
<hr/>							
<b>Wingwalls</b>							
<b>Footings</b>							
Not Accessible	100%						
<hr/>							
<b>Mat (scour &amp; erosion)</b>							
Earth	100%			LIFE			**
<hr/>							
<b>Piles</b>							
Not Accessible	100%						
<hr/>							
<b>Walls</b>							
Concrete	100%			LIFE			**
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>							
<i>Location : Southeast Wingwall</i>							
<hr/>							
<b>Feature Crossed</b>							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**65TH PLACE 278I BROOKLYN-QUEENS EXPRESSWAY**  
**Asset # : 15175**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pier Protection								
Concrete	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Cracks. Pier Protection Consists Of 40 Percent Concrete, 60 Percent Not Accessible</i>						
Approaches								
Pavement								
Concrete	100%			2041	**	4	\$30,800	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
		<i>Rust Stains, Extent : Light, Area Affected : 70%</i>						
		<i>Location : Random Locations Throughout</i>						
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041	**	4	\$2,200	
Steel	100%			LIFE	**			
		<i>Corrosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Sidewalks								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Both Approaches</i>						
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 60%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Stem, Solid Pier Consists Of 40 Percent Concrete, 60 Percent Not Accessible</i>						
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**65TH PLACE 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15175**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 80%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Concrete	100%			2041		**	4	\$6,200
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE		**	2-8	\$5,700
			<i>Corrosion, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Both Sides</i>					
			<i>Explanation : Steel Railing On Top Of Concrete Parapet</i>					
Sidewalks								
Concrete	100%			2037		**	5	\$8,300
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Concrete	100%	4+	\$6,600	2041		**	5	\$19,600
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE		**	2-8	\$193,600
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 95%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Primary Member Consists Of 5 Percent Steel, 95 Percent Not Accessible</i>					
Secondary Member								
Not Accessible	100%							

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 65TH PLACE LIRR MAIN LINE  
**Address** : 65TH PL. BET. WOODSIDE AVE. AND QUEENS BLVD.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0270.000 / 15024 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,107 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 01-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247160

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$6,700	\$15,200	\$2,900	
<b>Total</b>	<b>\$6,700</b>	<b>\$15,200</b>	<b>\$2,900</b>	
Importance Code A	\$2,200		\$200	
Importance Code C	\$4,500	\$15,200	\$2,700	
<b>Total</b>	<b>\$6,700</b>	<b>\$15,200</b>	<b>\$2,900</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**65TH PLACE LIRR MAIN LINE**  
**Asset # : 15024**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Railroad Property Underneath</i>							
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
Walls Not Accessible	100%							
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Piles Not Accessible	100%							
Walls Not Accessible	100%							
<b>Feature Crossed</b>								
Bank Protection Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Pier Protection Not Accessible	100%							
<b>Approaches</b>								
Pavement Concrete	100%			2040	**	4	\$13,600	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Curbs Concrete w/ Steel Face	100%			LIFE	**			
	<i>Rust Stains, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Random Locations Throughout</i>							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**65TH PLACE LIRR MAIN LINE**  
**Asset # : 15024**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$1,200	
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Top Of Concrete Parapet</i>								
<i>Explanation : Steel Fence</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2040	**	4	\$5,500	
Steel	100%			LIFE	**	2-8	\$5,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Top Of Concrete Parapet</i>								
<i>Explanation : Steel Fence</i>								
Sidewalks								
Concrete	100%			2036	**	5	\$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**  
**65TH PLACE LIRR MAIN LINE**  
**Asset # : 15024**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	100%			2040	**	5	\$30,300	
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Near South Deck Joint</i>						
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 69TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY  
**Address** : 69TH STREET BET. 41ST AVE. AND WOODSIDE AVE.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0318.000 / 15177 **Yr Built/Renovated** : 1957 /  
**Area Sq Ft** : 12,106 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230550

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$298,600
<b>Total</b>		<b>\$298,600</b>
Importance Code C		\$298,600
<b>Total</b>		<b>\$298,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$3,200	\$5,500	\$100	\$2,300
<b>Total</b>	<b>\$3,200</b>	<b>\$5,500</b>	<b>\$100</b>	<b>\$2,300</b>
Importance Code A		\$1,200	\$100	
Importance Code C	\$3,200	\$4,300		\$2,300
<b>Total</b>	<b>\$3,200</b>	<b>\$5,500</b>	<b>\$100</b>	<b>\$2,300</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**69TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15177**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Abutments</b>							
Bridge Seat&pedestals Not Accessible	100%						
		<i>Other Observation, Extent : N/A, Area Affected : 0%</i>					
		<i>Location : Throughout</i>					
		<i>Explanation : Access Required On Brooklyn Queens Expressway Below</i>					
Backwall Not Accessible	100%						
Brngs,Ancr Blts,Pads Not Accessible	100%						
Footings Not Accessible	100%						
Joint with Deck Not Accessible	100%						
		<i>Other Observation, Extent : N/A, Area Affected : 0%</i>					
		<i>Location : Throughout</i>					
		<i>Explanation : Joint Paved Over At Both Abutments</i>					
Mat (scour & erosion) Generic	100%			LIFE		**	
Pedestals Not Accessible	100%						
Stem (breastwall) Not Accessible	100%						
<b>Wingwalls</b>							
Footings Not Accessible	100%						
Mat (scour & erosion) Generic	100%			LIFE		**	
Piles Not Accessible	100%						
Walls Concrete	100%			LIFE		**	
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
		<i>Location : Throughout</i>					
		<i>Explanation : Walls Consist Of 50 Percent Concrete, 50 Percent Not Accessible</i>					
<b>Feature Crossed</b>							
Mat (scour & erosion) Generic	100%			LIFE		**	
Pier Protection Not Accessible	100%						
<b>Approaches</b>							
Pavement Asphalt	100%			2033	\$298,600	4	\$12,800
		<i>Cracks, Extent : Light, Area Affected : 5%</i>					
		<i>Location : Both Approaches</i>					

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**69TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15177**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Fencing</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier, Columns								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2041	**	4	\$3,500	
Steel	100%			LIFE	**	2-8	\$3,200	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Chain Link Fence And Steel Railing On Top Of Concrete Parapet</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**69TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15177**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2037	**	5	\$4,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Earth	100%			LIFE	**	5	\$3,600	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Gardens On Bridge Adjacent To Sidewalk</i>								
Wearing Surface								
Asphalt	100%	4+	\$3,200	2033	\$32,200	5	\$2,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : 69TH STREET 495I - LONG ISLAND EXPRESSWAY  
 Address : 69TH STREET BETWEEN BORDEN AVE AND QUEENS MIDTOWN EXPRESSWAY  
 Borough : QUEENS Agency's Number : N/A  
 Program / Asset # : DOT0278.000 / 15032 Yr Built/Renovated :  
 Area Sq Ft : 10,268 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 15-Nov-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2065950

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$340,300
<b>Total</b>		<b>\$340,300</b>
Importance Code C		\$340,300
<b>Total</b>		<b>\$340,300</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$4,800	\$22,000	\$2,700	
<b>Total</b>	<b>\$4,800</b>	<b>\$22,000</b>	<b>\$2,700</b>	
Importance Code A	\$300		\$300	
Importance Code C	\$4,400	\$22,000	\$2,400	
<b>Total</b>	<b>\$4,800</b>	<b>\$22,000</b>	<b>\$2,700</b>	



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



**DEPARTMENT OF TRANSPORTATION - 841**  
**69TH STREET 495I - LONG ISLAND EXPRESSWAY**  
**Asset # : 15032**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$1,000	
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$2,400	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : South Approach</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Southwest Sidewalk</i>								
<i>Explanation : Large Asphalt Patch</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Southeast Corner</i>								
<i>Explanation : 1 Scupper</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Granite	100%			LIFE	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$6,400	
Sidewalks								
Concrete	100%			2036	**	5	\$4,900	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$44,100	

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  
69TH STREET 495I - LONG ISLAND EXPRESSWAY**

**Asset # : 15032**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$83,500	\$671,400
<b>Total</b>	<b>\$83,500</b>	<b>\$671,400</b>
Importance Code A	\$83,500	\$441,800
Importance Code B		\$42,800
Importance Code C		\$186,800
<b>Total</b>	<b>\$83,500</b>	<b>\$671,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$31,800		\$48,900	
<b>Total</b>	<b>\$31,800</b>		<b>\$48,900</b>	
Importance Code A			\$44,600	
Importance Code B			\$4,300	
Importance Code C	\$31,800			
<b>Total</b>	<b>\$31,800</b>		<b>\$48,900</b>	



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

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

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
Bridge Seat&pedestals								
Not Accessible	100%							
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Bank Protection								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Earth	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Railroad Tracks</i>					
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$3,700	2031	\$186,800	4	\$2,500	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : South Approach</i>					
			<i>Settlement, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Rust</i>					

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

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	\$2,200	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 7%</i>					
			<i>Location : Random Locations Throughout</i>					
Piers								
Cap Beam								
Steel	5%	4+	\$83,500	LIFE	**	2-8	\$510,800	
			<i>Loss of Section, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	95%			LIFE	**	2-8	\$510,800	
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$123,200	
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	**			
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Rust</i>					
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$8,500	
Sidewalks								
Concrete	100%	4+	\$11,600	2035	**	5	\$4,000	
			<i>Cracks, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Concrete	100%	4+	\$14,200	2039	**	5	\$19,700	
			<i>Cracks, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck,Structural								
Not Accessible	100%							

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Paved Over With Asphalt Overlay</i>						
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 70TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY  
**Address** : 70TH ST BET 41ST AVE AND WOODSIDE AVE, WOODSIDE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0324.000 / 15183 **Yr Built/Renovated** : 1957 /  
**Area Sq Ft** : 8,270 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230560

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$6,600	\$5,900	\$14,200	\$3,200
<b>Total</b>	<b>\$6,600</b>	<b>\$5,900</b>	<b>\$14,200</b>	<b>\$3,200</b>
Importance Code A		\$2,800	\$200	
Importance Code B	\$6,600			
Importance Code C		\$3,100	\$13,900	\$3,200
<b>Total</b>	<b>\$6,600</b>	<b>\$5,900</b>	<b>\$14,200</b>	<b>\$3,200</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**70TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15183**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Access Required On Brooklyn Queens Expressway Below</i>							
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$6,600	LIFE			**	
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Debris Build Up</i>							
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
Wingwalls								
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%			2041		**	4	\$9,200
	<i>Cracks, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random Locations Throughout</i>							
Curbs Concrete w/ Steel Face	100%			LIFE		**		
	<i>Rust Stains, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
Embankment 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**  
**70TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15183**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041	**	4	\$1,100	
Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Steel Fencing And Steel Railing On Top Of Concrete Parapet</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2041	**	4	\$7,400	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$6,800	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Steel Railing On Top Concrete Parapet</i>								
Sidewalks								
Concrete	100%			2037	**	5	\$6,400	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2041	**	5	\$27,900	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

**Superstructure**

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**70TH STREET 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15183**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 7TH AVENUE LIRR & SEA BEACH  
**Address** : 7TH AVENUE BET. 62ND & 63RD STS  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0294.000 / 15052 **Yr Built/Renovated** :  
**Area Sq Ft** : 18,882 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 09-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243600

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$59,800	
<b>Total</b>	<b>\$59,800</b>	
Importance Code B	\$59,800	
<b>Total</b>	<b>\$59,800</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$21,900	\$34,100	\$7,200	
<b>Total</b>	<b>\$21,900</b>	<b>\$34,100</b>	<b>\$7,200</b>	
Importance Code A	\$4,100			
Importance Code C	\$17,800	\$34,100	\$7,200	
<b>Total</b>	<b>\$21,900</b>	<b>\$34,100</b>	<b>\$7,200</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**7TH AVENUE LIRR & SEA BEACH**  
**Asset # : 15052**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : No Access To Railroad Property Underneath</i>							
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	Now	\$59,800	LIFE		**		
	<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : South Abutment</i>							
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Piles Not Accessible	100%							
Walls Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion) Not Accessible	100%							
Pier Protection Not Accessible	100%							
<b>Approaches</b>								
Pavement Concrete	100%	0-2	\$17,800	2040		**	4	\$29,200
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**7TH AVENUE LIRR & SEA BEACH**  
**Asset # : 15052**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : Northwest Approach</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Embankment</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<hr/>								
<b>Pavement Base</b>								
Not Accessible	100%							
<hr/>								
<b>Railings/Parapets</b>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Fence</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Piers</b>								
<b>Cap Beam</b>								
Not Accessible	100%							
<hr/>								
<b>Pier,Columns</b>								
Not Accessible	100%							
<hr/>								
<b>Stem,Solid Pier</b>								
Not Accessible	100%							
<hr/>								
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							
<hr/>								
<b>Footings</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<hr/>								
<b>Pedestals</b>								
Not Accessible	100%							
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2040		**	4	\$12,200
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**7TH AVENUE LIRR & SEA BEACH**  
**Asset # : 15052**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2036	**	5	\$14,400	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$68,200	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

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

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

Print Date: 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 80TH ROAD LIRR MAIN LINE  
**Address** : 80TH ROAD BET GRENFELL STREET AND AUSTIN STREET, KEW GARDENS  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0326.000 / 15185 **Yr Built/Renovated** : 1909 /  
**Area Sq Ft** : 3,872 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 02-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247220

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure		\$9,800	\$7,800	\$1,200
<b>Total</b>		<b>\$9,800</b>	<b>\$7,800</b>	<b>\$1,200</b>
Importance Code A		\$1,400	\$100	
Importance Code C		\$8,500	\$7,700	\$1,200
<b>Total</b>		<b>\$9,800</b>	<b>\$7,800</b>	<b>\$1,200</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**80TH ROAD LIRR MAIN LINE**  
**Asset # : 15185**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
		<i>Other Observation, Extent : N/A, Area Affected : 0%</i>						
		<i>Location : Underside Of Deck Throughout</i>						
		<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>						
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Not Accessible	100%							
		<i>Other Observation, Extent : N/A, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Joint Paved Over At Both Abutments</i>						
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion) Not Accessible	100%							
Pier Protection Not Accessible	100%							
<b>Approaches</b>								
Pavement Concrete	100%			2041	**	4	\$25,400	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Curbs Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Embankment Earth	100%			LIFE	**			

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**80TH ROAD LIRR MAIN LINE**  
**Asset # : 15185**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
Sidewalks								
Concrete	100%			LIFE		**		
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Both Approaches</i>						
<b>Piers</b>								
Cap Beam								
Not Accessible	100%							
Pier, Columns								
Not Accessible	100%							
Brngs, Ancr Blts, Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
Railings/Parapets								
Concrete	100%			2041	**	4	\$4,100	
Steel	100%			LIFE	**	2-8	\$3,700	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : West Side</i>						
		<i>Explanation : Vegetation Growth</i>						
Sidewalks								
Concrete	100%			2037	**	5	\$2,300	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Wearing Surface								
Concrete	100%			2041	**	5	\$15,400	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Superstructure</b>								
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**  
**80TH ROAD LIRR MAIN LINE**  
**Asset # : 15185**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 80TH STREET 77TH AVE - LIRR MT  
**Address** : 80TH ST & 77TH AVE., GLENDALE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0379.000 / 15399 **Yr Built/Renovated** :  
**Area Sq Ft** : 11,542 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 29-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247570

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$126,100		\$300	
<b>Total</b>	<b>\$126,100</b>		<b>\$300</b>	
Importance Code A	\$26,500		\$300	
Importance Code B	\$54,900			
Importance Code C	\$44,700			
<b>Total</b>	<b>\$126,100</b>		<b>\$300</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**80TH STREET 77TH AVE - LIRR MT**  
**Asset # : 15399**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	Now	\$12,700	LIFE		**		
<i>Cracks, Extent : Severe, Area Affected : 15%</i>								
<i>Location : South Abutment</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Abutment</i>								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	Now	\$27,600	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Both Abutments</i>								
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations On Both Abutments</i>								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	10%	4+	\$27,300	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations On Both Abutments</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On South Abutment</i>								
<i>Rust Stains, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations On South Abutment</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On Both Abutments</i>								
Concrete	90%			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**  
**80TH STREET 77TH AVE - LIRR MT**  
**Asset # : 15399**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	20%	4+	\$22,400	LIFE		**		
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Northwest Wingwall</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southeast Wingwall</i>								
Concrete	80%			LIFE		**		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pier Protection								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Piers Adjacent To Track</i>								
<i>Explanation : Concrete Wall</i>								
Approaches								
Pavement								
Concrete	100%	4+	\$4,700	2042		**	4	\$16,400
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations On Both Approaches</i>								
<i>Spalling, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : Random Locations On Both Approaches</i>								
<i>Other Observation, Extent : N/A, Area Affected : 10%</i>								
<i>Location : South Approach</i>								
<i>Explanation : Concrete Patch</i>								
Curbs								
Concrete w/ Steel Face	100%	0-2	\$5,600	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Northeast Approach</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast Approach</i>								
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northwest Approach</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
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**  
**80TH STREET 77TH AVE - LIRR MT**  
**Asset # : 15399**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Steel	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Chain Link Fence Attached To Steel Railing</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Transverse Cracks On East Sidewalk</i>								
Piers								
Cap Beam Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
Pier,Columns Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
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+	\$2,200	LIFE		**		
<i>Delaminations, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Rust Stains, Extent : Light, Area Affected : 50%</i> <i>Location : Throughout</i>								
Railings/Parapets Steel	100%			LIFE		**	2-8	\$15,800
<i>Rust Stains, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Chain Link Fence Attached To Steel Railing</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**80TH STREET 77TH AVE - LIRR MT**  
**Asset # : 15399**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2038	**	5	\$4,000	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	0-2	\$8,900	2042	**	5	\$26,600	
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Asphalt Patches</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	100%	4+	\$8,700	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near North Abutment</i>								
<i>Explanation : Light Efflorescence And Rust Stains On 1 Percent Of Area. Evidence Of Leakage Between Beams.</i>								

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 82ND AVENUE LIRR MAIN LINE  
**Address** : 82ND AVE OVER LIRR BET GRENFELL AND AUSTIN ST, KEW GARDENS  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0327.000 / 15186 **Yr Built/Renovated** : 1909 /  
**Area Sq Ft** : 3,872 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 02-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247230

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$5,600	\$5,200	\$100	\$1,100
<b>Total</b>	<b>\$5,600</b>	<b>\$5,200</b>	<b>\$100</b>	<b>\$1,100</b>
Importance Code A	\$3,000	\$1,400	\$100	
Importance Code B				
Importance Code C	\$2,600	\$3,900		\$1,100
<b>Total</b>	<b>\$5,600</b>	<b>\$5,200</b>	<b>\$100</b>	<b>\$1,100</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**82ND AVENUE LIRR MAIN LINE**  
**Asset # : 15186**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE	**			
Mat (scour & erosion) Earth	100%			LIFE	**			
Pedestals Not Accessible	100%							
Stem (breastwall) Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
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	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Concrete Barrier</i>						
Approaches								
Pavement Concrete	100%			2041	**	4	\$11,600	
Curbs Concrete w/ Steel Face	100%	0-2	\$3,000	LIFE	**			
		<i>Rust Stains, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Settlement, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Northeast Side</i>						
Embankment Earth	100%			LIFE	**			

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**82ND AVENUE LIRR MAIN LINE**  
**Asset # : 15186**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Concrete Encased Steel	100%			LIFE	**	5	\$10,700	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Pier,Columns								
Concrete Encased Steel	100%			LIFE	**	5	\$600	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
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	**			
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%			2041	**	4	\$4,100	
Steel	100%			LIFE	**	2-8	\$3,700	
Sidewalks								
Concrete	100%			2037	**	5	\$2,100	
Wearing Surface								
Concrete	100%	4+	\$2,600	2041	**	5	\$7,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**82ND AVENUE LIRR MAIN LINE**  
**Asset # : 15186**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Not Accessible		100%						
<hr/>								
Primary Member								
Concrete Encased Steel		100%		LIFE	**	5	\$13,700	
<i>Efflorescence, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
<hr/>								
Secondary Member								
Not Accessible		100%						

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 86TH ST. BRIDGE  
**Address** : 86TH ST.  
**Borough** : BROOKLYN  
**Program / Asset #** : DOT0171.000 / 13579  
**Area Sq Ft** : 18,200  
**Date of Survey** : 22-Mar-2022  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2243570  
**Agency's Number** : N/A  
**Yr Built/Renovated** : 1995 /  
**Project Type** : HIGHWAY BRIDGES  
**Landmark Status** : NONE

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$476,100	\$360,300
<b>Total</b>	<b>\$476,100</b>	<b>\$360,300</b>
Importance Code A	\$239,200	\$180,100
Importance Code B	\$180,100	\$180,100
Importance Code C	\$56,800	
<b>Total</b>	<b>\$476,100</b>	<b>\$360,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$196,900		\$38,100	
<b>Total</b>	<b>\$196,900</b>		<b>\$38,100</b>	
Importance Code A	\$72,900		\$20,000	
Importance Code B	\$62,900		\$18,100	
Importance Code C	\$61,100			
<b>Total</b>	<b>\$196,900</b>		<b>\$38,100</b>	



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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
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	10%	4+	\$12,100	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	90%			LIFE		**		
Brngs,Ancr Blts,Pads								
Elastomeric	100%	2-4	\$59,100	2053		**		
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : East Abutment</i>					
			<i>Explanation : Fixed Elastomeric Bearings On West Abutment. Unusual Expansion From Skew</i>					
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$30,100	LIFE		**		
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At Concrete Headers</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : Both Abutments</i>					
			<i>Explanation : Behind Station Platform Wall</i>					
Walls								
Concrete	100%			LIFE		**		
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%	4+	\$56,800	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southeast And Southwest Wingwalls</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southeast And Southwest Wingwalls</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Railroad Tracks Underneath Bridge</i>								
Approaches								
Pavement								
Concrete	100%	0-2	\$31,300	2042		**	4	\$44,200
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>								
<i>Location : East Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : East Approach</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$5,700	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northwest Corner</i>								
<i>Rust Stains, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At Southeast Corner Only</i>								
<i>Explanation : Steel Railing And Chain Link Fence</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : One Scupper</i>								

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2042	**	4	\$4,000	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Parapet At South Side Only</i>								
Steel	100%			LIFE	**	2-8		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout South Side</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			2038	**	5	\$13,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$17,800	2042	**	5	\$21,300	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near Northeast Abutment</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%			LIFE	**	5	\$14,300	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout The Deck</i>								
<i>Explanation : Limited Access. Underside Covered With Stay-in-place Forms Except Middle Bay.</i>								
<hr/>								
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8	\$576,700	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$494,800	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 8TH AVENUE LIRR & SEA BEACH  
**Address** : 8TH AVENUE OVER LIRR & SEA BEACH RAIL LINE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0333.000 / 15192 **Yr Built/Renovated** : 1912 /  
**Area Sq Ft** : 10,319 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Jan-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243610

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$179,000	\$367,100
<b>Total</b>	<b>\$179,000</b>	<b>\$367,100</b>
Importance Code A	\$88,400	\$181,400
Importance Code C	\$90,600	\$185,600
<b>Total</b>	<b>\$179,000</b>	<b>\$367,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$21,700	\$2,300	\$18,800	\$2,800
<b>Total</b>	<b>\$21,700</b>	<b>\$2,300</b>	<b>\$18,800</b>	<b>\$2,800</b>
Importance Code A	\$3,200	\$2,300	\$18,400	
Importance Code B			\$400	
Importance Code C	\$18,500			\$2,800
<b>Total</b>	<b>\$21,700</b>	<b>\$2,300</b>	<b>\$18,800</b>	<b>\$2,800</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**8TH AVENUE LIRR & SEA BEACH**  
**Asset # : 15192**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2052		**		
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%			LIFE		**		
Walls								
Concrete	100%	0-2	\$88,400	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : North Side</i>								
<i>Explanation : Misaligned/ Rotated Portion Of Wall</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$90,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northwest Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Walls Consist Of 50 Percent Concrete, 50 Percent Not Accessible</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	100%	Now	\$6,200	2033	\$124,400	4	\$3,600	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**8TH AVENUE LIRR & SEA BEACH**  
**Asset # : 15192**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	2-4	\$3,200	LIFE		**		
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southwest Approach</i>								
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Embankment</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<hr/>								
<b>Pavement Base</b>								
Not Accessible	100%							
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2041	**	4	\$400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Approaches</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Railing</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Approaches</i>								
<i>Explanation : 2 Scuppers Observed</i>								
<hr/>								
<b>Piers</b>								
<b>Cap Beam</b>								
Steel	100%			LIFE	**	2-8	\$78,300	
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cap Beam Consists Of 50 Percent Steel, 50 Percent Not Accessible</i>								
<hr/>								
<b>Pier,Columns</b>								
Steel	100%			LIFE	**	2-8	\$11,700	
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pier, Columns Consist Of 50 Percent Steel, 50 Percent Not Accessible</i>								
<hr/>								
<b>Stem,Solid Pier</b>								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stem, Solid Pier Consists Of 20 Percent Concrete, 80 Percent Not Accessible</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**8TH AVENUE LIRR & SEA BEACH**  
**Asset # : 15192**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Brngs,Ancr Blts,Pads Elastomeric	100%			2052	**			
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Bearings Consist Of 20 Percent Elastomeric, 80 Percent Not Accessible</i>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE	**			
<b>Pedestals</b>								
Steel	100%			LIFE	**			
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Railings/Parapets</b>								
Concrete	100%			2041	**	4	\$6,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$5,900	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Railing</i>								
<b>Sidewalks</b>								
Concrete	100%			2037	**	5	\$5,600	
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Asphalt	100%	Now	\$12,200	2033	\$61,200	5	\$4,900	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Side</i>								
<b>Superstructure</b>								
<b>Deck,Structural</b>								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Deck Bottom Covered With Stay In Place Forms</i>								
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8	\$275,700	
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Primary Member Consists Of 10 Percent Steel, 90 Percent Not Accessible</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841  
8TH AVENUE LIRR & SEA BEACH  
Asset # : 15192**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Secondary Member								
Not Accessible		100%						

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 9TH AVENUE NYCTA BMT YARD  
**Address** : 9TH AVE. OVER NYCTA BMT YARD  
**Borough** : BROOKLYN      **Agency's Number** : N/A  
**Program / Asset #** : DOT0296.000 / 15054      **Yr Built/Renovated** :  
**Area Sq Ft** : 12,080      **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 22-Nov-2019      **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** :      **Lot** :      **BIN** : 2243840

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$33,800	\$19,400	\$200	
<b>Total</b>	<b>\$33,800</b>	<b>\$19,400</b>	<b>\$200</b>	
Importance Code A	\$2,800		\$200	
Importance Code B	\$24,800			
Importance Code C	\$6,200	\$19,400		
<b>Total</b>	<b>\$33,800</b>	<b>\$19,400</b>	<b>\$200</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**9TH AVENUE NYCTA BMT YARD**  
**Asset # : 15054**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%	Now	\$24,800	LIFE			**	
		<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Damaged Seal</i>						
Generic	60%			LIFE			**	
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Concrete	100%			2040		**	4	\$18,500
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Embankment								
Not Accessible	100%							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**9TH AVENUE NYCTA BMT YARD**  
**Asset # : 15054**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040		**	4	\$1,400
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Northwest Approach</i>						
Steel	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : On Top Of Concrete Parapet</i>						
		<i>Explanation : Chain Link Fence</i>						
Sidewalks								
Concrete	100%			LIFE		**		
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Scupper								
Cast Iron	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Northeast Approach</i>						
		<i>Explanation : 2 Approach Scuppers</i>						
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**9TH AVENUE NYCTA BMT YARD**  
**Asset # : 15054**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Railings/Parapets Concrete	100%			2040	**	4	\$7,000	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Steel	100%			LIFE	**	2-8	\$6,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : On Top Of Concrete Parapet</i>						
		<i>Explanation : Chain Link Fence</i>						
<b>Sidewalks</b>								
Concrete	100%			2036	**	5		
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Wearing Surface</b>								
Concrete	100%			2040	**	5	\$38,800	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Superstructure</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : 9TH AVENUE NYCTA IND SUBWAY  
**Address** : 9TH AVE. AND NEW UTRECHT AVENUE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0297.000 / 15055 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,240 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 22-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243940

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$323,700
<b>Total</b>		<b>\$323,700</b>
Importance Code A		\$174,000
Importance Code B		\$149,700
<b>Total</b>		<b>\$323,700</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$24,100		\$32,900	
<b>Total</b>	<b>\$24,100</b>		<b>\$32,900</b>	
Importance Code A	\$4,000		\$17,500	
Importance Code B			\$15,400	
Importance Code C	\$20,100			
<b>Total</b>	<b>\$24,100</b>		<b>\$32,900</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**9TH AVENUE NYCTA IND SUBWAY**  
**Asset # : 15055**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Backwall								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Stem (breastwall)								
Concrete Encased Steel	100%			LIFE		**		
			<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Paint Peeling</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Concrete	100%			2040		**	4	\$12,500
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
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**  
**9TH AVENUE NYCTA IND SUBWAY**  
**Asset # : 15055**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Railings/Parapets								
Concrete	100%	Now	\$1,500	2040	**	4	\$600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Back Face Of Northwest Approach Barrier</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%	4+	\$1,600	LIFE	**			
<i>Damaged Railing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$259,500	
Pier, Columns								
Steel	100%			LIFE	**	2-8	\$430,900	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%			2040	**	4	\$2,900	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Top Of Concrete Parapet</i>								
<i>Explanation : Chain Link Fence</i>								
Sidewalks								
Concrete	100%	4+	\$8,800	2036	**	5	\$3,000	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**9TH AVENUE NYCTA IND SUBWAY**  
**Asset # : 15055**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	100%	4+	\$7,100	2040	**	5	\$9,900	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$6,900	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Stay In Place Forms</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$115,400	
Secondary Member								
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.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$41,200	\$1,600	\$200	\$1,700
<b>Total</b>	<b>\$41,200</b>	<b>\$1,600</b>	<b>\$200</b>	<b>\$1,700</b>
Importance Code A	\$11,800		\$200	\$1,700
Importance Code C	\$29,400	\$1,600		
<b>Total</b>	<b>\$41,200</b>	<b>\$1,600</b>	<b>\$200</b>	<b>\$1,700</b>



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

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

Bridge Structure System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
<b>Abutments</b>							
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%						
<b>Wingwalls</b>							
Footings							
Not Accessible	100%						
Mat (scour & erosion)							
Not Accessible	100%						
Piles							
Not Accessible	100%						
Walls							
Not Accessible	100%						
<b>Feature Crossed</b>							
Bank Protection							
Riprap	100%			LIFE		**	
Mat (scour & erosion)							
Earth	100%			LIFE		**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>				
			<i>Location : Throughout</i>				
			<i>Explanation : Railroad Tracks</i>				
Pier Protection							
Not Accessible	100%						
<b>Approaches</b>							
Pavement							
Concrete	100%	4+	\$4,100	2039		**	4
			<i>Damaged Railing, Extent : Light, Area Affected : 5%</i>				
			<i>Location : Random Locations Throughout</i>				

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

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

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Curbs								
Concrete	100%	4+	\$2,000	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
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+	\$7,400	2050			* *	
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets								
Concrete	3%	4+	\$2,400	2039	**	4	\$3,300	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Concrete</i>								
Concrete	97%			2039	**	4	\$3,300	
Steel	100%			LIFE	**	2-8	\$4,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Steel</i>								
Sidewalks								
Concrete	5%	4+	\$3,600	2035	**	5	\$1,600	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	95%			2035	**	5	\$3,300	
Wearing Surface								
Concrete	8%	4+	\$7,900	2039	**	5	\$13,700	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 04-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241139

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$2,286,400	\$642,800
<b>Total</b>	<b>\$2,286,400</b>	<b>\$642,800</b>
Importance Code A		\$280,100
Importance Code B	\$2,203,800	\$280,100
Importance Code C	\$82,600	\$82,600
<b>Total</b>	<b>\$2,286,400</b>	<b>\$642,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$77,400		\$71,500	
<b>Total</b>	<b>\$77,400</b>		<b>\$71,500</b>	
Importance Code A	\$17,500		\$28,800	
Importance Code B			\$28,100	
Importance Code C	\$59,800		\$14,700	
<b>Total</b>	<b>\$77,400</b>		<b>\$71,500</b>	



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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Abutments</i>								
<i>Explanation : Recent Repair Evident</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	50%			2040		**	4	\$64,800
Concrete	50%	4+	\$38,200	2040		**	4	\$43,200
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : At East Abutment Joint</i>								
Curbs								
Concrete	100%			LIFE		**		
Concrete w/ Steel Face	100%			LIFE		**		

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
Guide Railing								
Concrete	5%	2-4	\$17,500	2044	**			
		<i>Spalling, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Corner Spall With Exposed Rebar At Northwest Corner Of Barrier</i>						
Concrete	95%			2044	**			
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : South Outer Barrier</i>						
		<i>Explanation : Misaligned Tops</i>						
Median								
Concrete	100%			LIFE	**	5	\$5,000	
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Ends Of Median</i>						
		<i>Explanation : Recent Repair Evident</i>						
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$18,700	
		<i>Corrosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						

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

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

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

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

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2036	**	5	\$29,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On North Side</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$165,200	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recent Repair Evident</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$523,200	
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Did Not Access Underside Of Truss/deck</i>								
Secondary Member								
Steel	100%	4+	\$2,203,800	LIFE	**	2-8	\$438,300	
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Impact Damage To Top Lateral Cross Frames With Recent Repair Evident In East Truss</i>								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Did Not Access Underside Of Truss/deck</i>								

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : ARTHUR KILL ROAD SIRT SOUTH SHORE  
**Address** : ARTHUR KILL RD. BET. ELLIS ST. AND ST. ANDREWS PLACE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0266.000 / 15020 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,617 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 12-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249240

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$178,600	
<b>Total</b>	<b>\$178,600</b>	
Importance Code B	\$58,600	
Importance Code C	\$120,000	
<b>Total</b>	<b>\$178,600</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$13,900		\$1,200	
<b>Total</b>	<b>\$13,900</b>		<b>\$1,200</b>	
Importance Code A	\$1,100		\$100	
Importance Code C	\$12,800		\$1,100	
<b>Total</b>	<b>\$13,900</b>		<b>\$1,200</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTHUR KILL ROAD SIRT SOUTH SHORE**  
**Asset # : 15020**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$58,600	LIFE		**		
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : East Side</i>					
			<i>Explanation : Under Construction</i>					
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		**		
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		**		
Approaches								
Pavement Concrete	100%			2040		**	4	\$30,800
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout On West Side</i>					
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : East Side</i>					
			<i>Explanation : Under Construction</i>					
Embankment Earth	100%			LIFE		**		

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTHUR KILL ROAD SIRT SOUTH SHORE**  
**Asset # : 15020**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : East Side</i>								
<i>Explanation : Under Construction</i>								
Sidewalks								
Concrete	12%	4+	\$2,500	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout On West Sidewalk</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : East Sidewalk</i>								
<i>Explanation : Under Construction</i>								
Concrete	88%			LIFE	**			
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout On West Side</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : East Side</i>								
<i>Explanation : Under Construction</i>								
Railings/Parapets								
Concrete	100%			2040	**	4	\$3,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : East Side</i>								
<i>Explanation : Under Construction</i>								
Steel	100%			LIFE	**	2-8	\$3,100	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : On Top Of Concrete Parapet</i>								
<i>Explanation : Chain Link Fence</i>								
Sidewalks								
Concrete	100%			2036	**	5	\$2,200	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout On West Side</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : East Side</i>								
<i>Explanation : Under Construction</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ARTHUR KILL ROAD SIRT SOUTH SHORE**  
**Asset # : 15020**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	100%	Now	\$120,000	2046	**	5	\$7,200	
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : East Side</i>								
<i>Explanation : Under Construction</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Concrete Encased Steel	100%			LIFE	**	5	\$18,200	
Secondary Member								
Concrete Encased Steel	100%			2059	**			

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$258,400
<b>Total</b>		<b>\$258,400</b>
Importance Code A		\$54,700
Importance Code C		\$203,700
<b>Total</b>		<b>\$258,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$139,600		\$6,300	\$4,300
<b>Total</b>	<b>\$139,600</b>		<b>\$6,300</b>	<b>\$4,300</b>
Importance Code A	\$84,800		\$5,900	\$1,300
Importance Code B	\$6,600		\$500	
Importance Code C	\$48,100			\$2,900
<b>Total</b>	<b>\$139,600</b>		<b>\$6,300</b>	<b>\$4,300</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ASTORIA BLVD. EAST BOUND 278I B.Q.E. WEST LEG**

**Asset # : 14973**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Concrete	4%	4+	\$6,600	LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : East Abutment</i>							
	<i>Explanation : Electrical Box</i>							
Concrete	96%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	4%	4+	\$8,500	LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Concrete	96%			LIFE		**		
Feature Crossed								
Bank Protection								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Generic	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Paved Roadway</i>							
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	6%	4+	\$12,200	2031	\$12,200	4	\$5,800	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Asphalt	94%			2031	\$191,500	4	\$5,800	
Curbs								
Concrete	100%	4+	\$1,600	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	10%	2-4	\$8,900	2039	**	4	\$2,700	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 20 Percent Concrete</i>								
Concrete	90%			2039	**	4	\$2,700	
Steel	100%	4+	\$1,300	LIFE	**			
<i>Loss of Section, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 80 Percent Steel</i>								
Sidewalks								
Concrete	100%	4+	\$2,200	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Steel	100%	4+	\$19,200	LIFE	**	2-8	\$126,500	
<i>Loss of Section, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ASTORIA BLVD. EAST BOUND 278I B.Q.E. WEST LEG**

**Asset # : 14973**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Pier, Columns								
Under Construction	100%							
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	7%	4+	\$18,300	2050	**			
	<i>Cracks, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
Concrete	93%			2050	**			
Railings/Parapets								
Concrete	100%	2-4	\$13,900	2039	**	4	\$5,000	
	<i>Cracks, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 20 Percent Concrete</i>							
Steel	100%	4+	\$2,400	LIFE	**	2-8	\$6,900	
	<i>Loss of Section, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 80 Percent Steel</i>							
Sidewalks								
Concrete	100%	4+	\$6,600	2035	**	5	\$2,000	
	<i>Cracks, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**ASTORIA BLVD. EAST BOUND 278I B.Q.E. WEST LEG**

**Asset # : 14973**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Wearing Surface Asphalt	100%	2-4	\$18,600	2031	\$46,500	5	\$3,700	
	<i>Cracks, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Settlement, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
<hr/>								
<b>Superstructure</b>								
Deck, Structural Concrete	100%	4+	\$19,200	LIFE	**	5	\$9,000	
	<i>Cracks, Extent : Light, Area Affected : 4%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
<hr/>								
<b>Joints</b>								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : Paved Over</i>							
<hr/>								
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8		
<hr/>								
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$7,600	

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 1906 /  
**Area Sq Ft** : 35,100 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Jan-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243530

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$64,900	\$347,400
<b>Total</b>	<b>\$64,900</b>	<b>\$347,400</b>
Importance Code A		\$347,400
Importance Code C	\$64,900	
<b>Total</b>	<b>\$64,900</b>	<b>\$347,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$73,700	\$88,000	\$81,600	
<b>Total</b>	<b>\$73,700</b>	<b>\$88,000</b>	<b>\$81,600</b>	
Importance Code A	\$28,400	\$200	\$35,200	
Importance Code B	\$28,100			
Importance Code C	\$17,200	\$87,800	\$46,400	
<b>Total</b>	<b>\$73,700</b>	<b>\$88,000</b>	<b>\$81,600</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE**

**Asset # : 13519**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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+	\$28,100	LIFE			**	
			<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Both Abutments</i>					
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE			**	
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Peeling Paint. Walls Consist Of 30 Percent Concrete, 70 Percent Not Accessible</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion) Generic	100%			LIFE			**	
Pier Protection Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 90%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Pier Protection Consists Of 10 Percent Concrete, 90 Percent Not Accessible</i>					
<b>Approaches</b>								
Pavement Concrete	100%			2041		**	4	\$263,300
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Both Approaches</i>					

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE**

**Asset # : 13519**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	0-2	\$28,400	LIFE		**		
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : On Both Approaches</i>								
<i>Rust Stains, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Northeast Approach</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041		**	4	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$13,800	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cap Beam Consists Of 15 Percent Concrete, 85 Percent Not Accessible</i>								
Pier,Columns								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 85%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pier Columns Consist Of 15 Percent Concrete, 85 Percent Not Accessible</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**AVENUE H. BRIDGE AVENUE H./LIRR BAY RIDGE**

**Asset # : 13519**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pedestals								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 85%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pedestals Consist Of 15 Percent Concrete, 85 Percent Not Accessible</i>								
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2041		**	4	\$600
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northeast Side</i>								
<hr/>								
Steel	100%			LIFE		**	2-8	\$9,100
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$3,400	2037		**	5	\$800
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 30%</i>								
<i>Location : Northwest Side</i>								
<i>Explanation : Sidewalks Consist Of 70 Percent Concrete, 30 Percent Not Accessible Due To Obstruction From Private Property</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	33%	Now	\$64,900	2041		**	5	\$46,400
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Concrete	67%			2041		**	5	\$92,800
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
<hr/>								
<b>Primary Member</b>								
Steel	100%			LIFE		**	2-8	\$648,900
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling. Primary Member Consists Of 5 Percent Steel, 95 Percent Not Accessible</i>								

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

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

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

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

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Superstructure								
Secondary Member								
Not Accessible	100%							

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : BANCROFT AVENUE SIRT SOUTH SHORE  
**Address** : BANCROFT AVE BET N. RAILROAD AVE AND S. RAILROAD AVE  
**Borough** : STATEN ISLAND                      **Agency's Number** : N/A  
**Program / Asset #** : DOT0259.000 / 15013                      **Yr Built/Renovated** :  
**Area Sq Ft** : 5,858    **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 09-Jan-2020                                      **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** :                                      **Lot** :                                      **BIN** : 2249440

**CAPITAL**

**Total**

Importance Code

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**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$13,200	\$10,400	\$200	
<b>Total</b>	<b>\$13,200</b>	<b>\$10,400</b>	<b>\$200</b>	
Importance Code A			\$200	
Importance Code C	\$13,200	\$10,400		
<b>Total</b>	<b>\$13,200</b>	<b>\$10,400</b>	<b>\$200</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BANCROFT AVENUE SIRT SOUTH SHORE**  
**Asset # : 15013**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Concrete	100%			2040		**	4	\$22,400
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
			Corrosion, Extent : Light, Area Affected : 5%					
			Location : Vertical Bars					

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BANCROFT AVENUE SIRT SOUTH SHORE**  
**Asset # : 15013**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$4,300
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$5,800	2036		**	5	\$2,000
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040		**	5	\$20,900
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841  
BANCROFT AVENUE SIRT SOUTH SHORE  
Asset # : 15013**

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : BATTERY PARK TUNNEL BATTERY PLACE/FDR DRIVE  
 Address : BATTERY PLACE  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : DOT0082.000 / 2511 Yr Built/Renovated : 1954 /  
 Area Sq Ft : 69,993 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 03-Feb-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2232000

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$356,100	\$13,458,700
<b>Total</b>	<b>\$356,100</b>	<b>\$13,458,700</b>
Importance Code A		\$410,300
Importance Code C	\$356,100	\$13,048,400
<b>Total</b>	<b>\$356,100</b>	<b>\$13,458,700</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$117,100		\$5,500	
<b>Total</b>	<b>\$117,100</b>		<b>\$5,500</b>	
Importance Code A	\$83,600		\$5,500	
Importance Code C	\$33,600			
<b>Total</b>	<b>\$117,100</b>		<b>\$5,500</b>	



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

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

**Asset # : 2511**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
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	100%			LIFE	**			
			<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Approaches								
Pavement								
Asphalt	100%			2032	\$4,830,600	4	\$100,700	
			<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Curbs								
Concrete	100%			LIFE	**			
Concrete w/ Steel Face	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Deck Elements								
Curbs								
Concrete	100%			2051	**			
Concrete w/ Steel Face	100%			LIFE	**			
Granite	100%			LIFE	**			
Railings/Parapets								
Concrete	100%			2040	**	4	\$250,700	
Steel	100%			LIFE	**	2-8	\$153,000	

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

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

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

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

**Asset # : 2511**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2036	**	5	\$108,000	
Granite Paver	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Fascia</i>								
<i>Explanation : Pavers At North Fascia</i>								
Wearing Surface								
Asphalt	100%			2032	\$7,861,700	5	\$604,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recent Repair Evident</i>								
Superstructure								
Primary Member								
Concrete	100%			LIFE	**	5	\$360,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recent Repair Evident</i>								

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 22-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231290

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$243,200	\$243,200
<b>Total</b>	<b>\$243,200</b>	<b>\$243,200</b>
Importance Code A	\$243,200	\$243,200
<b>Total</b>	<b>\$243,200</b>	<b>\$243,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$126,100		\$33,200	\$9,900
<b>Total</b>	<b>\$126,100</b>		<b>\$33,200</b>	<b>\$9,900</b>
Importance Code A	\$93,400		\$31,700	
Importance Code B	\$17,200		\$1,500	
Importance Code C	\$15,500			\$9,900
<b>Total</b>	<b>\$126,100</b>		<b>\$33,200</b>	<b>\$9,900</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BAY 8TH STREET BELT PARKWAY**  
**Asset # : 14960**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Multi-Rotational Bearing	100%			2061	**			
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	**			
		<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout With Moderate Cases On North Abutment</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Northwest Corner</i> <i>Explanation : Vegetation Growth</i>						
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Masonry	100%			LIFE	**			
		<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Vegetation Growth, Extent : Moderate, Area Affected : 40%</i> <i>Location : Random Locations Throughout With Severe Cases On Southwest Wingwall</i>						
<b>Feature Crossed</b>								
Mat (scour & erosion) Asphalt Paving	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Belt Parkway</i>						
<b>Approaches</b>								
Pavement Concrete	100%	4+	\$15,500	2042	**	4	\$26,500	
		<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 2%</i> <i>Location : South Approach</i>						

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BAY 8TH STREET BELT PARKWAY**  
**Asset # : 14960**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2042	**	4	\$5,600	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout On West Side</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE	**	5	\$2,200	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4	\$3,000	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Vegetation Growth</i>					
Steel	100%			LIFE	**			
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Steel Railing And Chain Link Fence On Top Of Concrete Parapet</i>					
Sidewalks								
Concrete	100%			LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout On West Side</i>					
<b>Deck Elements</b>								
Guide Railing								
Concrete	100%			2046	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout On West Side</i>					
Median								
Concrete	100%			LIFE	**	5	\$2,100	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BAY 8TH STREET BELT PARKWAY**  
**Asset # : 14960**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets Concrete	100%			2042	**	4	\$5,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Vegetation Growth</i>								
Steel	100%			LIFE	**	2-8	\$12,600	
<i>Other Observation, Extent : N/A, Area Affected : 5%</i> <i>Location : Small Holes Patched Near North Abutment On West Side</i> <i>Explanation : Recent Repair Evident</i>								
Sidewalks								
Concrete	100%			2038	**	5	\$1,900	
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout On West Side</i> <i>Explanation : Map Cracks</i>								
Wearing Surface								
Concrete	100%			2042	**	5	\$19,900	
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural Concrete	100%			LIFE	**	5	\$10,600	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations On Overhang Portions</i> <i>Explanation : Limited Access Due To Stay In Place Forms In 90 Percent Area. Vegetation Growth.</i>								
Primary Member Steel	100%			LIFE	**	2-8	\$778,400	
Secondary Member Steel	100%			LIFE	**	2-8	\$40,100	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : BEACH AVENUE SIRT SOUTH SHORE  
**Address** : BEACH AVE BET NEW DORP PLAZA AND S. RAILROAD AVE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0260.000 / 15014 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,700 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 12-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249400

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$53,900	\$7,300	\$100	
<b>Total</b>	<b>\$53,900</b>	<b>\$7,300</b>	<b>\$100</b>	
Importance Code A			\$100	
Importance Code C	\$53,900	\$7,300		
<b>Total</b>	<b>\$53,900</b>	<b>\$7,300</b>	<b>\$100</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BEACH AVENUE SIRT SOUTH SHORE**  
**Asset # : 15014**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
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	5%	4+	\$40,600	LIFE			* *	
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : East Side</i>					
Concrete	95%			LIFE			* *	
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Pier Protection								
Concrete	100%			LIFE			* *	
Approaches								
Pavement								
Concrete	100%			2040		* *	4	\$30,800
Curbs								
Concrete w/ Steel Face	100%			LIFE			* *	
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
Earth	100%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
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**  
**BEACH AVENUE SIRT SOUTH SHORE**  
**Asset # : 15014**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Steel	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$3,100	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%	0-2	\$3,000	2036	**	5	\$1,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$14,700	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
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**  
**BEACH AVENUE SIRT SOUTH SHORE**  
**Asset # : 15014**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 18-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231360

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,251,400	\$1,251,400
<b>Total</b>	<b>\$1,251,400</b>	<b>\$1,251,400</b>
Importance Code A	\$1,104,700	\$1,104,700
Importance Code B	\$66,300	\$66,300
Importance Code C	\$80,400	\$80,400
<b>Total</b>	<b>\$1,251,400</b>	<b>\$1,251,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$424,200		\$145,500	
<b>Total</b>	<b>\$424,200</b>		<b>\$145,500</b>	
Importance Code A	\$412,100		\$117,300	
Importance Code B	\$12,100		\$6,600	
Importance Code C			\$21,600	
<b>Total</b>	<b>\$424,200</b>		<b>\$145,500</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT PARKWAY OCEAN PARKWAY**  
**Asset # : 14959**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE	**			
Mat (scour & erosion) Generic	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : On Both Sides</i>						
		<i>Explanation : Concrete Sidewalk</i>						
Pedestals Concrete	100%			LIFE	**			
Stem (breastwall) Concrete	100%			LIFE	**			
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Masonry: Stone	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Light Joint Mortar Missing / Eroded On 2 Percent Area. Efflorescence</i>						
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Ocean Avenue And Concrete Sidewalks</i>						
Pier Protection Concrete	100%			LIFE	**			
Approaches								
Pavement Concrete	100%			2042	**	4	\$43,200	
Embankment 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**  
**BELT PARKWAY OCEAN PARKWAY**  
**Asset # : 14959**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	100%			LIFE	**	5	\$1,400	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4	\$2,000	
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Pier, Columns								
Concrete	100%			LIFE	**			
Brngs, Ancr Blts, Pads								
Elastomeric	100%			2053	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Concrete</i>						
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$4,900	
Railings/Parapets								
Concrete	100%			2042	**	4	\$10,000	
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Water Stains</i>						
Steel	100%			LIFE	**	2-8	\$22,400	
Wearing Surface								
Concrete	100%			2042	**	5	\$160,700	
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$63,500	
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout Underside Of Deck</i>						

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT PARKWAY OCEAN PARKWAY**  
**Asset # : 14959**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	100%			LIFE	**	2-8	\$3,536,700	
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$182,100	
<i>Rust Stains, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 18-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231499

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$1,191,700
<b>Total</b>		<b>\$1,191,700</b>
Importance Code A		\$1,132,000
Importance Code B		\$59,600
<b>Total</b>		<b>\$1,191,700</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$24,600		\$105,800	
<b>Total</b>	<b>\$24,600</b>		<b>\$105,800</b>	
Importance Code A	\$2,700		\$99,800	
Importance Code B			\$6,000	
Importance Code C	\$21,900			
<b>Total</b>	<b>\$24,600</b>		<b>\$105,800</b>	



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT PARKWAY BRIDGE / ROCKAWAY PARKWAY**

**Asset # : 14785**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
<b>Abutments</b>							
Bridge Seat&pedestals Concrete	100%			LIFE		**	
		<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>					
		<i>Location : Random Locations Throughout</i>					
		<i>Explanation : Pigeon Debris And Pigeon Spikes Present</i>					
Backwall Concrete	100%			LIFE		**	
Brngs,Ancr Blts,Pads Elastomeric	100%			2051		**	
Footings Not Accessible	100%						
Joint with Deck Steel	100%			LIFE		**	
Mat (scour & erosion) Generic	100%			LIFE		**	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Throughout</i>					
		<i>Explanation : Sidewalk</i>					
Pedestals Concrete	100%			LIFE		**	
		<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>					
		<i>Location : Random Locations Throughout</i>					
		<i>Explanation : Pigeon Debris And Pigeon Spikes Present</i>					
Stem (breastwall) Concrete	100%			LIFE		**	
		<i>Cracks, Extent : Light, Area Affected : 10%</i>					
		<i>Location : Random Locations Throughout</i>					
		<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>					
		<i>Location : Random Locations Throughout</i>					
		<i>Explanation : Pigeon Debris</i>					
<b>Wingwalls</b>							
Footings Not Accessible	100%						
Mat (scour & erosion) Earth	100%			LIFE		**	
Piles Not Accessible	100%						
Walls Concrete	100%			LIFE		**	
Granite	100%			LIFE		**	
		<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
		<i>Location : Random Locations Throughout</i>					
		<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
		<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT PARKWAY BRIDGE / ROCKAWAY PARKWAY**

**Asset # : 14785**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Underneath Bridge</i>							
	<i>Explanation : Roadway</i>							
Approaches								
Pavement								
Asphalt	100%			2032			4	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Ten Feet Behind Abutment</i>							
	<i>Explanation : Ten Feet Behind Abutment</i>							
Concrete	100%			2040	**	4	\$65,800	
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8		
Timber	100%			2032	**	4		
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE	**	5		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$3,700	
Steel	100%			LIFE	**			
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$1,000	
Mono Deck Surface								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$4,300	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Steel	100%			LIFE	**	2-8	\$3,900	
Wearing Surface								
Concrete	100%			2040	**	5		
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$138,200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Stay In Place Forms Present</i>							

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT PARKWAY BRIDGE / ROCKAWAY PARKWAY**

**Asset # : 14785**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$51,100	\$1,053,700
<b>Total</b>	<b>\$51,100</b>	<b>\$1,053,700</b>
Importance Code A	\$51,100	\$301,900
Importance Code C		\$751,800
<b>Total</b>	<b>\$51,100</b>	<b>\$1,053,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$205,800		\$31,500	\$4,500
<b>Total</b>	<b>\$205,800</b>		<b>\$31,500</b>	<b>\$4,500</b>
Importance Code A	\$125,100		\$30,800	
Importance Code B	\$27,600		\$700	
Importance Code C	\$53,100			\$4,500
<b>Total</b>	<b>\$205,800</b>		<b>\$31,500</b>	<b>\$4,500</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT SYSTEM - SHORE PARKWAY BEDFORD AVENUE**

**Asset # : 14986**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$9,600	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Backwall Concrete	100%	4+	\$31,800	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads Steel	100%			LIFE				**
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Rusted</i>								
Footings Not Accessible	100%							
Joint with Deck Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE				**
Pedestals Concrete	3%	4+	\$10,800	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>								
Concrete	97%			LIFE				**
Stem (breastwall) Concrete	3%	4+	\$20,400	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 3%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : East Abutment</i> <i>Explanation : Electrical Box</i>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Walls								
Concrete	100%	4+	\$5,600	LIFE			**	
<i>Joints Missing, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Masonry Stone Under Fascias</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	\$6,200	LIFE			**	
<i>Joints Missing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paved Roadway</i>								
Approaches								
Pavement								
Asphalt	4%	4+	\$11,700	2031	\$23,400	4	\$8,900	
<i>Cracks, Extent : Light, Area Affected : 7%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Asphalt	96%			2031	\$562,400	4	\$8,900	
Curbs								
Concrete	100%	4+	\$1,100	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Median								
Concrete	100%	4+	\$4,000	LIFE	**	5	\$900	
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 75 Percent Concrete</i>							
Steel	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 25 Percent Steel</i>							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Abandoned Steel Railing</i>							
Piers								
Cap Beam								
Steel	100%	4+	\$49,000	LIFE	**	2-8	\$170,900	
	<i>Loss of Section, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Rusted</i>							
Pier,Columns								
Masonry	100%			LIFE	**			
	<i>Joints Missing, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random Locations Throughout</i>							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$1,800	
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	1%	4+	\$3,300	2050			**	
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	99%			2050			**	
<b>Median</b>								
Concrete	100%	4+	\$6,900	LIFE		**	5	\$1,600
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 75 Percent Concrete</i>								
Steel	100%			LIFE		**	4-8	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Guide Rail, 25 Percent Steel</i>								
<b>Railings/Parapets</b>								
Steel	100%			LIFE		**	2-8	\$11,800
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Abandoned Steel Railing</i>								
<b>Wearing Surface</b>								
Asphalt	100%	4+	\$3,300	2031	\$165,900		5	\$7,000
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%	4+	\$51,100	LIFE		**	5	\$12,700
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Joints</b>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	4%	4+	\$35,000	LIFE	* *	2-8	\$212,900	
<i>Loss of Section, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rusted</i>								
Steel	96%			LIFE	* *	2-8	\$212,900	
Secondary Member								
Steel	100%	4+	\$7,200	LIFE	* *	2-8	\$10,700	
<i>Loss of Section, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 3%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Rusted</i>								

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

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

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

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$50,500	\$1,033,500
<b>Total</b>	<b>\$50,500</b>	<b>\$1,033,500</b>
Importance Code A	\$50,500	\$298,800
Importance Code C		\$734,600
<b>Total</b>	<b>\$50,500</b>	<b>\$1,033,500</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$217,800		\$31,100	\$4,500
<b>Total</b>	<b>\$217,800</b>		<b>\$31,100</b>	<b>\$4,500</b>
Importance Code A	\$136,400		\$30,500	
Importance Code B	\$27,600		\$700	
Importance Code C	\$53,800			\$4,500
<b>Total</b>	<b>\$217,800</b>		<b>\$31,100</b>	<b>\$4,500</b>



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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT SYSTEM - SHORE PARKWAY NOSTRAND AVENUE**

**Asset # : 14987**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$9,600	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Backwall Concrete	100%	4+	\$31,800	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads Steel	100%			LIFE				**
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Rusted</i>								
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE				**
Mat (scour & erosion) Generic	100%			LIFE				**
Pedestals Concrete	3%	4+	\$10,800	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>								
Concrete	97%			LIFE				**
Stem (breastwall) Concrete	3%	4+	\$20,400	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 3%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : East Abutment</i> <i>Explanation : Electrical Box</i>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Walls								
Concrete	100%	4+	\$5,600	LIFE			**	
<i>Joints Missing, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Masonry Stone Under Fascias</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	\$5,100	LIFE			**	
<i>Joints Missing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paved Roadway</i>								
Approaches								
Pavement								
Asphalt	4%	4+	\$11,700	2031	\$23,400	4	\$8,900	
<i>Cracks, Extent : Light, Area Affected : 7%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Asphalt	96%			2031	\$562,400	4	\$8,900	
Curbs								
Concrete	100%	4+	\$5,700	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	100%	4+	\$8,000	LIFE	**	5	\$900	
	<i>Spalling, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Vegetation Growth, Extent : Light, Area Affected : 15%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 75 Percent Concrete</i>							
Steel	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 25 Percent Steel, Guide Rail</i>							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 50 Percent Abandoned Steel Railing</i>							
Piers								
Cap Beam								
Steel	100%	4+	\$49,000	LIFE	**	2-8	\$170,900	
	<i>Loss of Section, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Rusted</i>							
Pier,Columns								
Masonry	100%			LIFE	**			
	<i>Joints Missing, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$1,800	
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	2%	4+	\$6,100	2050		**		
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	98%			2050		**		
<b>Median</b>								
Concrete	100%	4+	\$6,800	LIFE		**	5	\$1,500
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 75 Percent Concrete</i>								
Steel	100%			LIFE		**	4-8	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 25 Percent Steel, Guide Rail</i>								
<b>Railings/Parapets</b>								
Steel	100%			LIFE		**	2-8	\$11,600
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Abandoned Steel Railing</i>								
<b>Wearing Surface</b>								
Asphalt	100%	4+	\$3,000	2031	\$148,800		5	\$6,300
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%	4+	\$50,500	LIFE		**	5	\$12,500
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

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

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

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

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT SYSTEM - SHORE PARKWAY NOSTRAND AVENUE**

**Asset # : 14987**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	100%	4+	\$2,200	LIFE				**
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 4%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random Locations Throughout</i>							
Primary Member								
Steel	4%	4+	\$34,900	LIFE		**	2-8	\$210,000
	<i>Loss of Section, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Rusted</i>							
Steel	96%			LIFE		**	2-8	\$210,000
Secondary Member								
Steel	100%	4+	\$7,200	LIFE		**	2-8	\$10,600
	<i>Loss of Section, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Rusted</i>							

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

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

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : BELT SYSTEM - SHORE PARKWAY OVER BAY RIDGE AVENUE  
**Address** : BELT PARKWAY AT BAY RIDGE AVENUE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0353.000 / 15367 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,960 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 07-Jul-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231249

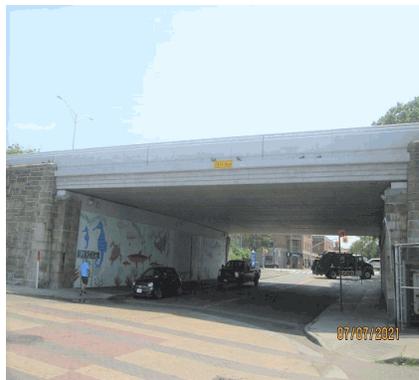
**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure		\$700		
<b>Total</b>		<b>\$700</b>		
Importance Code A		\$700		
<b>Total</b>		<b>\$700</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT SYSTEM - SHORE PARKWAY OVER BAY RIDGE AVENUE**

**Asset # : 15367**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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)								
Concrete	100%			LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : South Abutment</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE	**			
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Southwest Wing Wall</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Southeast And Southwest Wing Walls</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
<b>Approaches</b>								
Pavement								
Concrete	100%			2041	**	4		
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE	**	5		
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**  
**BELT SYSTEM - SHORE PARKWAY OVER BAY RIDGE AVENUE**

**Asset # : 15367**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Concrete	100%			2041	**	4	\$2,100	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Southeast Parapet</i>								
<i>Explanation : Vegetation Growth</i>								
Deck Elements								
Median Concrete	100%			LIFE	**	5	\$1,000	
Railings/Parapets Concrete	100%			2041	**	4		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On East Side</i>								
Wearing Surface Concrete	100%			2041	**	5		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural Not Accessible	100%							
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$61,000	\$846,500
<b>Total</b>	<b>\$61,000</b>	<b>\$846,500</b>
Importance Code A	\$61,000	\$74,400
Importance Code C		\$772,100
<b>Total</b>	<b>\$61,000</b>	<b>\$846,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$116,400		\$8,600	
<b>Total</b>	<b>\$116,400</b>		<b>\$8,600</b>	
Importance Code A	\$34,100		\$7,800	
Importance Code B	\$19,900		\$800	
Importance Code C	\$62,400			
<b>Total</b>	<b>\$116,400</b>		<b>\$8,600</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT SYSTEM - SHORE PKWY OCEAN AVENUE**

**Asset # : 14985**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$9,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Backwall Concrete	100%	4+	\$32,500	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads Steel	100%			LIFE		**		
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
Mat (scour & erosion) Generic	100%	4+	\$2,700	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Pedestals Concrete	100%			LIFE		**		
Stem (breastwall) Concrete	5%	4+	\$17,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : East Abutment</i> <i>Explanation : Eletrical Box</i>								
Concrete	95%			LIFE		**		
Walls Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Masonry Stone Under Fascias</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Piles Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT SYSTEM - SHORE PKWY OCEAN AVENUE**  
**Asset # : 14985**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Masonry	100%			LIFE		**		
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paved Roadway</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$11,800	2031	\$591,400	4	\$9,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	100%	4+	\$1,100	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Median								
Concrete	12%	4+	\$9,500	LIFE		**	5	\$900
<i>Spalling, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 75 Percent Concrete</i>								
Concrete	88%			LIFE		**	5	\$900
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Guide Rail, 25 Percent Steel</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Abandoned Steel Railing</i>								

## Piers

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT SYSTEM - SHORE PKWY OCEAN AVENUE**

**Asset # : 14985**

Bridge Structure		Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Piers									
Cap Beam									
Steel	100%			LIFE	**	2-8	\$172,000		
Pier,Columns									
Masonry	100%			LIFE	**				
Brngs,Ancr Blts,Pads									
Steel	100%			LIFE	**	2-8	\$1,800		
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Generic	100%			LIFE	**				
Piles									
Not Accessible	100%								
Deck Elements									
Curbs									
Concrete	1%	4+	\$5,600	2050	**				
<i>Spalling, Extent : Light, Area Affected : 4%</i>									
<i>Location : Random Locations Throughout</i>									
Concrete	99%			2050	**				
Median									
Concrete	100%	4+	\$8,200	LIFE	**	5	\$1,900		
<i>Cracks, Extent : Light, Area Affected : 5%</i>									
<i>Location : Random Locations Throughout</i>									
<i>Spalling, Extent : Light, Area Affected : 7%</i>									
<i>Location : Random Locations Throughout</i>									
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>									
<i>Location : Random Locations Throughout</i>									
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Explanation : 75 Percent Concrete</i>									
Steel	100%			LIFE	**	4-8			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Explanation : 25 Percent Steel</i>									
Railings/Parapets									
Steel	100%			LIFE	**	2-8	\$7,000		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>									
<i>Location : Throughout</i>									
<i>Explanation : 50 Percent Abandoned Steel Railing</i>									
Wearing Surface									
Asphalt	100%	4+	\$9,000	2031	\$180,700	5	\$7,600		
<i>Cracks, Extent : Light, Area Affected : 5%</i>									
<i>Location : Random Locations Throughout</i>									
<i>Spalling, Extent : Light, Area Affected : 4%</i>									
<i>Location : Random Locations Throughout</i>									

Superstructure

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT SYSTEM - SHORE PKWY OCEAN AVENUE**  
**Asset # : 14985**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%	4+	\$61,000	LIFE	**	5	\$15,100	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Joints								
Generic	100%	4+	\$9,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
Steel	100%			LIFE	**	2-8		
Secondary Member								
Steel	100%			LIFE	**	2-8	\$12,800	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : BEVERLY ROAD BMT SUBWAY, BRIGHTON  
**Address** : BEVERLY ROAD BET. E16TH STREET MARLBOROUGH ROAD  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0299.000 / 15057 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,224 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 23-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243100

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$129,800	\$268,300
<b>Total</b>	<b>\$129,800</b>	<b>\$268,300</b>
Importance Code A	\$129,800	\$57,000
Importance Code C		\$211,300
<b>Total</b>	<b>\$129,800</b>	<b>\$268,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$54,800		\$7,500	
<b>Total</b>	<b>\$54,800</b>		<b>\$7,500</b>	
Importance Code A			\$5,800	
Importance Code B	\$20,400		\$1,700	
Importance Code C	\$34,500			
<b>Total</b>	<b>\$54,800</b>		<b>\$7,500</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BEVERLY ROAD BMT SUBWAY, BRIGHTON**  
**Asset # : 15057**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Covered By Asphalt Wearing Surface</i>					
Mat (scour & erosion)								
Generic	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Station Platforms</i>					
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Station Platforms</i>					
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	10%	Now	\$10,600	2032	\$21,100	4	\$300	
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Rutting</i>					
Asphalt	90%			2032	\$190,200	4	\$500	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BEVERLY ROAD BMT SUBWAY, BRIGHTON**  
**Asset # : 15057**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	13%	4+	\$1,100	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	87%			LIFE	**			
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$131,800	
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$35,100	
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Steel	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	Now	\$68,200	LIFE	**			
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 80%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$1,400	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Steel Fence</i>					
Sidewalks								
Concrete	100%	4+	\$3,400	2036	**	5	\$1,200	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Asphalt	100%	0-2	\$19,200	2032	\$48,000	5	\$200	
			<i>Cracks, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					

**Superstructure**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
BEVERLY ROAD BMT SUBWAY, BRIGHTON**

**Asset # : 15057**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$4,600	
Primary Member								
Concrete Encased Steel	7%	Now	\$61,700	LIFE	**	5	\$21,300	
<i>Loss of Section, Steel, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Web Of Girder Haunch On The Traffic Side Of Exposed Girder Above Deck</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Traffic Side Of Exposed Girder Above Deck</i>								
<i>Explanation : Rust Stains</i>								
Concrete Encased Steel	93%			LIFE	**	5	\$21,300	
Secondary Member								
Steel	10%	Now	\$20,400	LIFE	**	2-8	\$3,900	
<i>Loss of Section, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Steel	90%			LIFE	**	2-8	\$3,900	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 25-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243020

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$4,170,800	\$2,178,000
<b>Total</b>	<b>\$4,170,800</b>	<b>\$2,178,000</b>
Importance Code A	\$2,267,400	\$250,600
Importance Code B	\$1,483,100	
Importance Code C	\$420,400	\$1,927,400
<b>Total</b>	<b>\$4,170,800</b>	<b>\$2,178,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$127,100			
<b>Total</b>	<b>\$127,100</b>			
Importance Code C	\$127,100			
<b>Total</b>	<b>\$127,100</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY**

**Asset # : 2489**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Concrete	15%	4+	\$123,900	LIFE		**		
			<i>Efflorescence, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Throughout</i>					
Concrete	85%			LIFE		**		
Tile	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Ceramic Tiles Obscure View Of Structural Wall</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access. Wingwall Only Present At South Abutment</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Railway Tracks</i>					
<b>Approaches</b>								
Pavement								
Asphalt	55%	4+	\$25,700	2034		**	4	\$12,400
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both Approaches</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Beginning Approach</i>					
			<i>Explanation : Rutting, Uneven Pavement</i>					
Asphalt	45%			2027	\$420,400		4	\$18,700
Concrete	35%	4+	\$19,800	2042		**	4	\$92,500
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	65%			2029	\$1,834,100		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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
<b>Curbs</b>								
Concrete	100%			LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Concrete w/ Steel Face	100%			LIFE		**		
	<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Embankment</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Sidewalks</b>								
Concrete	100%			LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Piers</b>								
<b>Pier, Columns</b>								
Concrete	100%			LIFE		**		
<b>Stem, Solid Pier</b>								
Concrete	100%	Now	\$1,359,200	LIFE		**		
	<i>Cracks, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Delaminations, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Exposed Reinforcement, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Railway Tracks</i>							
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BMT SUBWAY BRIDGE PARKSIDE AVE/BMT SUBWAY**  
**Asset # : 2489**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete	100%			2053		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Gratings								
Steel	100%			LIFE		**		
Sidewalks								
Asphalt	100%	4+	\$1,900	2031	\$93,200	4	\$18,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Plaza Entrance To Station Building</i>								
Concrete	90%			2038		**	\$4,800	
Concrete	10%	Now	\$10,500	2038		**	\$2,400	
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Near South End</i>								
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Near South End</i>								
Wearing Surface								
Asphalt	100%	4+	\$16,900	2034		**	\$31,100	
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 5%</i>								
<i>Location : At South End</i>								
<i>Explanation : Asphalt Pavers</i>								
Superstructure								
Primary Member								
Concrete	100%	Now	\$2,267,400	LIFE		**	\$250,600	1
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : **09-Nov-2020** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : Lot : BIN : **2229560**

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$64,500	\$277,600
<b>Total</b>	<b>\$64,500</b>	<b>\$277,600</b>
Importance Code C	\$64,500	\$277,600
<b>Total</b>	<b>\$64,500</b>	<b>\$277,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$102,100	\$600	\$400	
<b>Total</b>	<b>\$102,100</b>	<b>\$600</b>	<b>\$400</b>	
Importance Code A	\$29,900	\$600	\$400	
Importance Code B	\$10,600			
Importance Code C	\$61,600			
<b>Total</b>	<b>\$102,100</b>	<b>\$600</b>	<b>\$400</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N**  
**Asset # : 13515**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
	<i>Location : Underside Of Bridge Throughout</i>							
	<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**		
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	90%			LIFE		**		
Steel	10%	4+	\$10,600	LIFE		**		
	<i>Spalling, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : South Sidewalk</i>							
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Damaged Filler Material</i>							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
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)								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%	4+	\$26,100	2041		**	4	\$57,000
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At Both Approaches</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : At Both Approaches</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N**  
**Asset # : 13515**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$4,300	LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE		**		
Guide Railing								
Concrete	100%	4+	\$1,900	2041		**	4	\$1,100
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : West Approach South Side</i>								
<i>Explanation : Total Guide Railing Consists Of 20 Percent Concrete, 30 Percent Steel And 50 Percent Timber</i>								
Steel	100%			LIFE		**	2-8	\$1,700
Timber	100%	4+	\$2,300	2033	\$46,200		4	\$1,600
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout Timber Rail</i>								
<i>Dry Rot, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : West Approach South End</i>								
<i>Explanation : Timber Railing</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	\$1,400	2041		**	4	\$300
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
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**  
**BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N**  
**Asset # : 13515**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Asphalt	100%	4+	\$10,700	2033	\$213,100	4	\$7,900	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Settlement, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Vegetation Growth</i>					
Concrete	100%	4+	\$11,700	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : North Side Curb</i>					
			<i>Explanation : North Side Curb Is Concrete With Steel Face</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BRONX PELHAM PARKWAY BRIDGE BRONX PELHAM PKWY/AMTRAK,METRO N**  
**Asset # : 13515**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Guide Railing Concrete	100%	2-4	\$20,000	2045		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 15%</i>								
<i>Location : South Face Of Concrete Barrier</i>								
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : South Face Of Concrete Barrier</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Along The South Side Of The Bridge</i>								
<i>Explanation : Concrete Guide Rail With Steel Fencing</i>								
Steel	100%			LIFE		**		
Railings/Parapets								
Concrete	100%			2041		**	4	\$1,700
Steel	100%			LIFE		**	2-8	\$9,500
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Exterior Surface</i>								
Sidewalks								
Concrete	100%	4+	\$13,100	2037		**	5	\$6,000
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2041		**	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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 06-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2266540

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$59,200	\$1,705,000
<b>Total</b>	<b>\$59,200</b>	<b>\$1,705,000</b>
Importance Code A	\$59,200	\$428,200
Importance Code B		\$651,300
Importance Code C		\$625,500
<b>Total</b>	<b>\$59,200</b>	<b>\$1,705,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$199,200		\$66,400	\$17,100
<b>Total</b>	<b>\$199,200</b>		<b>\$66,400</b>	<b>\$17,100</b>
Importance Code A	\$50,600		\$700	
Importance Code B	\$5,900		\$65,300	
Importance Code C	\$142,800		\$400	\$17,100
<b>Total</b>	<b>\$199,200</b>		<b>\$66,400</b>	<b>\$17,100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST**  
**Asset # : 2508**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Backwall								
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%			LIFE			* *	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Brick Fascia</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Brick	95%			LIFE			* *	
Brick	5%	4+	\$3,000	LIFE			* *	
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Broken/missing Element</i>					
Concrete	4%	4+	\$18,000	LIFE			* *	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Joint Filler At Southwest Wingwall Joint</i>					
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Northwest Wingwall</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Southwest Wingwall</i>					
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Minor Peeling Paint</i>					
Concrete	96%			LIFE			* *	
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
<b>Approaches</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST**  
**Asset # : 2508**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%			2032	\$218,600	4	\$4,800	
Concrete	10%	4+	\$11,600	2040	**	4	\$217,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	90%			2040	**	4	\$325,600	
Curbs								
Concrete	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Concrete	100%			2040	**	4		
Steel	100%			LIFE	**	2-8	\$25,700	
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE	**	5		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4		
Steel	100%	4+	\$12,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northern Approach</i>								
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Concrete Encased Steel	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**  
**BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST**  
**Asset # : 2508**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier, Columns								
Concrete Encased Steel	100%	4+	\$5,900	LIFE	**	5	\$12,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Delamination</i>								
Steel	100%			LIFE	**	2-8	\$937,500	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Stem, Solid Pier</b>								
Concrete	100%			LIFE	**			
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE	**			
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	100%			2051	**			
<b>Gratings</b>								
Steel	100%			LIFE	**			
<b>Guide Railing</b>								
Concrete	100%			2044	**			
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								
Steel	100%	4+	\$2,400	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Broken Support At Southwest Side</i>								
<b>Median</b>								
Concrete	100%			LIFE	**	5		
<b>Railings/Parapets</b>								
Concrete	100%			2040	**	4	\$3,200	
<b>Sidewalks</b>								
Concrete	100%			2036	**	5	\$800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Asphalt	100%			2032		5	\$34,200	

**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**  
**BRUCKNER BLVD. OVERPASS BRIDGE BRUCKNER BLVD OVPAS/133-135TH ST**  
**Asset # : 2508**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Concrete	82%			LIFE	**	5	\$48,300	
Concrete	18%	2-4	\$35,100	LIFE	**	5	\$48,300	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : On Underside Of Deck</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : On Underside Of Deck</i>								
Primary Member								
Concrete Encased Steel	9%	4+	\$59,200	LIFE	**	5	\$165,800	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 80%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Peeling Paint</i>								
Concrete Encased Steel	91%			LIFE	**	5	\$165,800	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$509,500	
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : BRUCKNER EXPWY NORTH BOUND AMTRAK - CSX  
**Address** : BRUCKNER BLVD NB AT ABOUT LONGFELLOW AVE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0313.000 / 15083 **Yr Built/Renovated** :  
**Area Sq Ft** : 11,716 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 04-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2075535

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$378,900
<b>Total</b>		<b>\$378,900</b>
Importance Code C		\$378,900
<b>Total</b>		<b>\$378,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$4,800		\$1,800	\$5,300
<b>Total</b>	<b>\$4,800</b>		<b>\$1,800</b>	<b>\$5,300</b>
Importance Code A	\$3,600		\$100	
Importance Code C	\$1,200		\$1,700	\$5,300
<b>Total</b>	<b>\$4,800</b>		<b>\$1,800</b>	<b>\$5,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**BRUCKNER EXPWY NORTH BOUND AMTRAK - CSX**

**Asset # : 15083**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Asphalt	100%			2032	\$210,500	4	\$3,600	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2040		**	4	\$2,100
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	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**  
**BRUCKNER EXPWY NORTH BOUND AMTRAK - CSX**

**Asset # : 15083**

System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>							
Pavement Base							
Not Accessible	100%						
<b>Railings/Parapets</b>							
Concrete	100%		2040	**	4	\$1,200	
Steel	100%		LIFE	**			
<b>Sidewalks</b>							
Concrete	100%		LIFE	**			
<b>Deck Elements</b>							
<b>Guide Railing</b>							
Concrete	100%		2044	**			
Steel	100%		LIFE	**			
<b>Median</b>							
Concrete	100%		LIFE	**	5	\$1,800	
<b>Railings/Parapets</b>							
Concrete	100%		2040	**	4	\$7,600	
Steel	100%		LIFE	**	2-8	\$3,500	
<b>Sidewalks</b>							
Concrete	100%		2036	**	5	\$3,300	
<b>Wearing Surface</b>							
Asphalt	100%		2032	\$168,400	5	\$10,700	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>					
		<i>Location : Random Locations Throughout</i>					
<b>Superstructure</b>							
<b>Deck, Structural</b>							
Not Accessible	100%						
<b>Primary Member</b>							
Not Accessible	100%						
<b>Secondary Member</b>							
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : BULOVA AVENUE 278I BROOKLYN-QUEENS EXPRESSWAY  
**Address** : BULOVA AVENUE OVER BQE WEST  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0320.000 / 15179 **Yr Built/Renovated** : 1942 /  
**Area Sq Ft** : 3,168 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 12-Jan-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230790

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$45,300	\$2,900	\$100	\$900
<b>Total</b>	<b>\$45,300</b>	<b>\$2,900</b>	<b>\$100</b>	<b>\$900</b>
Importance Code A		\$1,100	\$100	
Importance Code C	\$45,300	\$1,800		\$900
<b>Total</b>	<b>\$45,300</b>	<b>\$2,900</b>	<b>\$100</b>	<b>\$900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BULOVA AVENUE 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15179**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	28%	4+	\$43,000	LIFE			**	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	72%			LIFE			**	
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pier Protection Consists Of 30 Percent Concrete, 70 Percent Not Accessible</i>								
<b>Approaches</b>								
Pavement								
Concrete	100%			2041		**	4	\$5,400
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BULOVA AVENUE 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15179**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cap Beam Consists Of 10 Percent Concrete, 90 Percent Not Accessible</i>								
Pier,Columns								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pier, Column Consists Of 20 Percent Concrete, 80 Percent Not Accessible</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pedestals Consist Of 5 Percent Concrete, 95 Percent Not Accessible</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2041		**	4	\$3,300
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE		**	2-8	\$3,100
<i>Corrosion, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BULOVA AVENUE 278I BROOKLYN-QUEENS EXPRESSWAY**

**Asset # : 15179**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2037	**	5	\$1,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Concrete Patches</i>								
Wearing Surface								
Concrete	100%	4+	\$2,200	2041	**	5	\$6,600	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : On Edges Of Concrete Patches</i> <i>Other Observation, Extent : N/A, Area Affected : 45%</i> <i>Location : On North Side</i> <i>Explanation : Concrete Patches</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : BUS STATION ENTRANCE RAMP STATEN ISLAND RAILWAY  
**Address** : STATEN ISLAND FERRY TERMINAL RAMP TO BUS STATION  
**Borough** : STATEN ISLAND Agency's Number : N/A  
**Program / Asset #** : DOT0346.000 / 15205 Yr Built/Renovated : 1948 /  
**Area Sq Ft** : 51,573 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 24-Nov-2020 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2269770

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$116,500	\$1,624,200
<b>Total</b>	<b>\$116,500</b>	<b>\$1,624,200</b>
Importance Code A		\$1,290,400
Importance Code B		\$217,300
Importance Code C	\$116,500	\$116,500
<b>Total</b>	<b>\$116,500</b>	<b>\$1,624,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$42,100	\$10,100	\$146,200	\$11,700
<b>Total</b>	<b>\$42,100</b>	<b>\$10,100</b>	<b>\$146,200</b>	<b>\$11,700</b>
Importance Code A		\$7,400	\$124,400	
Importance Code B	\$42,100		\$21,800	
Importance Code C		\$2,800		\$11,700
<b>Total</b>	<b>\$42,100</b>	<b>\$10,100</b>	<b>\$146,200</b>	<b>\$11,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BUS STATION ENTRANCE RAMP STATEN ISLAND RAILWAY**  
**Asset # : 15205**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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	100%	4+	\$42,100	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE			**	
Piles Not Accessible	100%							
Walls Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion) Generic	100%			LIFE			**	
Pier Protection Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Spalling; Cracks</i>					
<b>Approaches</b>								
Pavement Concrete	100%			2041		**	4	\$8,300
Curbs Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BUS STATION ENTRANCE RAMP STATEN ISLAND RAILWAY**

**Asset # : 15205**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing Concrete	100%			2041	**	4	\$800	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Mat (scour & erosion) Not Accessible	100%							
Pavement Base Not Accessible	100%							
Railings/Parapets Masonry	100%			2041	**			
Sidewalks Concrete	100%			LIFE	**			
Piers								
Cap Beam Steel	100%			LIFE	**	2-8	\$1,110,100	
Pier, Columns Steel	100%			LIFE	**	2-8	\$495,500	
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	**			
<i>Rust Stains, Extent : Light, Area Affected : 90%</i>								
<i>Location : Random Locations Throughout</i>								
Guide Railing Concrete	100%			2045	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Railing On Top Of Concrete</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BUS STATION ENTRANCE RAMP STATEN ISLAND RAILWAY**  
**Asset # : 15205**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets Concrete	100%			2041	**	4	\$21,300	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$19,500	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : South Side</i>								
<i>Explanation : Chain Link Fence</i>								
<b>Sidewalks</b>								
Concrete	100%			2037	**	5	\$23,500	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Concrete	100%			2041	**	5	\$232,900	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : 24 Scuppers Observed</i>								
<b>Superstructure</b>								
Deck,Structural Concrete	100%			LIFE	**	5	\$56,800	
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Entire Deck</i>								
<i>Explanation : Bottom Covered With Stay In Place Forms</i>								
<b>Joints</b>								
Generic	100%			LIFE	**			
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8	\$1,407,400	
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$70,700	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$26,300	\$6,500	\$1,200	\$7,800
<b>Total</b>	<b>\$26,300</b>	<b>\$6,500</b>	<b>\$1,200</b>	<b>\$7,800</b>
Importance Code A			\$300	\$3,500
Importance Code B			\$900	
Importance Code C	\$26,300	\$6,500		\$4,300
<b>Total</b>	<b>\$26,300</b>	<b>\$6,500</b>	<b>\$1,200</b>	<b>\$7,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**CARLTON AVENUE LIRR ATLANTIC AVE**  
**Asset # : 14984**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			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	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Railroad Tracks</i>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Concrete	100%			2039	**	4	\$700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 50 Percent Concrete</i>						
Steel	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 50 Percent Steel</i>						
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	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 50 Percent Concrete</i>						
Steel	100%			LIFE	**	2-8	\$8,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 50 Percent Steel</i>						
Sidewalks								
Concrete	100%			2035	**	5	\$13,000	
Wearing Surface								
Concrete	100%			2039	**	5	\$52,600	
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$17,300	
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		Priority
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	\$14,600

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : CLINTONVILLE STREET BELT SYSTEM - CROSS ISLAND  
 Address : CLINTONVILLE ST CROSS ISLAND PKWY BTWN 14TH RD & LOCKE AVE  
 Borough : QUEENS Agency's Number : N/A  
 Program / Asset # : DOT0389.000 / 15409 Yr Built/Renovated :  
 Area Sq Ft : 6,310 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 08-Apr-2022 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2231940

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$144,300		\$200	
<b>Total</b>	<b>\$144,300</b>		<b>\$200</b>	
Importance Code A	\$99,100		\$200	
Importance Code B	\$26,500			
Importance Code C	\$18,700			
<b>Total</b>	<b>\$144,300</b>		<b>\$200</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CLINTONVILLE STREET BELT SYSTEM - CROSS ISLAND**

**Asset # : 15409**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Stem (breastwall)								
Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 80%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Brick Veneer	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Vegetation Growth</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Asphalt Paved Underneath</i>					
Pier Protection								
Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 70%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Approaches								
Pavement								
Asphalt	100%	Now	\$12,700	2034		**	4	\$7,300
			<i>Cracks, Extent : Severe, Area Affected : 25%</i>					
			<i>Location : Both Approaches</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations On Both Approaches</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CLINTONVILLE STREET BELT SYSTEM - CROSS ISLAND**

**Asset # : 15409**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	4+	\$5,000	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%			LIFE		**		
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Attached To Cast Iron Railing</i>								
Sidewalks								
Concrete	100%	4+	\$2,300	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$26,500	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Near West End Of South Fascia</i>								
<i>Other Observation, Extent : N/A, Area Affected : 10%</i>								
<i>Location : At East And West Ends</i>								
<i>Explanation : Limited Access On 70 Percent Area, Masonry Granite Facing At Ends.</i>								
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**  
**CLINTONVILLE STREET BELT SYSTEM - CROSS ISLAND**

**Asset # : 15409**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	100%	4+	\$32,000	2053		**		
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Railings/Parapets</b>								
Cast Iron	100%	0-2	\$12,400	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE		**	2-8	\$6,900
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Attached To Cast Iron Railing</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			2038		**	5	\$3,900
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	100%	4+	\$3,700	2034		**	5	\$300
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
<hr/>								
<b>Primary Member</b>								
Concrete	100%			LIFE		**	5	\$93,800
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : CLOVE ROAD SIRT SOUTH SHORE  
**Address** : CLOVE ROAD BET. HILLCREST TERR. AND GILES PLACE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0258.000 / 15012 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,237 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 09-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249490

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$5,800	\$8,100	\$2,100	
<b>Total</b>	<b>\$5,800</b>	<b>\$8,100</b>	<b>\$2,100</b>	
Importance Code A	\$1,800		\$200	
Importance Code C	\$4,000	\$8,100	\$1,900	
<b>Total</b>	<b>\$5,800</b>	<b>\$8,100</b>	<b>\$2,100</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**CLOVE ROAD SIRT SOUTH SHORE**  
**Asset # : 15012**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Concrete	100%			2040		**	4	\$12,100
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
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**  
**CLOVE ROAD SIRT SOUTH SHORE**  
**Asset # : 15012**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
		<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Railings/Parapets								
Concrete	100%			2040	**	4	\$5,400	
Steel	100%			LIFE	**	2-8	\$4,900	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : On Top Of Concrete Parapet</i>						
		<i>Explanation : Chain Link Fence</i>						
Sidewalks								
Concrete	100%			2036	**	5	\$3,900	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Wearing Surface								
Concrete	100%			2040	**	5	\$16,300	
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Superstructure</b>								
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**  
**CLOVE ROAD SIRT SOUTH SHORE**  
**Asset # : 15012**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Superstructure								
Primary Member								
Not Accessible	100%							
<hr/>								
Secondary Member								
Not Accessible	100%							
<hr/>								

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

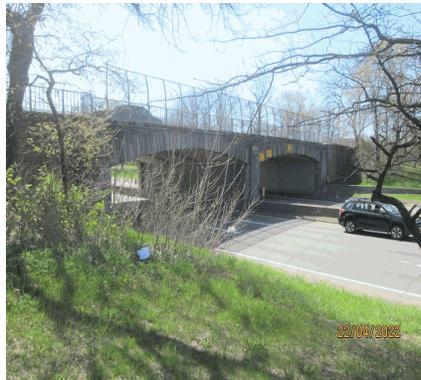
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : COHANCY STREET BELT SYSTEM - SOUTHERN PARKWAY  
**Address** : COHANCY STREET OVER BELT PARKWAY BTWN N CONDUIT AVE & MIA MEM HWY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0382.000 / 15402 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,213 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 21-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231570

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$354,500	
<b>Total</b>	<b>\$354,500</b>	
Importance Code A	\$354,500	
<b>Total</b>	<b>\$354,500</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$80,700		\$200	
<b>Total</b>	<b>\$80,700</b>		<b>\$200</b>	
Importance Code A	\$2,900		\$200	
Importance Code B	\$59,100			
Importance Code C	\$18,700			
<b>Total</b>	<b>\$80,700</b>		<b>\$200</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**COHANCY STREET BELT SYSTEM - SOUTHERN PARKWAY**  
**Asset # : 15402**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$10,300	LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Both Abutment Joints</i>					
			<i>Explanation : Worn Out Filler</i>					
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Stem (breastwall)								
Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE			**	
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Northwest And Southeast Wingwalls</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Asphalt Paving Underneath</i>					
Pier Protection								
Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 60%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Approaches								
Pavement								
Concrete	100%	4+	\$6,600	2042		**	4	\$23,400
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations On Both Approaches</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations On North Approach</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
			<i>Rust Stains, Extent : Light, Area Affected : 60%</i>					
			<i>Location : Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**COHANCY STREET BELT SYSTEM - SOUTHERN PARKWAY**

**Asset # : 15402**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%			LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>								
Sidewalks								
Concrete	100%	4+	\$2,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : South Approach</i> <i>Explanation : Total Of 2 Scuppers</i>								
Piers								
Stem,Solid Pier								
Concrete	100%	2-4	\$48,800	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Delaminations, Extent : Light, Area Affected : 2%</i> <i>Location : South Face Of Pier</i> <i>Efflorescence, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i> <i>Location : South Face</i> <i>Spalling, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout With Severe Cases On South Face</i> <i>Other Observation, Extent : N/A, Area Affected : 60%</i> <i>Location : Throughout</i> <i>Explanation : Limited Access</i>								
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**  
**COHANCY STREET BELT SYSTEM - SOUTHERN PARKWAY**

**Asset # : 15402**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Railings/Parapets</b>								
Cast Iron	100%			LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Steel	100%			LIFE		**	2-8	\$7,500
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Attached To Cast Iron Railing</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			2038		**	5	\$4,400
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$9,900	2042		**	5	\$11,800
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
<hr/>								
<b>Primary Member</b>								
Concrete	100%	4+	\$354,500	LIFE		**	5	\$46,200
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 10%</i>								
<i>Location : Along Longitudinal Joints On Both Spans</i>								
<i>Explanation : Limited Access On 80 Percent Of Area. Covered With Wire Mesh.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : CONEY ISLAND AVE. BRIDGE  
**Address** : CONEY ISLAND AVE.  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0169.000 / 13577 **Yr Built/Renovated** :  
**Area Sq Ft** : 20,600 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 18-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231380

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$602,400	\$461,800
<b>Total</b>	<b>\$602,400</b>	<b>\$461,800</b>
Importance Code A	\$257,900	\$257,900
Importance Code B	\$289,700	\$203,900
Importance Code C	\$54,700	
<b>Total</b>	<b>\$602,400</b>	<b>\$461,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$291,900		\$60,500	
<b>Total</b>	<b>\$291,900</b>		<b>\$60,500</b>	
Importance Code A	\$153,800		\$31,000	
Importance Code B	\$62,900		\$20,400	
Importance Code C	\$75,100		\$9,100	
<b>Total</b>	<b>\$291,900</b>		<b>\$60,500</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**CONEY ISLAND AVE. BRIDGE**  
**Asset # : 13577**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$25,800	LIFE		**		
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Both Abutments</i>					
Mat (scour & erosion) Earth	100%			LIFE		**		
Pedestals Concrete	100%			LIFE		**		
Stem (breastwall) Concrete	100%	2-4	\$85,900	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout On Both Abutments</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : South Abutment</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 20%</i>					
			<i>Location : Around Corners And In The Middle</i>					
			<i>Explanation : Masonry Facing</i>					
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	5%	4+	\$54,700	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Wingwall Consists Of Concrete With Masonry Facing Throughout. Joint Mortar Missing/ Eroded</i>					
Concrete	95%			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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Belt Parkway Underneath The Bridge</i>								
Approaches								
Pavement								
Concrete	100%			2042		**	4	\$18,100
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout West Side</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%	4+	\$25,500	LIFE		**	5	\$5,100
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Approach</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Approach</i>								
<i>Explanation : Uneven</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042		**	4	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Both East And West Parapets</i>								
<i>Explanation : Steel Fence On Top Of Concrete Parapet</i>								
Steel	100%			LIFE		**		
Sidewalks								
Concrete	100%	4+	\$32,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Southeast Corner</i>								

## Piers

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CONEY ISLAND AVE. BRIDGE**  
**Asset # : 13577**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam Steel	100%			LIFE	**	2-8	\$208,800	
Pier,Columns Concrete	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stone Facing</i>								
Brngs,Ancr Blts,Pads Elastomeric	100%			2053	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Piers 1 And 3</i>								
<i>Explanation : Elastomeric Bearing (Expansion Bearing)</i>								
Steel	100%			LIFE	**	2-8	\$2,300	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Pier 2</i>								
<i>Explanation : Steel Bearing Assembly (Fixed Bearing)</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Median								
Concrete	100%			LIFE	**	5	\$6,700	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2042	**	4	\$9,200	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Concrete Parapet With Steel Fence On Top</i>								
Steel	100%			LIFE	**	2-8	\$20,600	
Sidewalks								
Concrete	100%	4+	\$13,900	2038	**	5	\$4,800	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$28,800	2042	**	5	\$40,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Near Cold Joints At Piers</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CONEY ISLAND AVE. BRIDGE**  
**Asset # : 13577**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure Deck, Structural Concrete	100%			LIFE	**	5	\$36,100	
<i>Corrosion, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout Stay In Place Forms</i> <i>Other Observation, Extent : N/A, Area Affected : 95%</i> <i>Location : Throughout Except Bay Along Centerline Of Bridge</i> <i>Explanation : 95 Percent Is Not Accessible Because Of Stay In Place Forms</i>								
Primary Member Steel	100%			LIFE	**	2-8	\$652,700	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>								
Secondary Member Steel	100%			LIFE	**	2-8	\$560,000	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : CONGRESS STREET 278I (B.Q.E.)  
**Address** : CONGRESS ST OVER BKLYN QNS EXPWY BET. HENRY ST & COLUMBIA ST  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0304.000 / 15062 **Yr Built/Renovated** : 1952 /  
**Area Sq Ft** : 4,856 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 05-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230390

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$20,300	\$9,600	\$100	
<b>Total</b>	<b>\$20,300</b>	<b>\$9,600</b>	<b>\$100</b>	
Importance Code A			\$100	
Importance Code C	\$20,300	\$9,600		
<b>Total</b>	<b>\$20,300</b>	<b>\$9,600</b>	<b>\$100</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CONGRESS STREET 278I (B.Q.E.)**  
**Asset # : 15062**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Brick Veneer	100%	4+	\$3,300	LIFE			**	
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Approaches								
Pavement								
Concrete	100%			2040		**	4	\$37,800
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Northwest Approach</i>					
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
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**  
**CONGRESS STREET 278I (B.Q.E.)**  
**Asset # : 15062**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Northwest Approach</i>								
<i>Explanation : Steel Fence With Vegetation Growth</i>								
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$3,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence</i>								
Sidewalks								
Concrete	100%	4+	\$4,400	2036	**	5	\$1,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$19,100	
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.

**DEPARTMENT OF TRANSPORTATION - 841  
CONGRESS STREET 278I (B.Q.E.)  
Asset # : 15062**

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 03-Mar-2022 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2241110

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$798,500	\$809,600
<b>Total</b>	<b>\$798,500</b>	<b>\$809,600</b>
Importance Code A	\$371,000	\$371,000
Importance Code B	\$371,000	\$371,000
Importance Code C	\$56,600	\$67,700
<b>Total</b>	<b>\$798,500</b>	<b>\$809,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$346,900		\$84,400	
<b>Total</b>	<b>\$346,900</b>		<b>\$84,400</b>	
Importance Code A	\$216,800		\$47,200	
Importance Code B	\$92,900		\$37,200	
Importance Code C	\$37,200			
<b>Total</b>	<b>\$346,900</b>		<b>\$84,400</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS**  
**Asset # : 2661**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$17,300	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Masonry	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Masonry	100%	4+	\$8,900	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%	4+	\$9,900	2042	**	4	\$14,000	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Pavement Patching</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS**  
**Asset # : 2661**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
<hr/>								
<b>Pavement Base</b>								
Not Accessible	100%							
<hr/>								
<b>Railings/Parapets</b>								
Concrete	38%	4+	\$10,100	2042		**	4	\$9,700
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	62%			2042		**	4	\$9,700
Steel	100%			LIFE		**		
<hr/>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$5,000	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<hr/>								
<b>Piers</b>								
<b>Cap Beam</b>								
Concrete	100%			LIFE		**		
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<hr/>								
<b>Pier,Columns</b>								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Water Stains</i>					
<hr/>								
<b>Stem,Solid Pier</b>								
Masonry	100%	4+	\$8,100	LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Efflorescence Staining</i>					
<hr/>								
<b>Brngs,Ancr Blts,Pads</b>								
Steel	100%			LIFE		**	2-8	\$17,200
<hr/>								
<b>Footings</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		
<hr/>								
<b>Pedestals</b>								
Concrete	100%			LIFE		**		
<hr/>								
<b>Piles</b>								
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**  
**CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS**  
**Asset # : 2661**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$13,300	LIFE		**		
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Median</b>								
Concrete	35%	4+	\$5,500	LIFE		**	5	\$1,400
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	65%			LIFE		**	5	\$2,700
<hr/>								
<b>Railings/Parapets</b>								
Concrete	20%	4+	\$11,800	2042		**	4	\$8,600
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	80%			2042		**	4	\$8,600
Steel	100%			LIFE		**	2-8	\$19,100
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	12%	4+	\$13,400	2038		**	5	\$13,200
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	88%			2038		**	5	\$26,500
<hr/>								
<b>Wearing Surface</b>								
Asphalt	100%			2034		**	5	
Concrete	100%	4+	\$56,600	2042		**	5	\$67,700
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Scupper</b>								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout Along The Curbs</i>								
<i>Explanation : Total Of 14 Scuppers</i>								

**Superstructure**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CONRAIL NE REG BRIDGE MELROSE AVE/CONRAIL PT MORRIS**  
**Asset # : 2661**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%			LIFE	**	5	\$73,300	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stay-in-place Forms - Good Condition</i>								
Joints								
Steel	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,187,600	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,019,000	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : CORTELYOU ROAD BMT SUBWAY, BRIGHTON  
 Address : CORTELYOU ROAD BET. E16TH STREET AND MARLBOROUGH ROAD  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : DOT0300.000 / 15058 Yr Built/Renovated :  
 Area Sq Ft : 3,373 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 23-Dec-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2243110

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$40,200
<b>Total</b>		<b>\$40,200</b>
Importance Code A		\$40,200
<b>Total</b>		<b>\$40,200</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$22,700	\$8,100	\$9,800	
<b>Total</b>	<b>\$22,700</b>	<b>\$8,100</b>	<b>\$9,800</b>	
Importance Code A			\$7,400	
Importance Code B			\$2,400	
Importance Code C	\$22,700	\$8,100		
<b>Total</b>	<b>\$22,700</b>	<b>\$8,100</b>	<b>\$9,800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
CORTELYOU ROAD BMT SUBWAY, BRIGHTON**

**Asset # : 15058**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
Mat (scour & erosion) Generic	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Station Platforms</i>					
Pedestals Concrete	100%			LIFE		**		
Stem (breastwall) Concrete	100%			LIFE		**		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Station Platforms</i>					
Piles Not Accessible	100%							
Walls Concrete	5%	4+	\$6,900	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Severe, Area Affected : 75%</i>					
			<i>Location : Throughout</i>					
Concrete	95%			LIFE		**		
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		**		
Approaches								
Pavement Concrete	100%			2040		**	4	\$33,000
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
CORTELYOU ROAD BMT SUBWAY, BRIGHTON**

**Asset # : 15058**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$92,900	
Pier, Columns								
Steel	100%			LIFE	**	2-8	\$62,300	
Brngs, Ancr Blts, Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Steel	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$1,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Fence</i>								
Sidewalks								
Concrete	100%	4+	\$4,900	2036	**	5	\$1,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$16,200	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
CORTELYOU ROAD BMT SUBWAY, BRIGHTON**

**Asset # : 15058**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure Deck, Structural Concrete	100%			LIFE	**	5	\$3,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Grid Deck</i>								
Primary Member Steel	100%			LIFE	**	2-8	\$62,400	
Secondary Member Steel	100%			LIFE	**	2-8	\$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.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$61,900
<b>Total</b>		<b>\$61,900</b>
Importance Code A		\$61,900
<b>Total</b>		<b>\$61,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$152,800		\$8,700	
<b>Total</b>	<b>\$152,800</b>		<b>\$8,700</b>	
Importance Code A	\$37,700		\$6,500	
Importance Code B	\$60,400		\$2,200	
Importance Code C	\$54,700			
<b>Total</b>	<b>\$152,800</b>		<b>\$8,700</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROPSEY AVENUE BELY SYSTEM SHORE PARKWAY**

**Asset # : 14989**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	6%	4+	\$5,200	LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
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+	\$22,700	LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Stem (breastwall)								
Concrete	3%	4+	\$26,400	LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 80 Percent Concrete</i>							
Concrete	97%			LIFE		**		
Masonry	8%	4+	\$13,100	LIFE		**		
	<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 20 Percent Masonry</i>							
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Masonry	100%	4+	\$11,100	LIFE		**		
<i>Joints Missing, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 4%</i>								
<i>Location : Southeast Wingwall</i>								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paved Roadway</i>								
Pier Protection								
Concrete	5%	4+	\$20,900	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Concrete	95%			LIFE		**		
Approaches								
Pavement								
Concrete	100%	4+	\$3,200	2039		**	4	\$500
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rust</i>								
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Median								
Concrete	100%	4+	\$2,900	LIFE		**	5	\$600
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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  
CROSEY AVENUE BELY SYSTEM SHORE PARKWAY**

**Asset # : 14989**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Steel	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Southeast Corner</i>						
		<i>Explanation : Vegetation Growth</i>						
Sidewalks								
Concrete	100%	4+	\$3,400	LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 4%</i>						
		<i>Location : Random Locations Throughout</i>						
Piers								
Cap Beam Steel	100%			LIFE	**	2-8	\$143,100	
Pier,Columns Steel	100%			LIFE	**	2-8	\$43,600	
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$1,600	
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+	\$6,900	LIFE	**	5	\$1,400	
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 4%</i>						
		<i>Location : Random Locations Throughout</i>						
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$5,400	
Sidewalks								
Concrete	100%	4+	\$7,900	2035	**	5	\$2,800	
		<i>Cracks, Extent : Light, Area Affected : 4%</i>						
		<i>Location : Random Locations Throughout</i>						
Wearing Surface								
Concrete	100%	4+	\$19,400	2039	**	5	\$28,100	
		<i>Cracks, Extent : Light, Area Affected : 4%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROPSEY AVENUE BELY SYSTEM SHORE PARKWAY**

**Asset # : 14989**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Steel	100%	4+	\$9,800	LIFE		* *		
		<i>Joints Missing, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Primary Member								
Steel	100%			LIFE		* *	2-8	
Secondary Member								
Steel	100%			LIFE		* *	2-8	\$11,200

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : CROPSEY AVENUE NORTHBOUND CONEY ISLAND CREEK  
**Address** : CROPSEY AVE NB OVER CONEY ISLAND CREEK  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0375.000 / 15393 **Yr Built/Renovated** :  
**Area Sq Ft** : 9,404 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 22-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240302

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$166,000	\$166,000
<b>Total</b>	<b>\$166,000</b>	<b>\$166,000</b>
Importance Code A	\$166,000	\$166,000
<b>Total</b>	<b>\$166,000</b>	<b>\$166,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$141,200		\$18,000	\$400
<b>Total</b>	<b>\$141,200</b>		<b>\$18,000</b>	<b>\$400</b>
Importance Code A	\$116,100		\$18,000	\$400
Importance Code C	\$25,200			
<b>Total</b>	<b>\$141,200</b>		<b>\$18,000</b>	<b>\$400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROPSEY AVENUE NORTHBOUND CONEY ISLAND CREEK**

**Asset # : 15393**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Abutments</b>							
Bridge Seat&pedestals							
Not Accessible	100%						
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%						
Stem (breastwall)							
Not Accessible	100%						
<b>Walls</b>							
Concrete	100%	4+	\$11,300	LIFE			**
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>				
			<i>Location : Random Locations Throughout</i>				
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>				
			<i>Location : Random Locations Throughout</i>				
			<i>Joints Missing, Extent : Light, Area Affected : 2%</i>				
			<i>Location : Random Locations Throughout</i>				
<b>Wingwalls</b>							
<b>Footings</b>							
Not Accessible	100%						
Mat (scour & erosion)							
Not Accessible	100%						
Piles							
Not Accessible	100%						
<b>Walls</b>							
Masonry	100%			LIFE			**
			<i>Joint Mortar Miss/Erod, Extent : Light, Area Affected : 2%</i>				
			<i>Location : Random Locations Throughout</i>				
			<i>Rust Stains, Extent : Light, Area Affected : 2%</i>				
			<i>Location : Random Locations Throughout</i>				
			<i>Other Observation, Extent : N/A, Area Affected : 50%</i>				
			<i>Location : Throughout</i>				
			<i>Explanation : No Access To West Side</i>				
<b>Feature Crossed</b>							
<b>Bank Protection</b>							
Riprap	100%			LIFE			**
Mat (scour & erosion)							
Stream Bed	100%			LIFE			**
Pier Protection							
Timber	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**  
**CROPSEY AVENUE NORTHBOUND CONEY ISLAND CREEK**

**Asset # : 15393**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Concrete	100%	Now	\$13,800	2042	**	4	\$19,500	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northwest Corner Of North Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Of Both Approaches</i>								
<i>Explanation : Curb Is Only On West Side</i>								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2042	**	4	\$1,100	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout On East Side</i>								
Steel	100%			LIFE	**	2-8	\$1,900	
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	80%	2-4	\$11,600	LIFE	**			
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loss of Section, Extent : Severe, Area Affected : 5%</i>								
<i>Location : At The Base Of Railing Posts Throughout</i>								
Steel	20%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout On East Side</i>								
Piers								
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**  
**CROPSEY AVENUE NORTHBOUND CONEY ISLAND CREEK**  
**Asset # : 15393**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Mat (scour & erosion) Generic	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Stream Bed</i>							
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
Guide Railing Concrete	100%			2046		**		
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout On East Side</i>							
Steel	100%			LIFE		**		
	<i>Rust Stains, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout On East Side</i>							
<b>Railings/Parapets</b>								
Concrete	100%			2042		**	4	\$1,100
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations On Span 1 And 3</i>							
Masonry	100%			2042		**	5	\$800
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Joint Mortar Missing</i>							
Steel	100%	2-4	\$37,200	LIFE		**	2-8	\$5,400
	<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Loss of Section, Extent : Light, Area Affected : 5%</i>							
	<i>Location : At Base Of Railing Posts Throughout On East Side</i>							
<b>Sidewalks</b>								
Concrete	100%	4+	\$2,600	2038		**	5	\$1,900
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout East Side</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Near North Pier On East Side</i>							
<b>Wearing Surface</b>								
Concrete	100%	4+	\$8,700	2042		**	5	\$26,100
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Rust Stains, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random Locations Throughout</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROPSEY AVENUE NORTHBOUND CONEY ISLAND CREEK**

**Asset # : 15393**

Bridge Structure	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		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Total Of 4 Scuppers</i>							
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE		**		
Primary Member								
Steel	100%			LIFE		**	2-8	\$531,300
	<i>Corrosion, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout On Overhang Brackets</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 80%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Limited Access</i>							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : CROPSEY AVENUE SOUTHBOUND CONEY ISLAND CREEK  
**Address** : CROPSEY AVE & CONEY ISLAND CREEK BET BAY 54TH ST AND HART PLACE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0358.000 / 15372 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,976 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 07-Jul-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240301

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$17,300			
<b>Total</b>	<b>\$17,300</b>			
Importance Code A	\$17,300			
<b>Total</b>	<b>\$17,300</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROPSEY AVENUE SOUTHBOUND CONEY ISLAND CREEK**  
**Asset # : 15372**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE		**		
Approaches								
Pavement								
Concrete	100%			2041		**	4	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Both Approaches</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Curbs Only On Northeast And Southeast Corners</i>					
Embankment								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROPSEY AVENUE SOUTHBOUND CONEY ISLAND CREEK**

**Asset # : 15372**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Concrete	100%	4+	\$500	2041		**	4	
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Northwest Corner</i>							
	<i>Spalling, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Northwest Corner</i>							
Steel	100%			LIFE		**	2-8	
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Northwest And Southwest Corner</i>							
	<i>Explanation : Railing On Top Of Concrete Guide Rail</i>							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%	4+	\$2,000	2041		**		
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Northwest And Southwest Corner</i>							
	<i>Explanation : Joint Mortar Missing/ Eroded</i>							
Steel	100%	2-4	\$5,600	LIFE		**		
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Loss of Section, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Base Of The Steel Posts On Northwest And Southwest Corner</i>							
Sidewalks								
Concrete	100%			LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Both Approaches</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Southwest Approach</i>							
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 SOUTHBOUND CONEY ISLAND CREEK**  
**Asset # : 15372**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	100%	4+	\$2,100	2045		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northwest Corner</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Northwest Corner</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Northwest And Southwest Corner</i>								
<i>Explanation : Railing On Top Of Concrete Guide Rail</i>								
Railings/Parapets								
Concrete	100%			2041		**	4	
Masonry	100%	4+	\$2,100	2041		**	5	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On West Side Of Span 1 And 3</i>								
<i>Explanation : Joint Mortar Missing/ Eroded</i>								
Steel	100%	2-4	\$5,000	LIFE		**	2-8	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Base Of Steel Posts</i>								
Wearing Surface								
Concrete	100%			2041		**	5	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : In Span 2</i>								
<i>Explanation : 4 Scuppers</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE		**		
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 22-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2248039

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$336,500	\$336,500
<b>Total</b>	<b>\$336,500</b>	<b>\$336,500</b>
Importance Code A	\$168,300	\$168,300
Importance Code B	\$168,300	\$168,300
<b>Total</b>	<b>\$336,500</b>	<b>\$336,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$173,900		\$49,500	
<b>Total</b>	<b>\$173,900</b>		<b>\$49,500</b>	
Importance Code A	\$121,900		\$16,900	
Importance Code B	\$51,900		\$16,900	
Importance Code C			\$15,700	
<b>Total</b>	<b>\$173,900</b>		<b>\$49,500</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROSS BAY BLVD. BRIDGE CONDUIT BLVD**  
**Asset # : 13568**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$21,300	LIFE		**		
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 5%</i>								
<i>Location : South Joint</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Stem (breastwall)								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE		**		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Paving Underneath</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROSS BAY BLVD. BRIDGE CONDUIT BLVD**  
**Asset # : 13568**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Approaches								
Pavement								
Concrete	100%			2042		**	4	\$31,500
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southbound Lane Of South Approach Near Joint</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$6,100	LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 20%</i>								
<i>Location : Northeast Approach</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE		**	5	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	2-4	\$23,500	2042		**	4	\$11,300
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout Outside Fascia</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Near Northwest Abutment</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

## Piers

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROSS BAY BLVD. BRIDGE CONDUIT BLVD**  
**Asset # : 13568**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Cap Beam Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Pier,Columns Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 15%</i>								
<i>Location : On Both Fascias</i>								
<i>Explanation : Limited Access On 50 Percent Of Area. Fascia Columns Are Concrete With Cut Stone Masonry Facing - Veneer</i>								
Brngs,Ancr Blts,Pads Elastomeric	100%			2053		**		
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
Pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Piles Not Accessible	100%							
<b>Deck Elements</b>								
Curbs Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Median Concrete	100%			LIFE		**	5	\$2,800
Railings/Parapets Concrete	100%	4+	\$16,100	2042		**	4	\$7,800
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout Outside Fascia</i>								
<i>Delaminations, Extent : Light, Area Affected : 1%</i>								
<i>Location : Near Pier On West Side</i>								
<i>Spalling, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Near Northeast Abutment</i>								
Steel	100%			LIFE		**	2-8	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROSS BAY BLVD. BRIDGE CONDUIT BLVD**  
**Asset # : 13568**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%			2038	**	5	\$5,100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2042	**	5		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$37,500	
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Entire Deck Except At The Overhangs</i>								
<i>Explanation : Concrete Deck With Stay-In-Place Metal Forms</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$538,700	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$462,200	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : **1941 /**  
 Area Sq Ft : **23,205** Project Type : **HIGHWAY BRIDGES**  
 Date of Survey : **19-Jan-2021** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : Lot : BIN : **2231559**

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$986,900
<b>Total</b>		<b>\$986,900</b>
Importance Code A		\$459,400
Importance Code B		\$459,400
Importance Code C		\$68,200
<b>Total</b>		<b>\$986,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$376,000		\$93,100	
<b>Total</b>	<b>\$376,000</b>		<b>\$93,100</b>	
Importance Code A	\$110,600		\$47,100	
Importance Code B	\$161,000		\$46,100	
Importance Code C	\$104,500			
<b>Total</b>	<b>\$376,000</b>		<b>\$93,100</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY**  
**Asset # : 13516**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	30%	4+	\$18,200	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	70%			LIFE		**		
Backwall								
Concrete	12%	4+	\$17,800	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Scaling</i>								
Concrete	88%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**		
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	65%	4+	\$48,600	LIFE		**		
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Both Abutments</i>								
Generic	35%			LIFE		**		
Mat (scour & erosion)								
Generic	100%	4+	\$14,900	LIFE		**		
<i>Joints Missing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stone Pavers In Front Slope And Earth On Sides</i>								
Pedestals								
Concrete	100%	4+	\$3,800	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Both Abutments</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Abutment, Southwest Corner</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Abutment, Southwest Corner</i>								
Stem (breastwall)								
Concrete	100%	2-4	\$32,500	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Abutment</i>								
<i>Explanation : Exposed Rebars</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : North Abutment</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY**  
**Asset # : 13516**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	
Wingwalls									
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Generic	100%			LIFE	**				
Piles									
Not Accessible	100%								
Walls									
Masonry: Stone	100%			LIFE	**				
Feature Crossed									
Mat (scour & erosion)									
Generic	100%			LIFE	**				
Pier Protection									
Concrete	100%			LIFE	**				
Approaches									
Pavement									
Concrete	100%	4+	\$14,900	2041	**	4	\$35,200		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>						
			<i>Location : Random Locations Throughout</i>						
			<i>Spalling, Extent : Light, Area Affected : 5%</i>						
			<i>Location : Random Locations Throughout</i>						
Curbs									
Concrete w/ Steel Face	100%	Now	\$13,100	LIFE	**				
			<i>Rust Stains, Extent : Light, Area Affected : 20%</i>						
			<i>Location : Random Locations Throughout</i>						
			<i>Settlement, Extent : Moderate, Area Affected : 10%</i>						
			<i>Location : South Approach</i>						
Embankment									
Earth	100%			LIFE	**				
Mat (scour & erosion)									
Earth	100%			LIFE	**				
Median									
Concrete	100%			LIFE	**	5			
			<i>Rust Stains, Extent : Light, Area Affected : 20%</i>						
			<i>Location : Random Locations Throughout</i>						
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
			<i>Location : Throughout</i>						
			<i>Explanation : Concrete Median With Steel Face</i>						
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Steel	100%			LIFE	**				
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
			<i>Location : Throughout</i>						
			<i>Explanation : Chain Link Fence Behind Steel Railing</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY**  
**Asset # : 13516**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	\$18,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
Piers								
Pier,Columns								
Concrete	100%	4+	\$49,800	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At Pier</i>								
<i>Explanation : Pier Column Is 65 Percent Concrete And 35 Percent Stone Masonry</i>								
Masonry	100%	4+	\$4,100	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Joint/ Mortar</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**	2-8	\$16,500
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
Median								
Concrete	100%	4+	\$38,900	LIFE		**	5	\$27,900
<i>Rust Stains, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near End Approach</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Median With Steel Face</i>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$7,500
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Behind Railing</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROSS BAY BOULEVARD BRIDGE BELT SYSTEM --SHORE PARKWAY**  
**Asset # : 13516**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%	4+	\$7,300	2037	**	5	\$3,600	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Isolated Locations</i>								
Wearing Surface								
Concrete	100%	4+	\$34,200	2041	**	5	\$68,200	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near Approach</i>								
<i>Other Observation, Extent : N/A, Area Affected : 5%</i>								
<i>Location : Southbound Lane</i>								
<i>Explanation : Concrete Patches</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stay In Place Forms Covering The Deck</i>								
Joints								
Generic	100%	4+	\$11,800	LIFE	**			
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 35%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
Steel	2%	2-4	\$36,600	LIFE	**	2-8	\$429,000	
<i>Loss of Section, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Near North Center Pier</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Bird Nesting</i>								
Steel	98%			LIFE	**	2-8	\$429,000	
Secondary Member								
Steel	2%	Now	\$11,300	LIFE	**	2-8	\$359,400	
<i>Loss of Section, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Near North Center Pier</i>								
Steel	98%			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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : CROTONA AVENUE BRONX PELHAM PARKWAY  
**Address** : CROTONA AVE & BX PELHAM PKWY  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0372.000 / 15390 Yr Built/Renovated :  
**Area Sq Ft** : 7,636 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 16-Mar-2022 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2242030

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$165,800	\$113,500
<b>Total</b>	<b>\$165,800</b>	<b>\$113,500</b>
Importance Code A	\$165,800	\$113,500
<b>Total</b>	<b>\$165,800</b>	<b>\$113,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$49,000		\$100	
<b>Total</b>	<b>\$49,000</b>		<b>\$100</b>	
Importance Code A	\$2,500		\$100	
Importance Code C	\$46,500			
<b>Total</b>	<b>\$49,000</b>		<b>\$100</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROTONA AVENUE BRONX PELHAM PARKWAY**  
**Asset # : 15390**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Stem (breastwall)								
Masonry: Granite	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE	**			
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**			
Approaches								
Pavement								
Asphalt	100%	4+	\$19,400	2034	**	4	\$5,600	
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Granite	100%			LIFE	**			
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$6,200	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Near Curb line</i>					
Piers								
Stem,Solid Pier								
Granite	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROTONA AVENUE BRONX PELHAM PARKWAY**  
**Asset # : 15390**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets								
Granite	100%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$6,400	
Sidewalks								
Concrete	11%	4+	\$12,300	2038	**	5	\$2,800	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	89%			2038	**	5	\$5,500	
Wearing Surface								
Asphalt	14%	4+	\$5,500	2034	**	5	\$3,100	
			<i>Spalling, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Map Cracks</i>					
Asphalt	86%			2034	**	5	\$6,200	
Superstructure								
Primary Member								
Concrete	5%	4+	\$109,000	LIFE	**	5	\$56,800	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Fascia</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 2%</i>					
			<i>Location : Northeast Side</i>					
			<i>Explanation : Large Hollow Area</i>					
Concrete	95%			LIFE	**	5	\$113,500	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : CROWN STREET FRANKLIN SHUTTLE  
 Address : CROWN STREET BET. FRANKLIN AVE AND WASHINGTON AVE  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : DOT0332.000 / 15191 Yr Built/Renovated : 1925 /  
 Area Sq Ft : 3,850 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 19-Jan-2021 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2243230

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure		\$8,100	\$5,800	\$1,900
<b>Total</b>		<b>\$8,100</b>	<b>\$5,800</b>	<b>\$1,900</b>
Importance Code A				
Importance Code C		\$8,100	\$5,800	\$1,900
<b>Total</b>		<b>\$8,100</b>	<b>\$5,800</b>	<b>\$1,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROWN STREET FRANKLIN SHUTTLE**  
**Asset # : 15191**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Abutments</b>							
Bridge Seat&pedestals							
Not Accessible	100%						
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%						
<b>Wingwalls</b>							
Footings							
Not Accessible	100%						
Mat (scour & erosion)							
Not Accessible	100%						
Piles							
Not Accessible	100%						
Walls							
Not Accessible	100%						
<b>Feature Crossed</b>							
Mat (scour & erosion)							
Not Accessible	100%						
Pier Protection							
Not Accessible	100%						
<b>Approaches</b>							
Pavement							
Concrete	100%			2041		**	4      \$24,300
			<i>Cracks, Extent : Light, Area Affected : 5%</i>				
			<i>Location : Random Locations Throughout</i>				
Curbs							
Concrete w/ Steel Face	100%			LIFE		**	
			<i>Rust Stains, Extent : Light, Area Affected : 25%</i>				
			<i>Location : Random Locations Throughout</i>				
Embankment							
Not Accessible	100%						
Mat (scour & erosion)							
Not Accessible	100%						
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**  
**CROWN STREET FRANKLIN SHUTTLE**  
**Asset # : 15191**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : South Side Only</i>								
<i>Explanation : Chain Link Fence Behind Steel Railing</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam Not Accessible	100%							
Pier,Columns Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Piles Not Accessible	100%							
Deck Elements								
Curbs Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets Steel	100%			LIFE	**	2-8	\$1,200	
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On South Side Only</i>								
<i>Explanation : Chain Link Fence Behind Steel Railing</i>								
Sidewalks Concrete	100%			2037	**	5	\$3,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface Concrete	100%			2041	**	5	\$11,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CROWN STREET FRANKLIN SHUTTLE**  
**Asset # : 15191**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV  
**Address** : METRO NORTH  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0008.000 / 2443 **Yr Built/Renovated** : 1983 /  
**Area Sq Ft** : 30,192 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Oct-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2076640

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$367,300	\$1,024,200
<b>Total</b>	<b>\$367,300</b>	<b>\$1,024,200</b>
Importance Code A	\$52,800	\$296,900
Importance Code B	\$126,500	\$597,700
Importance Code C	\$188,000	\$129,600
<b>Total</b>	<b>\$367,300</b>	<b>\$1,024,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$95,300	\$8,000	\$91,400	
<b>Total</b>	<b>\$95,300</b>	<b>\$8,000</b>	<b>\$91,400</b>	
Importance Code A	\$23,100	\$8,000	\$31,500	
Importance Code B	\$28,800		\$59,900	
Importance Code C	\$43,400			
<b>Total</b>	<b>\$95,300</b>	<b>\$8,000</b>	<b>\$91,400</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV**  
**Asset # : 2443**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
<b>Feature Crossed</b>								
Bank Protection								
Riprap	100%	Now	\$123,200	LIFE		**		
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 60%</i>					
			<i>Location : Along West Fascia - Harlem River</i>					
			<i>Erosion, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Along Bank Of Harlem River</i>					
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<b>Approaches</b>								
Pavement								
Concrete	100%	4+	\$16,400	2041		**	4	\$14,900
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Both Approaches</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV**  
**Asset # : 2443**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	4+	\$4,800	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : More Severe At South Approach</i>								
Granite	100%			LIFE		**		
Embankment								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Earth	80%			LIFE		**		
Earth	20%	Now	\$1,400	LIFE		**		
<i>Erosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : South Approach Along Bank Of Harlem River</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041		**	4	
Steel	100%			LIFE		**		
Sidewalks								
Concrete	100%			LIFE		**		
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 1 Scupper</i>								
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$126,500	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Spall With Exposed Rebars</i>								
Brngs,Ancr Blts,Pads								
Steel	13%	4+	\$17,000	LIFE		**	2-8	\$16,000
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Under Leaky Deck Joints</i>								
Steel	87%			LIFE		**	2-8	\$16,000
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**  
**DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV**  
**Asset # : 2443**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Piers</b>								
Mat (scour & erosion)								
Riprap	100%	2-4	\$52,800	LIFE		**		
	<i>Other Observation, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Along Harlem River</i>							
	<i>Explanation : Broken/ Missing</i>							
Generic	100%			LIFE		**		
<b>Pedestals</b>								
Concrete	100%	4+	\$21,100	LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Piers 5, 6 And 7</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Granite	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Vegetation Growth</i>							
<b>Railings/Parapets</b>								
Concrete	100%			2041		**	4	\$24,000
Steel	100%			LIFE		**	2-8	\$9,400
	<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 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</i>							
<b>Sidewalks</b>								
Concrete	100%	4+	\$14,000	2037		**	5	\$4,100
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Wearing Surface</b>								
Concrete	95%			2041		**	5	\$129,600
Concrete	5%	4+	\$2,700	2041		**	5	\$64,800
	<i>Cracks, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Spans 1 To 5</i>							
	<i>Spalling, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Near South End</i>							
<b>Superstructure</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**DEPOT PLACE BRIDGE DEPOT PLACE/CONRAIL HUDSON DV**  
**Asset # : 2443**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck, Structural Concrete	100%			LIFE	**	5	\$29,500	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Spans 5 To 11</i> <i>Explanation : Stay In Place Forms At Underdeck</i>								
Joints								
Generic	100%	2-4	\$10,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Leakage, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>								
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 20%</i> <i>Location : Near South Abutment</i> <i>Explanation : Consists Of 20 Percent Precast Box Beam Girders And 80 Percent Steel Girders</i>								
Steel	100%			LIFE	**	2-8	\$554,600	
Secondary Member								
Steel	5%	2-4	\$7,700	LIFE	**	2-8	\$467,600	
<i>Corrosion, Extent : Light, Area Affected : 40%</i> <i>Location : Adjacent To Deck Joints</i> <i>Loss of Section, Extent : Light, Area Affected : 5%</i> <i>Location : Adjacent To Deck Joints</i>								
Steel	95%			LIFE	**	2-8	\$467,600	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : DOUGLASTON PARKWAY LIRR PORT WASHINGTON BRANCH  
**Address** : DOUGLASTON PKWY BET. 40TH AVE AND POPLAR STREET  
**Borough** : QUEENS Agency's Number : N/A  
**Program / Asset #** : DOT0271.000 / 15025 Yr Built/Renovated :  
**Area Sq Ft** : 6,120 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 15-Nov-2019 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2247170

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$80,400	\$80,400
<b>Total</b>	<b>\$80,400</b>	<b>\$80,400</b>
Importance Code C	\$80,400	\$80,400
<b>Total</b>	<b>\$80,400</b>	<b>\$80,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$78,100		\$3,200	
<b>Total</b>	<b>\$78,100</b>		<b>\$3,200</b>	
Importance Code A			\$200	
Importance Code B	\$71,700			
Importance Code C	\$6,400		\$3,100	
<b>Total</b>	<b>\$78,100</b>		<b>\$3,200</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**DOUGLSTON PARKWAY LIRR PORT WASHINGTON BRANCH**  
**Asset # : 15025**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	Now	\$47,400	LIFE	**			
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Stem (breastwall)								
Concrete	7%	Now	\$24,300	LIFE	**			
<i>Spalling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : North Abutment</i>								
Concrete	93%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Timber	100%			2044	**			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2040	**	4	\$19,200	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout, Worst On South Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	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**  
**DOUGLSTON PARKWAY LIRR PORT WASHINGTON BRANCH**

**Asset # : 15025**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Piers</b>								
Cap Beam								
Concrete	100%			LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Pier, Columns								
Concrete	100%			LIFE	**			
Brngs, Ancr Blts, Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Moderate, Area Affected : 80%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$4,300	
Sidewalks								
Concrete	100%			2036	**	5	\$6,100	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout, Worst In Northeast Side</i>					
Wearing Surface								
Concrete	100%			2040	**	5	\$160,800	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Longitudinal Cracks Throughout</i>					
<b>Superstructure</b>								
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  
DOUGLASTON PARKWAY LIRR PORT WASHINGTON BRANCH**

**Asset # : 15025**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Superstructure								
Primary Member								
Prestressed Concrete	100%			LIFE		**		
Box Beam								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : E 103RD STREET PEDESTRIAN BRIDGE FDR DRIVE  
**Address** : FROM E103RD STREET OVER FDR DR. BET. E102ND AND E105TH STREETS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0284.000 / 15042 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,240 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 14-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2232180

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$138,300	\$666,400
<b>Total</b>	<b>\$138,300</b>	<b>\$666,400</b>
Importance Code A		\$131,900
Importance Code B	\$138,300	\$534,500
<b>Total</b>	<b>\$138,300</b>	<b>\$666,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$45,300		\$67,800	
<b>Total</b>	<b>\$45,300</b>		<b>\$67,800</b>	
Importance Code A	\$33,900		\$14,200	
Importance Code B			\$53,600	
Importance Code C	\$11,400			
<b>Total</b>	<b>\$45,300</b>		<b>\$67,800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**E 103RD STREET PEDESTRIAN BRIDGE FDR DRIVE**  
**Asset # : 15042**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Abutments</i>								
<i>Explanation : Walls Enclose Abutment</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Concrete	100%			2040		**	4	\$2,500
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$215,000
Pier,Columns								
Steel	7%	4+	\$138,300	LIFE		**	2-8	\$468,600
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout, Worst At Median Of FDR</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bottom Of Steel Column</i>								
<i>Explanation : The Condition Of Base Plate Is Recorded With The Column</i>								
Steel	93%			LIFE		**	2-8	\$468,600
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**  
**E 103RD STREET PEDESTRIAN BRIDGE FDR DRIVE**  
**Asset # : 15042**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2051	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$27,800	
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Concrete	100%	0-2	\$10,600	2040	**	5	\$15,300	
			<i>Cracks, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Scupper								
Cast Iron	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : At Both Ends Of Primary Span</i>					
			<i>Explanation : 2 Scuppers</i>					
Superstructure								
Deck, Structural								
Concrete	100%	0-2	\$33,900	LIFE	**	5	\$5,800	
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Under Deck Joints</i>					
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$72,700	
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Secondary Member								
Steel	100%			LIFE	**	2-8	\$327,100	
			<i>Rust Stains, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : E 177TH STREET AMTRAK - CSX  
**Address** : E 177TH STREET OVER AMTRAK - CSX N.E OF WEST FARMS BUS DEPOT  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0311.000 / 15069 **Yr Built/Renovated** :  
**Area Sq Ft** : 13,448 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 16-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241269

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$71,100	\$24,200	\$5,500	
<b>Total</b>	<b>\$71,100</b>	<b>\$24,200</b>	<b>\$5,500</b>	
Importance Code A	\$17,000		\$300	
Importance Code B	\$39,700			
Importance Code C	\$14,500	\$24,200	\$5,100	
<b>Total</b>	<b>\$71,100</b>	<b>\$24,200</b>	<b>\$5,500</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**E 177TH STREET AMTRAK - CSX**  
**Asset # : 15069**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%	Now	\$39,700	LIFE		**		
			<i>Spalling, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : West Abutment</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Concrete	100%	Now	\$9,400	2040		**	4	\$13,300
			<i>Cracks, Extent : Light, Area Affected : 6%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Severe, Area Affected : 2%</i>					
			<i>Location : West Abutment</i>					
Curbs								
Concrete w/ Steel Face	4%	Now	\$1,900	LIFE		**		
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>					
			<i>Location : East Approach</i>					
			<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Concrete w/ Steel Face	96%			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 177TH STREET AMTRAK - CSX**  
**Asset # : 15069**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%	0-2	\$5,700	LIFE		**	5	\$500
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Steel Facing</i>					
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
Sidewalks								
Concrete	100%	Now	\$5,100	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Settlement, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Northeast Approach</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**E 177TH STREET AMTRAK - CSX**  
**Asset # : 15069**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Median								
Concrete	100%	0-2	\$5,900	LIFE	**	5	\$2,500	
<i>Rust Stains, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Adjacent To Steel Facing Along The Length</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Facing</i>								
Railings/Parapets								
Concrete	100%			2040	**	4	\$10,500	
Steel	100%			LIFE	**	2-8	\$9,600	
Sidewalks								
Concrete	100%			2036	**	5	\$10,300	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$48,500	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : E 78TH STREET PEDESTRIAN BRIDGE FDR DRIVE  
**Address** : E78TH STREET OVER FDR DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0285.000 / 15043 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,032 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 14-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2232140

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$155,000
<b>Total</b>		<b>\$155,000</b>
Importance Code A		\$62,000
Importance Code B		\$93,000
<b>Total</b>		<b>\$155,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$9,000		\$17,700	
<b>Total</b>	<b>\$9,000</b>		<b>\$17,700</b>	
Importance Code A			\$8,100	
Importance Code B			\$9,500	
Importance Code C	\$9,000			
<b>Total</b>	<b>\$9,000</b>		<b>\$17,700</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**E 78TH STREET PEDESTRIAN BRIDGE FDR DRIVE**  
**Asset # : 15043**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2057	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Masonry	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE	**			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2044	**	4	\$9,200	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$143,300	

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**  
**E 78TH STREET PEDESTRIAN BRIDGE FDR DRIVE**

**Asset # : 15043**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Pier,Columns Steel	100%			LIFE	**	2-8	\$267,800	
<i>Rust Stains, Extent : Light, Area Affected : 1%</i>								
<i>Location : Base Of Northeast Column</i>								
Brngs,Ancr Blts,Pads Elastomeric	100%			2057	**			
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs Steel	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets Steel	100%			LIFE	**	2-8	\$10,800	
Wearing Surface Concrete	100%			2044	**	5	\$11,900	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural Concrete	100%			LIFE	**	5	\$2,200	
<i>Rust Stains, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout Stay In Place Forms</i>								
Joints Generic	100%			LIFE	**			
Primary Member Steel	100%			LIFE	**	2-8	\$28,200	
Secondary Member Steel	100%			LIFE	**	2-8	\$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.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 18-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231390

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$592,600	\$387,500
<b>Total</b>	<b>\$592,600</b>	<b>\$387,500</b>
Importance Code A	\$217,300	\$217,300
Importance Code B	\$170,200	\$170,200
Importance Code C	\$205,100	
<b>Total</b>	<b>\$592,600</b>	<b>\$387,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$275,400		\$143,800	\$34,600
<b>Total</b>	<b>\$275,400</b>		<b>\$143,800</b>	<b>\$34,600</b>
Importance Code A	\$131,800		\$22,200	
Importance Code B	\$71,300		\$17,100	
Importance Code C	\$72,300		\$104,600	\$34,600
<b>Total</b>	<b>\$275,400</b>		<b>\$143,800</b>	<b>\$34,600</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**E. 12TH STREET BRIDGE**  
**Asset # : 13571**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%	Now	\$1,800	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Abutment</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : North Abutment</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Abutment</i>								
<hr/>								
Backwall Concrete	100%			LIFE			**	
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Brngs,Ancr Blts,Pads Elastomeric	100%			2053			**	
<hr/>								
Footings Not Accessible	100%							
<hr/>								
Joint with Deck Generic	100%	4+	\$23,300	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Concrete Headers</i>								
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Concrete Headers</i>								
<hr/>								
Mat (scour & erosion) Earth	100%			LIFE			**	
<hr/>								
Pedestals Concrete	100%			LIFE			**	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Stem (breastwall) Concrete	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : On Both Abutments</i>								
<i>Explanation : Concrete Stem With Masonry Facing</i>								
<hr/>								
<b>Wingwalls</b>								
Footings Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Generic	100%			LIFE			**	
<hr/>								
Piles Not Accessible	100%							
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**E. 12TH STREET BRIDGE**  
**Asset # : 13571**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	95%			LIFE		**		
Concrete	5%	4+	\$141,300	LIFE		**		
<i>Efflorescence, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joints Missing, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northwest Wingwall</i>								
<i>Explanation : Concrete Wingwall With Masonry Facing Throughout. Water Stains</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Belt Parkway And Earth</i>								
Approaches								
Pavement								
Concrete	98%			2042		**	4	\$209,100
Concrete	2%	0-2	\$63,800	2042		**	4	\$209,100
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Near South Abutment Joint</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%	4+	\$22,700	LIFE		**	5	\$11,300
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	\$19,800	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$181,800
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Pier, Columns								
Concrete	100%	4+	\$17,100	LIFE		**		
<i>Joints Missing, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Center Pier</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : All Piers</i>								
<i>Explanation : Outer Face Finished With Stone Masonry</i>								
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+	\$11,100	LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Median								
Concrete	100%	4+	\$6,100	LIFE		**	5	\$3,000
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$18,600

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**  
**E. 12TH STREET BRIDGE**  
**Asset # : 13571**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%	4+	\$15,700	2038	**	5	\$2,200	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2042	**	5	\$69,100	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covered With Stay In Place Forms</i>								
Joints								
Generic	100%	4+	\$36,900	LIFE	**			
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Concrete Headers</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$545,000	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Painted Throughout</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$467,600	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Painted Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : E. 165TH ST. BRIDGE / METRO-NORTH RR  
**Address** : E. 165TH ST  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0166.000 / 13574 **Yr Built/Renovated** : 1897 /  
**Area Sq Ft** : 16,400 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 03-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241630

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,468,600	
<b>Total</b>	<b>\$1,468,600</b>	
Importance Code C	\$1,468,600	
<b>Total</b>	<b>\$1,468,600</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$93,300		\$5,300	
<b>Total</b>	<b>\$93,300</b>		<b>\$5,300</b>	
Importance Code A	\$12,600		\$5,300	
Importance Code C	\$80,600			
<b>Total</b>	<b>\$93,300</b>		<b>\$5,300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**E. 165TH ST. BRIDGE / METRO-NORTH RR**  
**Asset # : 13574**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
Masonry: Stone	100%			LIFE	**			
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	60%	2-4	\$102,500	2034	**	4	\$45,500	
			<i>Cracks, Extent : Moderate, Area Affected : 35%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Asphalt	40%			2027	\$1,366,200	4	\$68,300	
Concrete	100%			2042	**	4		
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
<b>Median</b>								
Concrete	100%			LIFE	**	5		
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Sidewalks</b>								
Concrete	100%	4+	\$17,500	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**E. 165TH ST. BRIDGE / METRO-NORTH RR**  
**Asset # : 13574**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Southwest Side</i>								
<i>Explanation : One Scupper</i>								
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<hr/>								
Median								
Concrete	100%	4+	\$4,300	LIFE		**	5	\$2,100
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Railings/Parapets								
Concrete	100%			2042		**	4	\$9,700
Steel	100%			LIFE		**	2-8	\$21,600
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<hr/>								
Sidewalks								
Concrete	100%	4+	\$7,500	2038		**	5	\$2,600
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Wearing Surface								
Asphalt	100%	2-4	\$32,800	2034		**	5	\$12,100
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								
Deck, Structural								
Not Accessible	100%							
<hr/>								
Primary Member								
Not Accessible	100%							
<hr/>								
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : EAST 10TH ST. PEDESTRIAN BRIDGE FDR DRIVE  
**Address** : NORTH SIDE E 10TH ST OVER FDR DR  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0337.000 / 15196 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,192 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2233020

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$139,500
<b>Total</b>		<b>\$139,500</b>
Importance Code A		\$139,500
<b>Total</b>		<b>\$139,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$20,400	\$4,600	\$20,900	
<b>Total</b>	<b>\$20,400</b>	<b>\$4,600</b>	<b>\$20,900</b>	
Importance Code A	\$19,400		\$17,800	
Importance Code B			\$3,100	
Importance Code C	\$1,000	\$4,600		
<b>Total</b>	<b>\$20,400</b>	<b>\$4,600</b>	<b>\$20,900</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
EAST 10TH ST. PEDESTRIAN BRIDGE FDR DRIVE**

**Asset # : 15196**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			2052	**			
		<i>Corrosion, Extent : Light, Area Affected : 30% Location : Random Locations Throughout</i>						
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								
Concrete	100%			LIFE	**			
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE	**			
Pier Protection Concrete	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 5% Location : Random Locations Throughout Explanation : Cracks</i>						
Approaches								
Pavement								
Concrete	100%			2041	**	4	\$13,900	
		<i>Cracks, Extent : Light, Area Affected : 5% Location : Random Locations Throughout</i>						
Curbs								
Concrete	100%			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  
EAST 10TH ST. PEDESTRIAN BRIDGE FDR DRIVE**

**Asset # : 15196**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Behind Steel Bridge Railing</i>								
Scupper								
Galvanized Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : West Side</i>								
<i>Explanation : 1 Scupper Observed</i>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$322,500	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Pier, Columns								
Steel	100%			LIFE	**	2-8	\$33,500	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 25 Percent Not Accessible</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2052	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$21,900	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Behind Steel Bridge Railing</i>								
Wearing Surface								
Concrete	100%	4+	\$1,000	2041	**	5	\$3,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
EAST 10TH ST. PEDESTRIAN BRIDGE FDR DRIVE**

**Asset # : 15196**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Scupper								
Galvanized Steel	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Each Side</i>							
	<i>Explanation : 2 Scuppers</i>							
<hr/>								
<b>Superstructure</b>								
Deck, Structural								
Concrete	100%	4+	\$19,400	LIFE		**	5	\$6,800
	<i>Corrosion, Extent : Severe, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout, Especially At Joints</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Entire Deck</i>							
	<i>Explanation : 25 Percent Not Accessible. Bottom Covered With Stay In Place Forms</i>							
<hr/>								
<b>Joints</b>								
Generic	100%			LIFE		**		
<hr/>								
Primary Member								
Steel	100%			LIFE		**	2-8	\$57,200
	<i>Corrosion, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 25 Percent Not Accessible</i>							
<hr/>								
Secondary Member								
Steel	100%			LIFE		**	2-8	\$29,700
	<i>Corrosion, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 25%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 25 Percent Not Accessible</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : EAST 111TH ST. PEDESTRIAN BRIDGE FDR DRIVE  
**Address** : E 111TH ST PED BRDG OVER FDR DR  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0336.000 / 15195 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,275 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Dec-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2232190

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$320,600	\$248,700
<b>Total</b>	<b>\$320,600</b>	<b>\$248,700</b>
Importance Code A	\$211,200	\$62,700
Importance Code B	\$109,500	\$186,000
<b>Total</b>	<b>\$320,600</b>	<b>\$248,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$61,600	\$100	\$25,700	
<b>Total</b>	<b>\$61,600</b>	<b>\$100</b>	<b>\$25,700</b>	
Importance Code A	\$54,800		\$7,000	
Importance Code B	\$2,600		\$18,700	
Importance Code C	\$4,200	\$100		
<b>Total</b>	<b>\$61,600</b>	<b>\$100</b>	<b>\$25,700</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 111TH ST. PEDESTRIAN BRIDGE FDR DRIVE**  
**Asset # : 15195**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Joint with Deck								
Generic	100%			LIFE		**		
Walls								
Concrete	100%			LIFE		**		
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	100%			2033	\$5,500	4	\$200	
Pavement Base								
Not Accessible	100%							
Piers								
Pier,Columns								
Steel	90%			LIFE		**	2-8	\$267,800
			<i>Corrosion, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Paint Peeling</i>					
Steel	10%	Now	\$109,500	LIFE		**	2-8	\$267,800
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : On East Side</i>					
			<i>Explanation : Temporary Timber Pier In Place</i>					
Stem,Solid Pier								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Peeling Paint</i>					
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	7%	0-2	\$21,300	2052		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	93%			2052		**		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 111TH ST. PEDESTRIAN BRIDGE FDR DRIVE**  
**Asset # : 15195**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets Steel	100%			LIFE	**	2-8	\$20,200	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Main Deck Above Traffic</i>								
<i>Explanation : Chain Link Fence On Both Sides</i>								
<hr/>								
Wearing Surface Concrete	100%	4+	\$4,200	2041	**	5	\$12,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rust Stains On Concrete</i>								
<hr/>								
Scupper Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 2 Scuppers Observed</i>								
<hr/>								
<b>Superstructure</b>								
Deck, Structural Concrete	100%	0-2	\$33,500	LIFE	**	5	\$6,300	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Spalls Covered With Steel Wire Mesh</i>								
<hr/>								
<b>Joints</b>								
Steel	100%			LIFE	**			
<hr/>								
Primary Member Steel	5%	2-4	\$211,200	LIFE	**	2-8	\$58,600	
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Steel	95%			LIFE	**	2-8	\$58,600	

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 111TH ST. PEDESTRIAN BRIDGE FDR DRIVE**

**Asset # : 15195**

Bridge Structure	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%    4+                      \$2,600    2060                      \* \*

*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 : 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.*

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : EAST 128TH ST. PEDESTRIAN BRIDGE 3RD AVENUE BRIDGE APPROACH  
**Address** : EAST 128TH STREET AND 3RD AVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0338.000 / 15197 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,545 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Dec-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246620

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$523,800	\$376,100
<b>Total</b>	<b>\$523,800</b>	<b>\$376,100</b>
Importance Code A	\$523,800	\$205,600
Importance Code B		\$170,500
<b>Total</b>	<b>\$523,800</b>	<b>\$376,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$88,200	\$1,400	\$39,300	
<b>Total</b>	<b>\$88,200</b>	<b>\$1,400</b>	<b>\$39,300</b>	
Importance Code A	\$66,000		\$22,200	
Importance Code B			\$17,100	
Importance Code C	\$22,200	\$1,400		
<b>Total</b>	<b>\$88,200</b>	<b>\$1,400</b>	<b>\$39,300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 128TH ST. PEDESTRIAN BRIDGE 3RD AVENUE BRIDGE APPROACH**  
**Asset # : 15197**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Walls								
Concrete	100%	4+	\$12,100	LIFE		**		
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Wall Consists Of 100% Brick.</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Concrete	100%			2041		**	4	\$4,200
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Sides</i>								
<i>Explanation : Concrete Sidewalks Serves As Approach.</i>								
Pavement Base								
Not Accessible	100%							
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$295,600
Pier,Columns								
Steel	100%			LIFE		**	2-8	\$490,900
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	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**  
**EAST 128TH ST. PEDESTRIAN BRIDGE 3RD AVENUE BRIDGE APPROACH**  
**Asset # : 15197**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets								
Concrete	100%	4+	\$17,300	2041	**	4	\$15,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Steel	90%			LIFE	**	2-8	\$21,500	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : On Both Sides Of Sloping Deck At All 3 Approaches</i> <i>Explanation : Chain Link Fence Behind Steel Posts</i>								
Steel	10%	Now	\$36,600	LIFE	**	2-8	\$21,500	
<i>Other Observation, Extent : Severe, Area Affected : 40%</i> <i>Location : East Girder Over 128th Street</i> <i>Explanation : Impact Damage To Primary Member Caused Bending And Shifting In Position Of Railing.</i>								
Wearing Surface								
Concrete	100%	Now	\$22,200	2041	**	5	\$13,300	
<i>Cracks, Extent : Light, Area Affected : 15%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i> <i>Location : Throughout</i> <i>Explanation : Covered In Timber And Steel Mesh</i>								
Joints								
Steel	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Primary Member								
Steel	90%			LIFE	**	2-8	\$72,600	
<i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
Steel	10%	Now	\$523,800	LIFE	**	2-8	\$72,600	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i> <i>Location : East Girder Over 128th Street</i> <i>Explanation : Impact Damage</i>								
Secondary Member								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i> <i>Location : Throughout</i> <i>Explanation : Covered With Timber And Steel Mesh</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : EAST 129TH ST. PEDESTRIAN BRIDGE 3RD AVENUE BRIDGE RAMP  
**Address** : NORTH SIDE OF E 129TH STREET OFF LEXINGTON AVENUE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0339.000 / 15198 **Yr Built/Renovated** :  
**Area Sq Ft** : 960 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Dec-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246990

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$103,300
<b>Total</b>		<b>\$103,300</b>
Importance Code A		\$41,300
Importance Code B		\$62,000
<b>Total</b>		<b>\$103,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$900	\$1,500	\$11,400	
<b>Total</b>	<b>\$900</b>	<b>\$1,500</b>	<b>\$11,400</b>	
Importance Code A		\$700	\$5,100	
Importance Code B			\$6,300	
Importance Code C	\$900	\$800		
<b>Total</b>	<b>\$900</b>	<b>\$1,500</b>	<b>\$11,400</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 129TH ST. PEDESTRIAN BRIDGE 3RD AVENUE BRIDGE RAMP**  
**Asset # : 15198**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2041	**	4	\$2,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Sides</i>								
<i>Explanation : Concrete Sidewalks Serves As Approach</i>								
Pavement Base								
Not Accessible	100%							
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$95,600	
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$178,500	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2041	**	4	\$2,100	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$5,100	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Chain Link Fence</i>								
Wearing Surface								
Concrete	100%	4+	\$900	2041	**	5	\$2,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covered With Timber And Steel Mesh</i>								
Joints								
Generic	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 129TH ST. PEDESTRIAN BRIDGE 3RD AVENUE BRIDGE RAMP**  
**Asset # : 15198**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	100%			LIFE	**	2-8	\$14,800	
		<i>Corrosion, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
<hr/>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$500	
		<i>Corrosion, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 70%</i>						
		<i>Location : Main Deck</i>						
		<i>Explanation : Secondary Member Consists Of 30 Percent Steel, 70 Percent Not Accessible From Timber Covering</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 09-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241550

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$33,100			
<b>Total</b>	<b>\$33,100</b>			
Importance Code B	\$21,600			
Importance Code C	\$11,500			
<b>Total</b>	<b>\$33,100</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR**  
**Asset # : 13718**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Underside Of Bridge Throughout</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	25%	Now	\$21,600	LIFE			**	
<i>Missing/Damaged Seal, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Both Sides</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : East Side</i>								
<i>Explanation : Debris</i>								
Generic	75%			LIFE			**	
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stem Breastwall 50 Percent Concrete And 50 Percent Not Accessible</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Walls Consist Of 25 Percent Concrete, 25 Percent Masonry, 25 Percent Not Accessible, And 25% Under Construction.</i>								
Masonry	100%			LIFE			**	
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**  
**EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR**  
**Asset # : 13718**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Approaches								
Pavement								
Concrete	100%	4+	\$5,500	2041		**	4	\$3,100
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Beginning at Right Side</i>								
<i>Explanation : Begin Right Wingwall Is Earth And Concrete Cribbing</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041		**	4	
Steel	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Chain-link Fence On Top Of Concrete Parapet</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 144TH STREET BRIDGE E. 144TH ST./METRO NORTH RR HAR**  
**Asset # : 13718**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Random Locations Throughout</i>					
Mono Deck Surface								
Concrete	100%			2052	**	5		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Concrete	100%			2041	**	4		
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Both Sides</i>					
			<i>Explanation : Chain-link Fence On Top Of Concrete Parapet</i>					
Sidewalks								
Concrete	100%	4+	\$6,000	2037	**	5	\$3,500	
			<i>Cracks, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 09-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241129

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$248,900
<b>Total</b>		<b>\$248,900</b>
Importance Code A		\$124,500
Importance Code B		\$124,500
<b>Total</b>		<b>\$248,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$48,500	\$1,300	\$25,300	
<b>Total</b>	<b>\$48,500</b>	<b>\$1,300</b>	<b>\$25,300</b>	
Importance Code A	\$5,700	\$1,300	\$12,800	
Importance Code B			\$12,500	
Importance Code C	\$42,700			
<b>Total</b>	<b>\$48,500</b>	<b>\$1,300</b>	<b>\$25,300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 149TH STREET BRIDGE**  
**Asset # : 13713**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Underside Of Bridge Throughout</i>							
	<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
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		**		
Approaches								
Pavement								
Concrete	100%	2-4	\$13,200	2041		**	4	\$5,800
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Adjacent To Joints At West Abutment And Random Locations At South Abutment</i>							
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
	<i>Rust Stains, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Random Locations Throughout</i>							
Embankment								
Earth	100%			LIFE		**		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 149TH STREET BRIDGE**  
**Asset # : 13713**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
Guide Railing								
Concrete	80%	4+	\$1,800	2041	**	4	\$2,600	
	<i>Cracks, Extent : Light, Area Affected : 4%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random Locations Throughout</i>							
Concrete	20%			2041	**	4	\$3,900	
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	90%	4+	\$3,900	LIFE	**			
	<i>Cracks, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
Concrete	10%	4+	\$6,500	LIFE	**			
	<i>Settlement, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Piers</b>								
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%							
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 149TH STREET BRIDGE**  
**Asset # : 13713**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Median								
Concrete	100%	4+	\$4,000	LIFE	**	5	\$2,600	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Mono Deck Surface								
Concrete	100%	4+	\$6,600	2052	**	5	\$33,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$9,900	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Steel Fascia With Steel Railing And Cladding On Top</i>								
Sidewalks								
Concrete	100%	4+	\$12,600	2037	**	5	\$5,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$232,500	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$194,700	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 03-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241050

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$129,500		\$13,500	
<b>Total</b>	<b>\$129,500</b>		<b>\$13,500</b>	
Importance Code A	\$14,300		\$2,100	
Importance Code C	\$115,300		\$11,400	
<b>Total</b>	<b>\$129,500</b>		<b>\$13,500</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 149TH STREET/JACKSON AVE CONRAIL PORT MORRIS**

**Asset # : 2479**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	50%			2034	**	4	\$22,800	
Asphalt	50%	4+	\$42,800	2034	**	4	\$22,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Uneven Asphalt Surface</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$14,300	LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Embankment</b>								
Generic	100%			LIFE	**			
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 149TH STREET/JACKSON AVE CONRAIL PORT MORRIS**

**Asset # : 2479**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	\$28,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2042		**	4	\$4,200
<i>Other Observation, Extent : N/A, Area Affected : 40%</i>								
<i>Location : North Side Of Deck</i>								
<i>Explanation : Concrete Parapet</i>								
Sidewalks								
Concrete	100%	4+	\$13,100	2038		**	5	\$4,500
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$30,700	2042		**	5	\$17,100
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Along Both Sides Of Approach Joints</i>								
<i>Delaminations, Extent : Light, Area Affected : 2%</i>								
<i>Location : Along Both Sides Of Approach Joints</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Along Both Sides Of Approach Joints</i>								
<b>Superstructure</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : EAST 14TH STREET PEDESTRIAN BRDG BELT SYSTEM - SHORE PARKWAY  
**Address** : E 14 ST PED BRDG OVER BELT PKWY AT VOORHIES AVE, SHEEPSHEAD BAY  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0390.000 / 15410 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,148 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 18-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2233080

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$108,200		\$1,700	
<b>Total</b>	<b>\$108,200</b>		<b>\$1,700</b>	
Importance Code A	\$81,400		\$1,700	
Importance Code B	\$15,900			
Importance Code C	\$11,000			
<b>Total</b>	<b>\$108,200</b>		<b>\$1,700</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 14TH STREET PEDESTRIAN BRDG BELT SYSTEM - SHORE PARKWAY**  
**Asset # : 15410**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Abutment On North Side. Stair Deck Rests On Ground On Northeast Side. Bridge Shares Abutment With Railroad Abutment On South End.</i>								
<hr/>								
Backwall Concrete	100%			LIFE			* *	
<hr/>								
Brngs,Ancr Blts,Pads Steel	100%	4+	\$3,000	LIFE			* *	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Southeast Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Southwest Side</i>								
<i>Explanation : Limited Access To Bearings</i>								
<hr/>								
<b>Footings</b>								
Not Accessible	100%							
<hr/>								
<b>Joint with Deck</b>								
Generic	100%			LIFE			* *	
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE			* *	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout South Abutment</i>								
<i>Explanation : Concrete Sidewalk</i>								
<hr/>								
<b>Pedestals</b>								
Concrete	100%	4+	\$4,200	LIFE			* *	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Abutment</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Abutment</i>								
<hr/>								
<b>Stem (breastwall)</b>								
Concrete	100%	4+	\$2,400	LIFE			* *	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout South Abutment</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout South Abutment</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout South Abutment</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : South End</i>								
<i>Explanation : Stem Extends From Railway Bridge Abutment</i>								
<hr/>								
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Southeast Corner</i>								
<i>Explanation : Wingwall Is Only At One Side</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 14TH STREET PEDESTRIAN BRDG BELT SYSTEM - SHORE PARKWAY**  
**Asset # : 15410**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Southeast Side</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Stairs On Wingwall</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Belt Parkway, Concrete Sidewalk And Earth</i>					
Pier Protection								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : On Both Sides</i>					
			<i>Explanation : Adjacent To Belt Parkway</i>					
Approaches								
Pavement								
Concrete	100%	4+	\$800	2042		**	4	\$1,100
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : South Approach</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : South Approach</i>					
Curbs								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : South Approach</i>					
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
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**  
**EAST 14TH STREET PEDESTRIAN BRDG BELT SYSTEM - SHORE PARKWAY**  
**Asset # : 15410**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Cap Beam Steel	100%			LIFE	**	2-8		
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Pier,Columns Steel	100%			LIFE	**	2-8		
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Mat (scour & erosion) Generic	100%			LIFE	**			
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs Concrete	100%			2053	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets Steel	100%	4+	\$6,800	LIFE	**	2-8	\$19,900	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout With Moderate Cases On East Side</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Steel Wire Mesh Throughout Main Deck On 80 Percent Of Area. Pack Rust</i>								
Wearing Surface Concrete	100%	2-4	\$4,600	2042	**	5	\$1,400	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Patches With Water Ponding</i>								
Scupper Cast Iron	100%	Now	\$5,600	LIFE	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At North End</i>								
<b>Superstructure</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 14TH STREET PEDESTRIAN BRDG BELT SYSTEM - SHORE PARKWAY**  
**Asset # : 15410**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$16,200	LIFE	**	5	\$200	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>								
<i>Location : At North End</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : At North End</i>								
<i>Other Observation, Extent : N/A, Area Affected : 5%</i>								
<i>Location : Over Sidewalk On North Side</i>								
<i>Explanation : Moderate Water Stains At 10 Percent Of Underdeck Area. Covered With Mesh</i>								
Primary Member								
Steel	40%	4+	\$44,400	LIFE	**	2-8	\$9,500	
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout With Severe Cases At North End</i>								
Steel	60%			LIFE	**	2-8	\$16,300	
Secondary Member								
Concrete Encased Steel	100%	Now	\$10,400	2061	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout With Exposed Bottom Flanges</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 80 Percent Of Concrete Encased Steel Not Accessible As Floor Beams Are Covered With Timber Shielding.</i>								
Steel	100%	4+	\$3,100	LIFE	**	2-8	\$100	
<i>Corrosion, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Throughout Stair</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$567,900	\$1,179,600
<b>Total</b>	<b>\$567,900</b>	<b>\$1,179,600</b>
Importance Code A	\$335,900	\$541,200
Importance Code B	\$232,000	
Importance Code C		\$638,400
<b>Total</b>	<b>\$567,900</b>	<b>\$1,179,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$148,500	\$19,700	\$51,900	
<b>Total</b>	<b>\$148,500</b>	<b>\$19,700</b>	<b>\$51,900</b>	
Importance Code A	\$10,100		\$48,900	
Importance Code B	\$47,800		\$2,900	
Importance Code C	\$90,600	\$19,700		
<b>Total</b>	<b>\$148,500</b>	<b>\$19,700</b>	<b>\$51,900</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 156TH STREET ACCESS TO HOUSING**  
**Asset # : 14990**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	90%	4+	\$18,400	LIFE			**	
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Missing Elements</i>					
Generic	10%			LIFE			**	
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	36%	4+	\$29,400	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 50 Percent Concrete</i>					
Concrete	64%			LIFE			**	
Masonry	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 50 Percent Masonry</i>					
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	26%	4+	\$23,900	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	74%			LIFE			**	
Feature Crossed								
Bank Protection								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paved Roadway</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$3,200	2031	\$158,200	4	\$2,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
Embankment								
Generic	100%			LIFE			**	
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	\$900	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Concrete	64%	4+	\$117,600	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns Concrete	100%	4+	\$112,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%	4+	\$119,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Railings/Parapets								
Concrete	100%	4+	\$10,100	2039		**	4	\$1,900
<i>Cracks, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Concrete</i>								
Steel	100%			LIFE		**	2-8	\$2,700
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Steel</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	35%	4+	\$17,600	2035	**	5	\$19,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	65%			2035	**	5	\$39,300	
Wearing Surface								
Asphalt	100%	4+	\$24,000	2031	\$480,200	5	\$20,200	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$218,300	LIFE	**	5	\$54,200	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
Joints								
Generic	100%	4+	\$21,000	LIFE	**			
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Elements</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$909,600	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rusted</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$45,700	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rusted</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 25-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2242300

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$513,100	\$2,441,100
<b>Total</b>	<b>\$513,100</b>	<b>\$2,441,100</b>
Importance Code A	\$157,000	\$292,700
Importance Code B	\$356,100	\$682,300
Importance Code C		\$1,466,000
<b>Total</b>	<b>\$513,100</b>	<b>\$2,441,100</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$53,000		\$78,200	\$16,500
<b>Total</b>	<b>\$53,000</b>		<b>\$78,200</b>	<b>\$16,500</b>
Importance Code A			\$6,200	
Importance Code B	\$3,800		\$68,400	
Importance Code C	\$49,200		\$3,600	\$16,500
<b>Total</b>	<b>\$53,000</b>		<b>\$78,200</b>	<b>\$16,500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST**  
**Asset # : 2488**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
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+	\$3,800	LIFE		**		
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Pothole At Eastern Portal Of Tunnel</i>					
Stem (breastwall)								
Concrete	100%	4+	\$166,900	LIFE		**		
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Spalling At Interface With Soldier Piles, Water Infiltration At One Spall In South Abutment</i>					
Steel	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Rust Stains</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 75%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Peeling Paint</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
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 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST**  
**Asset # : 2488**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	70%			2032	\$751,200	4	\$24,500	
Asphalt	30%	4+	\$32,200	2032	\$322,000	4	\$16,300	
<i>Cracks, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Sidewalks</b>								
Concrete	20%	4+	\$1,900	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	80%			LIFE		**		
<b>Piers</b>								
<b>Cap Beam</b>								
Concrete Encased Steel	100%			LIFE		**	5	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 15 Percent Of Total</i>								
Steel	100%			LIFE		**	2-8	\$140,700
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 15 Percent Of Total</i>								
<b>Pier,Columns</b>								
Steel	90%			LIFE		**	2-8	\$982,300
Steel	10%	4+	\$189,300	LIFE		**	2-8	\$982,300
<i>Corrosion, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Pitting Throughout</i>								
<b>Stem,Solid Pier</b>								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Wall Between Columns At Bottom</i>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 170 ST. BRIDGE GRAND CONCOURSE/EAST 170TH ST**  
**Asset # : 2488**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Gratings								
Steel	100%			LIFE		**		
Median								
Concrete	100%			LIFE		**	5	\$50,800
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : West Side</i>								
<i>Explanation : Concrete With Walls And Brick Paving</i>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$2,100
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence And Box Beam Railing</i>								
Sidewalks								
Concrete	80%			2036		**	5	\$7,200
Concrete	20%	4+	\$4,600	2036		**	5	\$3,600
<i>Cracks, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout, Large Crack At Sidewalk Over Eastern End Of Tunnel</i>								
<i>Spalling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Eastern End</i>								
Wearing Surface								
Asphalt	70%			2032	\$275,000		5	\$33,000
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : West Side</i>								
<i>Explanation : Plants And Garden</i>								
Asphalt	30%	2-4	\$2,400	2032	\$117,900		5	\$16,500
<i>Cracks, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Superstructure</b>								
Deck, Structural								
Concrete	100%	4+	\$157,000	LIFE		**	5	\$38,900
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Cracks With Efflorescence At Deck In Vicinity Of Subway</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Underside Of Deck</i>								
<i>Explanation : Peeling Paint</i>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 01-Mar-2022 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2066720

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$1,609,500	\$1,543,900
<b>Total</b>	<b>\$1,609,500</b>	<b>\$1,543,900</b>
Importance Code A	\$578,600	\$517,900
Importance Code B	\$910,900	\$944,200
Importance Code C	\$120,000	\$81,700
<b>Total</b>	<b>\$1,609,500</b>	<b>\$1,543,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$506,800		\$145,000	
<b>Total</b>	<b>\$506,800</b>		<b>\$145,000</b>	
Importance Code A	\$307,900		\$50,300	
Importance Code B	\$159,100		\$94,700	
Importance Code C	\$39,800			
<b>Total</b>	<b>\$506,800</b>		<b>\$145,000</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 174TH STREET/AMTRAK BRIDGE SHERIDAN EXPRESSWAY I895/AMTRAK**  
**Asset # : 2440**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
<b>Bridge Seat&amp;pedestals</b>								
Concrete	20%			LIFE		**		
Concrete	30%	4+	\$9,500	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations On Bridge Seat, West Abutment</i>								
Concrete	50%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : East Abutment</i>								
<i>Explanation : Not Accessible</i>								
<b>Backwall</b>								
Concrete	10%	4+	\$3,700	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Abutment</i>								
Concrete	40%			LIFE		**		
Concrete	50%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : East Abutment</i>								
<i>Explanation : Not Accessible</i>								
<b>Brngs,Ancr Blts,Pads</b>								
Steel	50%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : East Abutment</i>								
<i>Explanation : Not Accessible</i>								
Steel	50%			LIFE		**		
<b>Footings</b>								
Not Accessible	100%							
<b>Joint with Deck</b>								
Generic	100%	4+	\$28,200	LIFE		**		
<i>Loose Elements, Extent : Light, Area Affected : 15%</i>								
<i>Location : West Abutment</i>								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : East Abutment</i>								
<i>Explanation : Location Noted</i>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : East Abutment</i>								
<i>Explanation : Location Noted</i>								
<b>Pedestals</b>								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : East Abutment</i>								
<i>Explanation : Location Noted</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Stem (breastwall)								
Concrete	100%			LIFE		**		
		<i>Cracks, Extent : Moderate, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Not Accessible	100%							
		<i>Other Observation, Extent : N/A, Area Affected : 0%</i>						
		<i>Location : East Abutment</i>						
		<i>Explanation : Location Noted</i>						
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							
		<i>Other Observation, Extent : N/A, Area Affected : 0%</i>						
		<i>Location : East Abutment</i>						
		<i>Explanation : Location Noted</i>						
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		
<b>Piles</b>								
Not Accessible	100%							
<b>Walls</b>								
Not Accessible	100%							
<b>Feature Crossed</b>								
<b>Bank Protection</b>								
Riprap	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 50%</i>						
		<i>Location : River Banks</i>						
		<i>Explanation : East Bank Has Riprap, West Bank Is Earth</i>						
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
<b>Approaches</b>								
<b>Pavement</b>								
Concrete	100%	4+	\$10,900	2042		**	4	\$15,400
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Embankment</b>								
Earth	100%			LIFE		**		
<b>Mat (scour &amp; erosion)</b>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Median								
Concrete	100%	4+	\$20,300	LIFE	**	5	\$900	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 1%</i>							
	<i>Location : East End</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4		
Steel	100%			LIFE	**			
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : East Approach</i>							
	<i>Explanation : Steel Wall Panel 230 Feet, And Chain Link Fence With 4-steel Rails.</i>							
Sidewalks								
Concrete	55%	4+	\$11,900	LIFE	**			
	<i>Cracks, Extent : Light, Area Affected : 8%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Settlement, Extent : Light, Area Affected : 8%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : East Corner</i>							
	<i>Explanation : Uneven Surface</i>							
Concrete	45%			LIFE	**			
Scupper								
Cast Iron	100%			LIFE	**			
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : North Approach</i>							
	<i>Explanation : Two Scuppers</i>							
Piers								
Cap Beam								
Concrete	100%	4+	\$25,300	LIFE	**			
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Pier,Columns								
Concrete	100%	4+	\$170,900	LIFE	**			
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Loss of Section, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Coping At Top Of Pier 5</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Steel	100%			LIFE	**	2-8	\$140,100	

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 174TH STREET/AMTRAK BRIDGE SHERIDAN EXPRESSWAY I895/AMTRAK**  
**Asset # : 2440**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier Concrete	100%	4+	\$253,000	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Spall With Exposed Rebar</i>								
<hr/>								
Brngs,Ancr Blts,Pads Steel	50%			LIFE		**	2-8	\$10,000
Steel	50%			LIFE		**	2-8	\$10,000
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Footings</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%	4+	\$2,100	LIFE		**		
<i>Erosion, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Near Pier 6</i>								
<hr/>								
<b>Pedestals</b>								
Concrete	80%			LIFE		**		
Concrete	20%	4+	\$11,000	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Piers 5 And 6, Temporary Shoring At Pier 5</i>								
<i>Loss of Section, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Piers 5 And 6, Temporary Shoring Installed</i>								
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Guide Railing</b>								
Steel	100%			LIFE		**		
<i>Loose Fastenings, Extent : Light, Area Affected : 2%</i>								
<i>Location : Midspan South Sidewalk</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At Both Sides Of The Truss Bridge</i>								
<i>Explanation : Corrugated Guide Rail With 3-pipe Railing</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Median</b>								
Concrete	100%	4+	\$39,500	LIFE	**	5	\$16,800	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Railings/Parapets</b>								
Concrete	100%			2042	**	4	\$5,600	
Steel	100%			LIFE	**	2-8	\$52,900	
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<b>Sidewalks</b>								
Concrete	90%			2038	**	5	\$30,600	
Concrete	10%	4+	\$51,700	2038	**	5	\$15,300	
<i>Cracks, Extent : Light, Area Affected : 35%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$68,300	2042	**	5	\$81,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout Along The Curb</i>								
<i>Explanation : Total Of 8 Scuppers</i>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	85%			LIFE	**	5	\$60,600	
Concrete	15%	4+	\$121,300	LIFE	**	5	\$30,300	
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout, Concentrated At Piers 3 And 5</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Throughout, Concentrated At Piers 3 And 5</i>								
<b>Joints</b>								
Generic	80%			LIFE	**			
Generic	20%	4+	\$13,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loose Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : At Span 4</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,463,900	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Secondary Member								
Steel	99%			LIFE	**	2-8	\$1,256,000	
Steel	1%	4+	\$11,800	LIFE	**	2-8	\$715,500	
<i>Loss of Section, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : At Span 6</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paint Peeling</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$677,600
<b>Total</b>		<b>\$677,600</b>
Importance Code A		\$115,900
Importance Code C		\$561,700
<b>Total</b>		<b>\$677,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$79,600	\$1,500	\$1,000	\$11,100
<b>Total</b>	<b>\$79,600</b>	<b>\$1,500</b>	<b>\$1,000</b>	<b>\$11,100</b>
Importance Code A			\$1,000	\$11,100
Importance Code C	\$79,600	\$1,500		
<b>Total</b>	<b>\$79,600</b>	<b>\$1,500</b>	<b>\$1,000</b>	<b>\$11,100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 60TH STREET FDR DRIVE**  
**Asset # : 14977**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$28,700	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Asphalt	100%	4+	\$3,300	2031	\$167,000	4	\$2,300	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : South Approach</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : North Approach</i>					
			<i>Explanation : 50 Percent Asphalt Pavers</i>					
Embankment								
Generic	100%			LIFE			**	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 60TH STREET FDR DRIVE**  
**Asset # : 14977**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2039	**	4	\$1,500	
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Sidewalks								
Concrete	100%			LIFE		**		
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Rust</i>						
Railings/Parapets								
Concrete	100%			2039	**	4	\$20,600	
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 95 Percent Concrete</i>						
Steel	100%			LIFE	**	2-8	\$28,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 5 Percent Steel</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%			2035	**	5	\$3,000	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%	4+	\$6,800	2031	\$338,200	5	\$13,000	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Spans</i>								
<i>Explanation : 80 Percent Asphalt</i>								
Concrete	100%	4+	\$39,000	2039	**	5	\$56,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Spans</i>								
<i>Explanation : 20 Percent Concrete</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	100%	4+	\$1,700	LIFE	**			
<i>Joints Missing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
Concrete Encased Steel	100%			LIFE	**	5	\$115,900	
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Bottom Of Steel Beams Over FDR</i>								
<i>Explanation : Rusted Steel, 8 Percent Concrete Encased Steel</i>								
Prestressed Concrete Box Beam	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Spans</i>								
<i>Explanation : 20 Percent Prestressed Concrete Box Beams</i>								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : 72 Percent Not Accessible</i>								
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : EAST 6TH ST. PEDESTRIAN BRIDGE FDR DRIVE  
**Address** : EAST 6TH ST OVER FDR DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0334.000 / 15193 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,880 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2232050

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$172,500	\$186,000
<b>Total</b>	<b>\$172,500</b>	<b>\$186,000</b>
Importance Code A	\$172,500	\$186,000
<b>Total</b>	<b>\$172,500</b>	<b>\$186,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$34,300	\$1,200	\$24,600	
<b>Total</b>	<b>\$34,300</b>	<b>\$1,200</b>	<b>\$24,600</b>	
Importance Code A	\$30,500		\$22,300	
Importance Code B			\$2,300	
Importance Code C	\$3,800	\$1,200		
<b>Total</b>	<b>\$34,300</b>	<b>\$1,200</b>	<b>\$24,600</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
EAST 6TH ST. PEDESTRIAN BRIDGE FDR DRIVE**

**Asset # : 15193**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
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		**		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pier Protection								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Approaches								
Pavement								
Concrete	100%			2041		**	4	\$3,700
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Side</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
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  
EAST 6TH ST. PEDESTRIAN BRIDGE FDR DRIVE**

**Asset # : 15193**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$430,000
Pier, Columns								
Steel	100%			LIFE		**	2-8	\$66,900
			<i>Corrosion, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 30 Percent Not Accessible</i>					
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2052		**		
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$20,600
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 40%</i>					
			<i>Location : On Bridge And West Side</i>					
			<i>Explanation : Chain Link Fence</i>					
Wearing Surface								
Concrete	100%	4+	\$3,800	2041		**	5	\$11,300
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Scupper								
Cast Iron	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 2 Scuppers Observed</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 6TH ST. PEDESTRIAN BRIDGE FDR DRIVE**

**Asset # : 15193**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%	Now	\$30,500	LIFE	**	5	\$4,300	
<i>Spalling, Extent : Severe, Area Affected : 2%</i> <i>Location : Northbound FDR Lane</i> <i>Other Observation, Extent : N/A, Area Affected : 40%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : 30 Percent Not Accessible. Covered In Mesh</i>								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%	Now	\$172,500	LIFE	**	2-8	\$53,800	
<i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Damaged Railing, Extent : Severe, Area Affected : 3%</i> <i>Location : Primary Steel Member Over Northbound FDR Lanes</i> <i>Efflorescence, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 30%</i> <i>Location : Throughout</i> <i>Explanation : 30 Percent Not Accessible.</i>								
Secondary Member								
Concrete Encased Steel	100%			2060	**			
<i>Corrosion, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 30%</i> <i>Location : Throughout</i> <i>Explanation : 30 Percent Not Accessible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : EAST 71ST ST. PEDESTRIAN BRIDGE FDR DRIVE  
**Address** : E 71ST STREET OVER FDR DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0335.000 / 15194 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,815 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Dec-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2232120

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$155,000
<b>Total</b>		<b>\$155,000</b>
Importance Code B		\$155,000
<b>Total</b>		<b>\$155,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$800	\$3,500	\$36,400	
<b>Total</b>	<b>\$800</b>	<b>\$3,500</b>	<b>\$36,400</b>	
Importance Code A	\$800		\$6,700	
Importance Code B			\$15,700	
Importance Code C		\$3,500	\$14,100	
<b>Total</b>	<b>\$800</b>	<b>\$3,500</b>	<b>\$36,400</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
EAST 71ST ST. PEDESTRIAN BRIDGE FDR DRIVE**

**Asset # : 15194**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Backwall								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2052		**		
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Masonry Plate On West Abutments</i>					
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%	4+	\$800	LIFE		**		
			<i>Delaminations, Extent : Light, Area Affected : 1%</i>					
			<i>Location : West Abutment</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : West Abutment</i>					
Stem (breastwall)								
Concrete	100%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : On Both Abutments</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Concrete	100%			2041		**	4	\$10,400
Curbs								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
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  
EAST 71ST ST. PEDESTRIAN BRIDGE FDR DRIVE**

**Asset # : 15194**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Steel	100%			LIFE	**			
Scupper Galvanized Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 2 Scuppers Observed</i>								
Piers								
Cap Beam Steel	100%			LIFE	**	2-8	\$53,800	
Pier,Columns Steel	100%			LIFE	**	2-8	\$446,300	
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Piles Not Accessible	100%							
Deck Elements								
Railings/Parapets Steel	100%			LIFE	**	2-8	\$22,700	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Both Sides Of Main Deck Above Traffic</i>								
<i>Explanation : Wire Mesh Fence</i>								
Wearing Surface Concrete	100%			2041	**	5	\$28,100	
Scupper Galvanized Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 6 Scuppers Observed</i>								
Superstructure								
Deck,Structural Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Deck Is Covered With Stay In Place Forms With Light Corrosion In Scattered Areas.</i>								
Joints Steel	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
EAST 71ST ST. PEDESTRIAN BRIDGE FDR DRIVE**

**Asset # : 15194**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	100%			LIFE	* *	2-8	\$65,900	
		<i>Corrosion, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Loss of Section, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Secondary Member								
Steel	100%			LIFE	* *	2-8	\$2,200	
		<i>Corrosion, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$1,419,400
<b>Total</b>		<b>\$1,419,400</b>
Importance Code A		\$120,400
Importance Code C		\$1,299,000
<b>Total</b>		<b>\$1,419,400</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$82,300		\$12,900	\$7,600
<b>Total</b>	<b>\$82,300</b>		<b>\$12,900</b>	<b>\$7,600</b>
Importance Code A	\$6,300		\$12,200	
Importance Code B			\$700	
Importance Code C	\$76,000			\$7,600
<b>Total</b>	<b>\$82,300</b>		<b>\$12,900</b>	<b>\$7,600</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST TREMONT AVENUE BRONX RIVER**  
**Asset # : 14994**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
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		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		**		
Mat (scour & erosion)								
Stream Bed	100%			LIFE		**		
Pier Protection								
Concrete	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	3%	4+	\$14,800	2031	\$37,000	4	\$15,200	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
Asphalt	97%			2031	\$1,197,800	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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Generic	100%			LIFE		**		
Median								
Concrete	100%			LIFE		**	5	\$900
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
Sidewalks								
Concrete	100%	4+	\$2,000	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
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+	\$4,700	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Median								
Concrete	100%			LIFE		**	5	\$1,000
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$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**  
**EAST TREMONT AVENUE BRONX RIVER**  
**Asset # : 14994**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%	4+	\$20,800	2035	**	5	\$2,600	
<i>Cracks, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	1%	4+	\$6,300	2039	**	5	\$32,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	99%			2039	**	5	\$64,200	
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$13,400	
Joints								
Steel	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$224,800	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$11,300	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$641,400
<b>Total</b>		<b>\$641,400</b>
Importance Code A		\$101,700
Importance Code C		\$539,800
<b>Total</b>		<b>\$641,400</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$104,800		\$10,900	
<b>Total</b>	<b>\$104,800</b>		<b>\$10,900</b>	
Importance Code A	\$43,200		\$10,300	
Importance Code B	\$33,600		\$600	
Importance Code C	\$28,000			
<b>Total</b>	<b>\$104,800</b>		<b>\$10,900</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST TREMONT AVENUE HUTCHINSON RIVER PARKWAY**

**Asset # : 14993**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$12,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
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		**		
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Stem (breastwall) Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Masonry: Brownstone	100%			LIFE		**		
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Bank Protection Generic	100%			LIFE		**		
Mat (scour & erosion) Generic	100%			LIFE		**		
<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Approaches								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST TREMONT AVENUE HUTCHINSON RIVER PARKWAY**

**Asset # : 14993**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$8,100	2031	\$406,100	4	\$5,600	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 80%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%			2039	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 75 Percent Masonry</i>								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 25 Percent Steel</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Stem,Solid Pier								
Concrete	1%	4+	\$33,600	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$5,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Railings/Parapets</b>								
Masonry	100%			2039		**	5	\$1,200
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Joint</i>								
<i>, 10 Percent Masonry</i>								
Steel	100%			LIFE		**	2-8	\$2,600
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 90 Percent Steel</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$6,500	2035		**	5	\$2,300
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	100%	4+	\$13,400	2031	\$133,600		5	\$5,100
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	1%	4+	\$24,900	LIFE		**	5	\$11,300
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	99%			LIFE		**	5	\$11,300
<hr/>								
<b>Joints</b>								
Not Accessible	100%							
<hr/>								
<b>Primary Member</b>								
Steel	100%			LIFE		**	2-8	\$189,900
<hr/>								
<b>Secondary Member</b>								
Steel	100%			LIFE		**	2-8	\$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.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK  
**Address** : OVER AMTRAK AT EAST TREMONT AVE / E. 180TH ST.  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0155.000 / 13518 Yr Built/Renovated : 1907 /  
**Area Sq Ft** : 22,300 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 19-Oct-2020 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2241270

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$89,000	\$333,100
<b>Total</b>	<b>\$89,000</b>	<b>\$333,100</b>
Importance Code A		\$220,700
Importance Code B	\$89,000	\$39,300
Importance Code C		\$73,000
<b>Total</b>	<b>\$89,000</b>	<b>\$333,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$75,700	\$300	\$26,300	
<b>Total</b>	<b>\$75,700</b>	<b>\$300</b>	<b>\$26,300</b>	
Importance Code A	\$21,800	\$300	\$22,300	
Importance Code B			\$3,900	
Importance Code C	\$53,900			
<b>Total</b>	<b>\$75,700</b>	<b>\$300</b>	<b>\$26,300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK**  
**Asset # : 13518**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
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)								
Earth	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	10%	4+	\$89,000	LIFE		**		
			<i>Cracks, Extent : Moderate, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 90%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>					
Concrete	90%			LIFE		**		
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		**		
Pier Protection								
Concrete	100%			LIFE		**		
Approaches								
Pavement								
Concrete	100%	4+	\$10,000	2041		**	4	\$11,100
			<i>Cracks, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Both Joint Headers</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Corrosion, Extent : Light, Area Affected : 80%</i>					
			<i>Location : Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK**  
**Asset # : 13518**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Median								
Concrete	100%	4+	\$15,300	LIFE	**	5	\$2,600	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	\$4,000	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$113,200	
Stem,Solid Pier								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 80%</i>								
<i>Location : Random Locations</i>								
Median								
Concrete	75%			LIFE	**	5	\$21,700	
Concrete	25%	4+	\$6,400	LIFE	**	5	\$21,700	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST TREMONT AVENUE BRIDGE EAST TREMONT AVE./AMTRAK**  
**Asset # : 13518**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets Concrete	100%			2041	**	4	\$800	
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Concrete Parapet</i>							
Steel	100%			LIFE	**	2-8	\$4,800	
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Steel Railing</i>							
Sidewalks								
Concrete	100%	4+	\$9,000	2037	**	5	\$5,300	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Wearing Surface								
Concrete	100%	4+	\$30,900	2041	**	5	\$73,000	
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Along Armored Joint Along East And West Abutments</i>							
Superstructure								
Deck, Structural Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$412,300	
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 90%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : ELIOT AVENUE QUEENS BOULEVARD  
**Address** : ELIOT AVE OVER QUEENS BLVD BET 59TH AND 62ND AVENUES, REGO PARK  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0328.000 / 15187 **Yr Built/Renovated** :  
**Area Sq Ft** : 12,866 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 08-Dec-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2248160

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$240,200
<b>Total</b>		<b>\$240,200</b>
Importance Code C		\$240,200
<b>Total</b>		<b>\$240,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$14,500		\$14,800	\$4,800
<b>Total</b>	<b>\$14,500</b>		<b>\$14,800</b>	<b>\$4,800</b>
Importance Code A	\$5,600		\$700	
Importance Code B				
Importance Code C	\$8,900		\$14,100	\$4,800
<b>Total</b>	<b>\$14,500</b>		<b>\$14,800</b>	<b>\$4,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**ELIOT AVENUE QUEENS BOULEVARD**  
**Asset # : 15187**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Backwall								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 90%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Mat Consists Of 10 Percent Generic, 90 Percent Not Accessible.</i>					
Stem (breastwall)								
Concrete Encased Steel	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 90%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Stem Consists Of 10 Percent Concrete Encased Steel, 90 Percent Not Accessible With Stone Facing On Both Abutments.</i>					
Wingwalls								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Wingwalls Are Concrete With Stone Facing</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	100%	4+	\$3,400	2033	\$172,100	4	\$4,900	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Both Approaches</i>					
			<i>Settlement, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both Approaches</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Piers								
Pier,Columns								
Concrete Encased Steel	100%			LIFE		**	5	\$3,500
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Efflorescence. Pier, Columns Consist Of 10 Percent Concrete Encased Steel, 90 Percent Not Accessible With Stone Facing At Pier Ends.</i>					
Stem,Solid Pier								
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**  
**ELIOT AVENUE QUEENS BOULEVARD**  
**Asset # : 15187**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Mat (scour & erosion) Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Mat Consists Of 10 Percent Generic, 90 Percent Not Accessible.</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	10%	4+	\$5,600	2052		**		
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	90%			2052		**		
Guide Railing								
Concrete	100%			2045		**		
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : North Side Only</i>								
<i>Explanation : 1 Guide Railing</i>								
Railings/Parapets								
Masonry	100%			2041		**	5	\$1,400
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Joint/ Mortar Missing</i>								
Sidewalks								
Concrete	100%			2037		**	5	\$9,700
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	92%			2033	\$62,600		5	\$10,800
Asphalt	8%	4+	\$5,400	2033	\$5,400		5	\$5,400
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	100%			2041		**	5	\$28,200
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 22-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2269600

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$364,700	\$364,700
<b>Total</b>	<b>\$364,700</b>	<b>\$364,700</b>
Importance Code A	\$364,700	\$364,700
<b>Total</b>	<b>\$364,700</b>	<b>\$364,700</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$188,900		\$48,600	\$21,000
<b>Total</b>	<b>\$188,900</b>		<b>\$48,600</b>	<b>\$21,000</b>
Importance Code A	\$138,000		\$36,800	
Importance Code B	\$50,800		\$2,200	
Importance Code C			\$9,700	\$21,000
<b>Total</b>	<b>\$188,900</b>		<b>\$48,600</b>	<b>\$21,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ERSKINE STREET BELT PARKWAY**  
**Asset # : 14961**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Backwall								
Concrete	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Abutments</i>								
<i>Other Observation, Extent : N/A, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2053		**		
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$24,900	LIFE		**		
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 20%</i>								
<i>Location : South Abutment</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : South Abutment</i>								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Stem (breastwall)								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ERSKINE STREET BELT PARKWAY**  
**Asset # : 14961**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Paving Underneath</i>								
Approaches								
Pavement								
Concrete	100%			2042		**	4	\$19,300
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Longitudinal Cracks On Both Approaches</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout On West Side</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	\$4,000	2042		**	4	\$1,700
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Northeast Barrier</i>								
Steel	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet On West And Concrete Barrier On East Side</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout On West Side</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ERSKINE STREET BELT PARKWAY**  
**Asset # : 14961**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Railings/Parapets								
Concrete	100%			2042	**	4		
Steel	100%			LIFE	**	2-8	\$8,600	
	<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Chain Link Fence On Top Of Concrete Parapet On West And Concrete Barrier On East Side</i>							
<hr/>								
Sidewalks								
Concrete	100%			2038	**	5	\$1,500	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
<hr/>								
Wearing Surface								
Concrete	100%			2042	**	5	\$42,000	
<hr/>								
<b>Superstructure</b>								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$18,100	
	<i>Other Observation, Extent : N/A, Area Affected : 95%</i>							
	<i>Location : Throughout Except At Deck Overhangs</i>							
	<i>Explanation : Covered By Stay In Place Forms</i>							
<hr/>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,167,600	
	<i>Corrosion, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout Bottom Flange</i>							
<hr/>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$60,100	
	<i>Rust Stains, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : FARMERS BOULEVARD BELT SYSTEM-SOUTHERN PKWY  
**Address** : FARMERS BLVD OVER BELT PARKWAY BET N. CONDUIT & S. CONDUIT AVES  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0355.000 / 15369 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,298 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Jul-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231620

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$120,600	
<b>Total</b>	<b>\$120,600</b>	
Importance Code B	\$120,600	
<b>Total</b>	<b>\$120,600</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$17,200			
<b>Total</b>	<b>\$17,200</b>			
Importance Code A	\$3,300			
Importance Code C	\$13,900			
<b>Total</b>	<b>\$17,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**FARMERS BOULEVARD BELT SYSTEM-SOUTHERN PKWY**

**Asset # : 15369**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Stem (breastwall)								
Concrete	100%	4+	\$69,900	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : On Both Abutments</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : North Abutment</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE			**	
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations</i>					
			<i>Explanation : Cracks</i>					
<b>Approaches</b>								
Pavement								
Concrete	100%	4+	\$7,300	2041			**	4
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Both Approaches</i>					
Curbs								
Concrete w/ Steel Face	100%	4+	\$3,300	LIFE			**	
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Northeast Approach</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
Not Accessible	100%							
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**  
**FARMERS BOULEVARD BELT SYSTEM-SOUTHERN PKWY**

**Asset # : 15369**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Railings/Parapets								
Masonry	100%			2041		**		
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Joint Mortar Missing/ Eroded</i>						
Steel	100%			LIFE		**		
		<i>Corrosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Chain Link Fence Behind Steel Railing</i>						
<b>Sidewalks</b>								
Concrete	100%			LIFE		**		
		<i>Cracks, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : On Both Approaches</i>						
		<i>Settlement, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Northeast And Southeast Approach</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>						
		<i>Location : On All Sides</i>						
<b>Piers</b>								
Stem,Solid Pier								
Concrete	100%	Now	\$50,700	LIFE		**		
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : North Face Of Pier</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : North Face Of Pier</i>						
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Random Locations Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FARMERS BOULEVARD BELT SYSTEM-SOUTHERN PKWY**

**Asset # : 15369**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Railings/Parapets Masonry	100%			2041	**	5		
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Joint Mortar Missing/ Eroded</i>							
Steel	100%			LIFE	**	2-8		
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Chain Link Fence Behind Steel Railing</i>							
<b>Sidewalks</b>								
Concrete	100%	4+	\$2,500	2037	**	5		
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Near Curb Edges On Random Locations</i>							
<b>Wearing Surface</b>								
Concrete	100%	4+	\$4,000	2041	**	5		
	<i>Cracks, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Superstructure</b>								
Deck, Structural Not Accessible	100%							
Primary Member Concrete	100%			LIFE	**	5		
	<i>Efflorescence, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Covered With Steel Mesh</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : FDR DRIVE NB RAMP TO HOUSTON ST RELIEF  
**Address** : FDR DRIVE & HOUSTON ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0359.100 / 15381 **Yr Built/Renovated** :  
**Area Sq Ft** : 7,425 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 223204A

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$3,600		\$5,200	\$18,200
<b>Total</b>	<b>\$3,600</b>		<b>\$5,200</b>	<b>\$18,200</b>
Importance Code A	\$3,600		\$4,100	
Importance Code C			\$1,100	\$18,200
<b>Total</b>	<b>\$3,600</b>		<b>\$5,200</b>	<b>\$18,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**FDR DRIVE NB RAMP TO HOUSTON ST RELIEF**

**Asset # : 15381**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
		<i>Other Observation, Extent : N/A, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Wingwalls Only At South Abutment</i>						
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 50 Percent Wingwall Is Not Accessible</i>						
Feature Crossed								
Mat (scour & erosion)								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%			2034	**	4	\$2,200	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Approach Only At South Side</i>						
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2042	**	4	\$1,700	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout On East Side</i>						
Mat (scour & erosion)								
Not Accessible	100%							
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  
FDR DRIVE NB RAMP TO HOUSTON ST RELIEF**

**Asset # : 15381**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Concrete	100%			2042	**	4	\$1,900	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Stem,Solid Pier Concrete	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 75 Percent Of Stem Is Not Accessible</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing Concrete	100%			2046	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2042	**	4	\$4,200	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$9,400	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On East Side Only</i>								
<i>Explanation : Chain Link Fencing Attached To Steel Railing</i>								
Sidewalks								
Concrete	100%			2038	**	5	\$4,100	
Wearing Surface								
Concrete	100%			2042	**	5	\$36,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$144,600	\$394,500
<b>Total</b>	<b>\$144,600</b>	<b>\$394,500</b>
Importance Code A	\$84,100	
Importance Code C	\$60,500	\$394,500
<b>Total</b>	<b>\$144,600</b>	<b>\$394,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$27,500			\$300
<b>Total</b>	<b>\$27,500</b>			<b>\$300</b>
Importance Code A	\$3,400			
Importance Code C	\$24,100			\$300
<b>Total</b>	<b>\$27,500</b>			<b>\$300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FDR NB E 42ND TO E 49TH STREET EAST RIVER SHORELINE**

**Asset # : 14976**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Asphalt	13%	4+	\$7,100	2031	\$7,100	4	\$700	
	<i>Cracks, Extent : Light, Area Affected : 8%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Asphalt	87%			2031	\$47,800	4	\$700	
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Rust</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Embankment								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 35 Percent Cast Iron</i>							
Concrete	100%	4+	\$3,400	2039		**	4	\$1,300
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 65 Percent Concrete</i>							
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Rust</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 35 Percent Cast Iron</i>								
Concrete	100%	4+	\$84,100	2039	**	4	\$32,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 65 Percent Concrete</i>								
<b>Wearing Surface</b>								
Asphalt	100%	4+	\$17,000	2031	\$339,500	5	\$11,600	
<i>Cracks, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Near Curb Side</i>								
<i>Explanation : 24 Scuppers Observed</i>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
<b>Joints</b>								
Steel	100%	4+	\$60,500	LIFE		**		
<i>Joints Missing, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Near Concrete Header</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Near Concrete Header</i>								
<b>Primary Member</b>								
Not Accessible	100%							
<b>Secondary Member</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 10-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 223201A

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$3,366,900
<b>Total</b>		<b>\$3,366,900</b>
Importance Code A		\$1,502,500
Importance Code B		\$1,169,900
Importance Code C		\$694,500
<b>Total</b>		<b>\$3,366,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$3,700		\$268,000	\$16,400
<b>Total</b>	<b>\$3,700</b>		<b>\$268,000</b>	<b>\$16,400</b>
Importance Code A	\$2,500		\$150,700	
Importance Code B			\$117,300	
Importance Code C	\$1,200			\$16,400
<b>Total</b>	<b>\$3,700</b>		<b>\$268,000</b>	<b>\$16,400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**FDR NB RAMP/SOUTH ST**  
**Asset # : 4323**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Backwall Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads Elastomeric	100%			2051		**		
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
Mat (scour & erosion) Generic	100%			LIFE		**		
Stem (breastwall) Granite	100%			LIFE		**		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Granite	100%			LIFE		**		
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		**		
Approaches								
Pavement Asphalt	100%			2032	\$200,800	4	\$3,600	
Pavement Base Not Accessible	100%							
Railings/Parapets Concrete	100%			2040		**	4	
Piers								
Cap Beam Steel	100%			LIFE		**	2-8	\$1,135,000
Pier,Columns Steel	100%			LIFE		**	2-8	\$455,900
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FDR NB RAMP/SOUTH ST**  
**Asset # : 4323**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Pedestals								
Concrete	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2040	**	4	\$7,400	
Wearing Surface								
Asphalt	100%			2032	\$493,800	5	\$32,900	
Scupper								
Cast Iron	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout Deck</i>						
		<i>Explanation : 21 Scuppers</i>						
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$31,700	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Stay In Place Forms Under Deck</i>						
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : FDR SB RAMP/SOUTH ST  
**Address** : DOVER AND SOUTH STREETS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0027.0B0 / 4324 **Yr Built/Renovated** : 1954 /  
**Area Sq Ft** : 44,600 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 10-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 223201B

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$1,861,100
<b>Total</b>		<b>\$1,861,100</b>
Importance Code A		\$857,100
Importance Code B		\$560,200
Importance Code C		\$443,800
<b>Total</b>		<b>\$1,861,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$8,200		\$143,000	\$9,700
<b>Total</b>	<b>\$8,200</b>		<b>\$143,000</b>	<b>\$9,700</b>
Importance Code A	\$7,000		\$86,800	
Importance Code B			\$56,200	
Importance Code C	\$1,200			\$9,700
<b>Total</b>	<b>\$8,200</b>		<b>\$143,000</b>	<b>\$9,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FDR SB RAMP/SOUTH ST**  
**Asset # : 4324**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE			**	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Backwall Concrete	100%			LIFE			**	
Brngs,Ancr Blts,Pads Elastomeric	4%	4+	\$7,000	2051			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Abutment Bearings</i>								
<i>Explanation : Broken Keeper Bar Welds</i>								
Elastomeric	96%			2051			**	
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Stem (breastwall)								
Granite	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recent Repair Evident</i>								
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	100%			2032	\$181,400	4	\$3,600	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040		**	4	
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**  
**FDR SB RAMP/SOUTH ST**  
**Asset # : 4324**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Cap Beam Steel	100%			LIFE	**	2-8	\$961,100	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Pier,Columns Steel	100%			LIFE	**	2-8	\$342,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recent Repair Evident</i>								
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$5,000	
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Pedestals Steel	100%			LIFE	**			
Piles Not Accessible	100%							
<b>Deck Elements</b>								
Railings/Parapets Concrete	100%			2040	**	4		
Granite	100%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$17,000	
Wearing Surface Asphalt	100%			2032	\$262,400	5	\$19,300	
Scupper Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout Deck</i>								
<i>Explanation : 3 Scuppers</i>								
<b>Superstructure</b>								
Deck,Structural Concrete	100%			LIFE	**	5	\$19,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recent Repair Evident</i>								
Joints Generic	100%			LIFE	**			
Primary Member Steel	100%			LIFE	**	2-8	\$824,500	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Secondary Member Steel	100%			LIFE	**	2-8	\$690,700	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
FDR SB RAMP/SOUTH ST  
Asset # : 4324**

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 24-Jan-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2233038

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$1,058,700	\$3,058,000
<b>Total</b>	<b>\$1,058,700</b>	<b>\$3,058,000</b>
Importance Code A	\$1,058,700	\$1,387,900
Importance Code B		\$1,387,900
Importance Code C		\$282,200
<b>Total</b>	<b>\$1,058,700</b>	<b>\$3,058,000</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$33,900	\$29,400	\$278,400	
<b>Total</b>	<b>\$33,900</b>	<b>\$29,400</b>	<b>\$278,400</b>	
Importance Code A			\$139,200	
Importance Code B	\$5,600		\$139,200	
Importance Code C	\$28,200	\$29,400		
<b>Total</b>	<b>\$33,900</b>	<b>\$29,400</b>	<b>\$278,400</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET**  
**Asset # : 4208**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
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									
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		**			
Feature Crossed									
Mat (scour & erosion)									
Generic	100%			LIFE		**			
Approaches									
Pavement									
Asphalt	100%	4+	\$28,200	2032	\$282,200	4	\$4,300		
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
			<i>Location : Throughout</i>						
Concrete	100%			2040	**	4			
Embankment									
Not Accessible	100%								
Mat (scour & erosion)									
Not Accessible	100%								
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Concrete	100%			2040	**	4			
Piers									
Cap Beam									
Concrete	100%			LIFE	**				
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**  
**FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET**  
**Asset # : 4208**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier,Columns								
Concrete	100%			LIFE	**			
Concrete Encased Steel	100%			LIFE	**	5		
Stem,Solid Pier								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : At East Face Of Pier 33</i>						
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%							
<b>Deck Elements</b>								
Railings/Parapets								
Concrete	100%	4+	\$50,700	2040	**	4	\$9,700	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : At Joints Along Fascia</i>						
Wearing Surface								
Concrete	100%			2040	**	5	\$58,900	
Scupper								
Cast Iron	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 10 Scuppers</i>						
<b>Superstructure</b>								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$15,800	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Stay In Place Forms Under Deck</i>						
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	10%	4+	\$1,008,000	LIFE	**	2-8	\$1,296,200	
		<i>Corrosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Steel	90%			LIFE	**	2-8	\$1,296,200	
Secondary Member								
Steel	10%	4+	\$5,600	LIFE	**	2-8	\$1,085,800	
		<i>Corrosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Steel	90%			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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FDR SB VIADUCT (62ND ST) BRIDGE FDR DR/62ND STREET**  
**Asset # : 4208**

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 15-Dec-2020 Landmark Status : NONE  
Areas Surveyed :  
Block : Lot : BIN : 2246570

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$7,571,900
<b>Total</b>		<b>\$7,571,900</b>
Importance Code A		\$474,300
Importance Code C		\$7,097,600
<b>Total</b>		<b>\$7,571,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$68,700	\$34,800	\$1,200	\$41,300
<b>Total</b>	<b>\$68,700</b>	<b>\$34,800</b>	<b>\$1,200</b>	<b>\$41,300</b>
Importance Code A	\$20,000	\$10,700	\$1,200	
Importance Code C	\$48,700	\$24,200		\$41,300
<b>Total</b>	<b>\$68,700</b>	<b>\$34,800</b>	<b>\$1,200</b>	<b>\$41,300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL**

**Asset # : 2513**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE	**			
Tile	100%			LIFE	**			
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	96%			2033	\$5,843,700	4	\$72,500	
Asphalt	4%	2-4	\$48,700	2033	\$243,500	4	\$48,300	
			<i>Cracks, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Settlement, Extent : Light, Area Affected : 50%</i>					
			<i>Location : East Approach</i>					
			<i>Spalling, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Granite	100%			LIFE	**			
Embankment								
Not Accessible	100%							
Guide Railing								
Steel	100%			LIFE	**	2-8	\$5,800	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Stainless Steel Bollard</i>					
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Cobblestone	100%			LIFE		**		
<i>Broken, Missing Pave, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout East Approach</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : East Approach</i> <i>Explanation : Consists Of 50 Percent Concrete, 20 Percent Cobblestone And 30 Percent Concrete.</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : 1 Scupper Observed.</i>								
Piers								
Stem, Solid Pier								
Concrete	100%			LIFE		**		
Tile	100%			LIFE		**		
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Granite	100%			LIFE		**		
Guide Railing								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Stainless Steel Bollard</i>								
Median								
Concrete	100%			LIFE		**	5	\$15,600
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
Granite	100%	4+	\$20,000	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : North Side</i> <i>Explanation : Granite Pavers With Presence Of Vegetation Growth</i>								
Railings/Parapets								
Concrete	100%			2041		**	4	\$32,000
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE		**	2-8	\$29,300
<i>Corrosion, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FIRST AVE. TUNNEL UNITED NATIONS PL/FIRST AVE TUNL**

**Asset # : 2513**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2037	**	5	\$82,600	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%			2033	\$1,010,400	5	\$61,000	
Superstructure								
Deck, Structural								
Not Accessible	100%							
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 18-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231460

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$135,000	\$456,200
<b>Total</b>	<b>\$135,000</b>	<b>\$456,200</b>
Importance Code A		\$139,100
Importance Code B	\$135,000	\$139,100
Importance Code C		\$177,900
<b>Total</b>	<b>\$135,000</b>	<b>\$456,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$69,200		\$28,600	
<b>Total</b>	<b>\$69,200</b>		<b>\$28,600</b>	
Importance Code A	\$36,200		\$14,700	
Importance Code B			\$14,000	
Importance Code C	\$33,000			
<b>Total</b>	<b>\$69,200</b>		<b>\$28,600</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLATBUSH AVE. BRIDGE**  
**Asset # : 13669**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Northeast Corner</i>						
		<i>Explanation : Vegetation Growth</i>						
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Elastomeric	100%			2051		**		
Footings Not Accessible	100%							
Joint with Deck Generic	100%	2-4	\$135,000	LIFE		**		
		<i>Missing/Damaged Seal, Extent : Light, Area Affected : 75%</i>						
		<i>Location : Throughout</i>						
Mat (scour & erosion) Generic	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Asphalt Roadway</i>						
Pedestals Concrete	100%			LIFE		**		
Stem (breastwall) Concrete	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Water Stains</i>						
Granite	100%			LIFE		**		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		**		
		<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Granite	100%			LIFE		**		
		<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : All Wingwalls</i>						
		<i>Explanation : Stone Facing On Concrete Wingwalls</i>						

## Feature Crossed

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLATBUSH AVE. BRIDGE**  
**Asset # : 13669**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Roadway</i>							
Pier Protection								
Concrete	100%			LIFE		**		
	<i>Spalling, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Cracks</i>							
Approaches								
Pavement								
Asphalt	70%			2032	\$124,500	4	\$5,100	
Asphalt	30%	2-4	\$10,700	2032	\$53,400	4	\$3,400	
	<i>Cracks, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Northeast Side Of The Approach Around Con Edison Manhole</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : North Approach Slab</i>							
	<i>Explanation : Deterioration</i>							
Concrete	100%			2040		**	\$24,900	
Curbs								
Concrete	100%	2-4	\$17,100	LIFE		**		
	<i>Loss of Section, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Random Locations Throughout</i>							
Concrete w/ Steel Face	100%			LIFE		**		
	<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Embankment								
Earth	100%			LIFE		**		
Guide Railing								
Steel	90%			LIFE		**	\$5,800	2-8
Steel	10%	Now	\$5,100	LIFE		**	\$5,800	2-8
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Southwest Corner</i>							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Median								
Concrete	100%			LIFE		**		5
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
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**  
**FLATBUSH AVE. BRIDGE**  
**Asset # : 13669**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Sidewalks</b>								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : All Approach Sidewalks</i>								
<hr/>								
<b>Piers</b>								
<b>Stem,Solid Pier</b>								
Concrete	100%			LIFE		**		
Masonry	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Ends Of Pier Wall</i>								
<i>Explanation : Stone Veneer Full Height Of Pier</i>								
<hr/>								
<b>Brngs,Ancr Blts,Pads</b>								
Elastomeric	100%			2051		**		
<hr/>								
<b>Footings</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Roadway</i>								
<hr/>								
<b>Pedestals</b>								
Concrete	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Median</b>								
Concrete	100%			LIFE		**	5	\$1,600
<hr/>								
<b>Mono Deck Surface</b>								
Concrete	100%	4+	\$6,700	2051		**	5	\$36,600
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Crack In Deck Over The Pier</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLATBUSH AVE. BRIDGE**  
**Asset # : 13669**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Railings/Parapets								
Concrete	95%			2040	**	4	\$12,800	
Concrete	5%	4+	\$3,500	2040	**	4	\$8,500	
<i>Cracks, Extent : Light, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$11,700	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Vegetation Growth</i>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$5,700	2036	**	5	\$2,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Superstructure</b>								
Deck, Structural								
Concrete	95%			LIFE	**	5	\$15,500	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : On Stay In Place Forms</i>								
Concrete	5%	4+	\$6,200	LIFE	**	5	\$15,500	
<i>Cracks, Extent : Light, Area Affected : 50%</i>								
<i>Location : Corrosion To Stay In Place Forms In Southeast Bay</i>								
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8	\$259,900	
<i>Rust Stains, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Secondary Member</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : FLATBUSH AVENUE FRANKLIN SHUTTLE  
**Address** : FLATBUSH AVE AND EMPIRE BLVD  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0307.000 / 15065 **Yr Built/Renovated** :  
**Area Sq Ft** : 13,168 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 27-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243260

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$415,300
<b>Total</b>		<b>\$415,300</b>
Importance Code C		\$415,300
<b>Total</b>		<b>\$415,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$24,900		\$1,600	
<b>Total</b>	<b>\$24,900</b>		<b>\$1,600</b>	
Importance Code A	\$1,400		\$100	
Importance Code C	\$23,400		\$1,500	
<b>Total</b>	<b>\$24,900</b>		<b>\$1,600</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLATBUSH AVENUE FRANKLIN SHUTTLE**  
**Asset # : 15065**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Covered By Asphalt Wearing Surface</i>						
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Asphalt	100%	0-2	\$18,100	2032	\$362,100	4	\$4,200	
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Moderate, Area Affected : 80%</i>						
		<i>Location : Throughout</i>						
Embankment								
Earth	100%			LIFE		**		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLATBUSH AVENUE FRANKLIN SHUTTLE**  
**Asset # : 15065**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$2,300	
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Top Of Concrete Parapet</i>								
<i>Explanation : Chain Link Fence</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
Median								
Concrete	100%			LIFE	**	5	\$500	
Railings/Parapets								
Concrete	100%			2040	**	4	\$2,000	
Steel	100%			LIFE	**	2-8	\$1,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Top Of Concrete Parapet</i>								
<i>Explanation : Chain Link Fence</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLATBUSH AVENUE FRANKLIN SHUTTLE**  
**Asset # : 15065**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2036	**	5	\$3,100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%	0-2	\$5,300	2032	\$53,300	5	\$1,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : FLATBUSH AVENUE LIRR BAY RIDGE  
**Address** : FLATBUSH AVENUE AND E32ND STREET  
**Borough** : BROOKLYN:QNS. **Agency's Number** : N/A  
**Program / Asset #** : DOT0309.000 / 15067 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,712 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 23-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243510

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$501,800
<b>Total</b>		<b>\$501,800</b>
Importance Code C		\$501,800
<b>Total</b>		<b>\$501,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$54,300			\$2,900
<b>Total</b>	<b>\$54,300</b>			<b>\$2,900</b>
Importance Code C	\$54,300			\$2,900
<b>Total</b>	<b>\$54,300</b>			<b>\$2,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLATBUSH AVENUE LIRR BAY RIDGE**  
**Asset # : 15067**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Covered By Asphalt Wearing Surface</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	6%	4+	\$46,000	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Southeast Wingwall</i>					
Concrete	94%			LIFE			**	
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Asphalt	100%			2032	\$422,600	4	\$8,500	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLATBUSH AVENUE LIRR BAY RIDGE**  
**Asset # : 15067**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2051		**		
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$5,500	2036		**	5	\$1,900
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%			2032	\$79,200		5	\$5,800
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLATBUSH AVENUE LIRR BAY RIDGE**  
**Asset # : 15067**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Superstructure								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 05-Nov-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 205580A

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$64,600	
<b>Total</b>	<b>\$64,600</b>	
Importance Code C	\$64,600	
<b>Total</b>	<b>\$64,600</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$26,200	\$5,400	\$200	\$1,900
<b>Total</b>	<b>\$26,200</b>	<b>\$5,400</b>	<b>\$200</b>	<b>\$1,900</b>
Importance Code A		\$5,400	\$200	
Importance Code B	\$8,500			
Importance Code C	\$17,700			\$1,900
<b>Total</b>	<b>\$26,200</b>	<b>\$5,400</b>	<b>\$200</b>	<b>\$1,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND**

**Asset # : 2561**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$8,500	LIFE			**	
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Both Abutments</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location :</i>					
			<i>Explanation : Stem Wall Is Located Behind Enclosure Wall With Locked Door At West Side Abutment</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Concrete	100%	4+	\$5,500	2041		**	4	\$10,300
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete	100%			LIFE		**		
Embankment								
Generic	100%			LIFE		**		
Guide Railing								
Concrete	100%			2041		**	4	\$4,300
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Concrete Barrier</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE N.BLVD WB TO VWE SB/VACANT LAND**

**Asset # : 2561**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : East Side</i>								
<i>Explanation : Steel Fence</i>								
Sidewalks								
Concrete	100%			LIFE		**		
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	100%			2045		**		
Mono Deck Surface								
Concrete	100%	0-2	\$12,200	2052		**	5	\$21,100
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2041		**	4	\$11,800
Steel	100%			LIFE		**	2-8	\$6,400
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Fence</i>								
Sidewalks								
Concrete	100%			2037		**	5	\$3,800
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : 1 Scupper Observed.</i>								

**Superstructure**

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**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
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Generic	100%	Now	\$64,600	LIFE				* *
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Broken/ Missing Steel Plates</i>					
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : FORDHAM PLAZA METRO NORTH RAILROAD  
**Address** : E 189TH ST, PARK AVE.  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0057.000 / 2482 **Yr Built/Renovated** : 1889 /  
**Area Sq Ft** : 40,080 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Oct-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241839

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$50,600	\$525,700
<b>Total</b>	<b>\$50,600</b>	<b>\$525,700</b>
Importance Code A		\$455,500
Importance Code C	\$50,600	\$70,200
<b>Total</b>	<b>\$50,600</b>	<b>\$525,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$8,400	\$32,600	\$39,900	
<b>Total</b>	<b>\$8,400</b>	<b>\$32,600</b>	<b>\$39,900</b>	
Importance Code A	\$2,700		\$39,900	
Importance Code C	\$5,700	\$32,600		
<b>Total</b>	<b>\$8,400</b>	<b>\$32,600</b>	<b>\$39,900</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FORDHAM PLAZA METRO NORTH RAILROAD**  
**Asset # : 2482**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	2%	4+	\$2,700	LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Throughout</i>							
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		**		
	<i>Other Observation, Extent : N/A, Area Affected : 50%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman. Concrete 25 Percent Of Stem.</i>							
Masonry	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 50%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman. Masonry 75 Percent Of Stem.</i>							
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%			2041		**	4	\$97,900
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Consists Of 10 Percent Concrete And 90 Percent Concrete Pavers</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
FORDHAM PLAZA METRO NORTH RAILROAD**

**Asset # : 2482**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Granite	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Joints</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE		**	5	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : North Side</i>								
<i>Explanation : Only One Side Of Bridge Has Railing</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Granite	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Joints</i>								
Median								
Concrete	100%			LIFE		**	5	\$5,400
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2041		**	4	
Steel	100%			LIFE		**	2-8	\$2,500
Sidewalks								
Concrete	100%	4+	\$5,700	2037		**	5	\$2,000
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$50,600	2041		**	5	\$70,200
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
FORDHAM PLAZA METRO NORTH RAILROAD**

**Asset # : 2482**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%			LIFE	**	5	\$58,800	
<i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations On Stay In Place Forms</i> <i>Other Observation, Extent : N/A, Area Affected : 50%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Not Accessible And Covered With Stay In Place Forms For Inspection.</i> <i>Requires Railroad Flagman.</i>								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$740,900	
<i>Other Observation, Extent : N/A, Area Affected : 50%</i> <i>Location : South Side Of Bridge</i> <i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8		
<i>Other Observation, Extent : N/A, Area Affected : 50%</i> <i>Location : South Side Of Bridge</i> <i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : FORT HAMILTON BRIDGE  
**Address** : FORT HAMILTON PARKWAY  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0162.000 / 13570 **Yr Built/Renovated** : 1984 /  
**Area Sq Ft** : 14,800 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 04-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243620

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$115,100		\$5,300	
<b>Total</b>	<b>\$115,100</b>		<b>\$5,300</b>	
Importance Code A	\$9,700		\$5,300	
Importance Code B	\$43,900			
Importance Code C	\$61,500			
<b>Total</b>	<b>\$115,100</b>		<b>\$5,300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**FORT HAMILTON BRIDGE**  
**Asset # : 13570**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	Now	\$43,900	LIFE			**	
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 5%</i>								
<i>Location : South Approach</i>								
Mat (scour & erosion) Earth	100%			LIFE			**	
Stem (breastwall) Concrete	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE			**	
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Railway Track Under The Bridge</i>								
Approaches								
Pavement Concrete	100%	4+	\$9,100	2042		**	4	\$12,800
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FORT HAMILTON BRIDGE**  
**Asset # : 13570**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	0-2	\$6,800	LIFE		**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Northwest Corner At Scupper</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	\$3,000	2042		**	4	\$1,100
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Parapet On Southeast Side</i>								
Sidewalks								
Concrete	75%			LIFE		**		
Concrete	25%	4+	\$12,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Northwest Corner</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total Of 4 Scuppers</i>								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FORT HAMILTON BRIDGE**  
**Asset # : 13570**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Mono Deck Surface								
Concrete	100%	0-2	\$16,000	2053		**	5	\$21,000
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Longitudinal Cracks On Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout With Severe Cases Near Both Abutment Joints</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southbound Lane In Front Of Train Station</i>								
<i>Explanation : Asphalt Patches In 2 Percent Area On Random Locations. Scaling</i>								
Railings/Parapets								
Concrete	100%			2042		**	4	\$10,500
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$24,100	2038		**	5	\$7,100
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Adjacent To Joint Header</i>								
Superstructure								
Joints								
Generic	100%			LIFE		**		
Primary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : FRANCIS LEWIS BOULEVARD BELT SYSTEM - CROSS ISLAND  
**Address** : FRANCIS LEWIS BLVD BTWN BROOKVILLE BLVD & LAURELTON PKWY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0381.000 / 15401 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,874 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 08-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231930

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$635,900	\$65,900
<b>Total</b>	<b>\$635,900</b>	<b>\$65,900</b>
Importance Code A	\$562,100	\$65,900
Importance Code B	\$73,800	
<b>Total</b>	<b>\$635,900</b>	<b>\$65,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$60,000		\$3,300	
<b>Total</b>	<b>\$60,000</b>		<b>\$3,300</b>	
Importance Code A	\$10,400		\$300	
Importance Code B	\$43,000			
Importance Code C	\$6,600		\$3,100	
<b>Total</b>	<b>\$60,000</b>		<b>\$3,300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FRANCIS LEWIS BOULEVARD BELT SYSTEM - CROSS ISLAND**

**Asset # : 15401**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Stem (breastwall)								
Concrete	100%	4+	\$73,800	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : South Abutment</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Vegetation Growth</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Joint Mortar Missing/ Eroded</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Asphalt Paved Underneath</i>					
Pier Protection								
Concrete	100%			LIFE			**	
Approaches								
Pavement								
Asphalt	100%			2034			**	4      \$6,200
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
			<i>Rust Stains, Extent : Moderate, Area Affected : 60%</i>					
			<i>Location : Both Approaches</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Northeast Corner</i>					
Embankment								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FRANCIS LEWIS BOULEVARD BELT SYSTEM - CROSS ISLAND**

**Asset # : 15401**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%	4+	\$2,000	2042				**
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Joint Mortar Missing/ Eroded</i>					
Steel	100%			LIFE				**
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Chain Link Fence On Top Of Parapet</i>					
Sidewalks								
Concrete	100%	4+	\$3,700	LIFE				**
			<i>Cracks, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Northeast Corner</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : East Side</i>					
			<i>Explanation : Sidewalk Only On One Side</i>					
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$43,000	LIFE				**
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 10%</i>					
			<i>Location : At East And West End.</i>					
			<i>Explanation : Limited Access On 60 Percent Area. Masonry Granite Facing At Ends.</i>					
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**  
**FRANCIS LEWIS BOULEVARD BELT SYSTEM - CROSS ISLAND**

**Asset # : 15401**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	100%	0-2	\$55,800	2053	**			
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations On West Side</i>								
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Random Locations On West Side</i>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout On East Side</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On East Side</i>								
<b>Railings/Parapets</b>								
Masonry	100%	4+	\$3,800	2042	**	5	\$1,700	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Joint Mortar Missing/ Eroded</i>								
Steel	100%			LIFE	**	2-8	\$12,000	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Parapet</i>								
<b>Sidewalks</b>								
Concrete	100%			2038	**	5	\$4,200	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations On East Side</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On East Side</i>								
<b>Wearing Surface</b>								
Asphalt	100%	4+	\$2,900	2034	**	5	\$4,600	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations With Severe Cases Near Both Approaches</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On West Side</i>								
<i>Explanation : Total Of 2 Scuppers</i>								
<b>Superstructure</b>								
Deck, Structural	100%							
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**  
**FRANCIS LEWIS BOULEVARD BELT SYSTEM - CROSS ISLAND**

**Asset # : 15401**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure Primary Member Concrete	100%	4+	\$506,400	LIFE	**	5	\$65,900	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : GRAND AVENUE 495I - LONG ISLAND EXPRESSWAY  
 Address : GRAND AVE. BETWEEN BORDEN AVE. AND QUEENS MIDTOWN EXPRESSWAY  
 Borough : QUEENS Agency's Number : N/A  
 Program / Asset # : DOT0277.000 / 15031 Yr Built/Renovated :  
 Area Sq Ft : 12,376 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 15-Nov-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2065940

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$601,400
<b>Total</b>		<b>\$601,400</b>
Importance Code C		\$601,400
<b>Total</b>		<b>\$601,400</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$9,900	\$26,600	\$3,700	
<b>Total</b>	<b>\$9,900</b>	<b>\$26,600</b>	<b>\$3,700</b>	
Importance Code A	\$4,000		\$400	
Importance Code C	\$6,000	\$26,600	\$3,300	
<b>Total</b>	<b>\$9,900</b>	<b>\$26,600</b>	<b>\$3,700</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND AVENUE 495I - LONG ISLAND EXPRESSWAY**

**Asset # : 15031**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pier Protection								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Barrier</i>								
<b>Approaches</b>								
Pavement								
Asphalt	100%			2032	\$601,400	4	\$10,900	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Granite	100%	Now	\$3,400	LIFE		**		
<i>Settlement, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Southwest Quadrant</i>								
Embankment								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND AVENUE 495I - LONG ISLAND EXPRESSWAY**

**Asset # : 15031**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Steel	100%			LIFE	**	2-8	\$4,600	
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$1,800	
Steel	100%			LIFE	**			
		<i>Corrosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Sidewalks								
Concrete	100%	4+	\$2,400	LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Scupper								
Cast Iron	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Southwest Approach Only</i>						
		<i>Explanation : 2 Scuppers</i>						
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Granite	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Concrete Repairs</i>						
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$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**  
**GRAND AVENUE 495I - LONG ISLAND EXPRESSWAY**

**Asset # : 15031**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%			2036	**	5	\$6,600	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$53,100	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : GRAND CONCOURSE BEDFORD PARK BOULEVARD  
**Address** : GRAND CONCOURSE & BEDFORD PARK BOULEVARD  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0373.000 / 15391 Yr Built/Renovated :  
**Area Sq Ft** : 9,065 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 16-Mar-2022 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2242370

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$1,074,900	
<b>Total</b>	<b>\$1,074,900</b>	
Importance Code A	\$399,200	
Importance Code B	\$582,600	
Importance Code C	\$93,200	
<b>Total</b>	<b>\$1,074,900</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$61,700		\$100	
<b>Total</b>	<b>\$61,700</b>		<b>\$100</b>	
Importance Code A	\$30,900		\$100	
Importance Code B	\$13,400			
Importance Code C	\$17,400			
<b>Total</b>	<b>\$61,700</b>		<b>\$100</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND CONCOURSE BEDFORD PARK BOULEVARD**  
**Asset # : 15391**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$29,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Wire Mesh</i>								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$13,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Joint Header</i>								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	\$582,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 BEDFORD PARK BOULEVARD**

**Asset # : 15391**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Wingwalls								
Walls								
	Concrete	100%	4+	\$93,200	LIFE		**	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 30%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>								
Feature Crossed								
Mat (scour & erosion)								
	Generic	100%			LIFE		**	
Approaches								
Pavement								
	Concrete	100%	4+	\$10,500	2042		**	4 \$37,000
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Mat (scour & erosion)								
	Earth	100%			LIFE		**	
Pavement Base								
	Not Accessible	100%						
Piers								
Footings								
	Not Accessible	100%						
Deck Elements								
Curbs								
	Concrete w/ Steel Face	100%			LIFE		**	
<i>Rust Stains, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i>								
Railings/Parapets								
	Steel	100%			LIFE		**	2-8 \$3,400
Sidewalks								
	Concrete	100%			2038		**	5 \$3,900
<i>Cracks, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
Wearing Surface								
	Concrete	100%	4+	\$6,900	2042		**	5 \$20,700
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
Superstructure								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
GRAND CONCOURSE BEDFORD PARK BOULEVARD**

**Asset # : 15391**

Bridge Structure	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%							
	<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
	<i>Location : Utility Bay</i>							
	<i>Explanation : Stay-in-place Form</i>							
Primary Member								
Prestressed Concrete	100%	4+	\$399,200	LIFE			* *	
Box Beam								
	<i>Other Observation, Extent : Moderate, Area Affected : 3%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Cracks</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$62,300	\$1,081,700
<b>Total</b>	<b>\$62,300</b>	<b>\$1,081,700</b>
Importance Code A		\$144,100
Importance Code B	\$62,300	\$31,800
Importance Code C		\$905,800
<b>Total</b>	<b>\$62,300</b>	<b>\$1,081,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$90,900		\$18,200	\$700
<b>Total</b>	<b>\$90,900</b>		<b>\$18,200</b>	<b>\$700</b>
Importance Code A	\$20,700		\$14,500	\$700
Importance Code B	\$16,700		\$3,700	
Importance Code C	\$53,500			
<b>Total</b>	<b>\$90,900</b>		<b>\$18,200</b>	<b>\$700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND CONCOURSE EAST BURNSIDE AVENUE**

**Asset # : 14996**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$20,700	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
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+	\$62,300	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	99%			LIFE		**		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	1%	4+	\$27,700	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	99%			LIFE		**		
Feature Crossed								
Bank Protection Generic	100%			LIFE		**		
Mat (scour & erosion) Generic	100%			LIFE		**		
<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND CONCOURSE EAST BURNSIDE AVENUE**  
**Asset # : 14996**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Concrete	100%	4+	\$16,700	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$16,100	2031	\$803,700	4	\$12,200	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Generic	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$145,800
Pier, Columns								
Steel	100%			LIFE		**	2-8	\$91,600
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
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Concrete</i>								
Steel	100%			LIFE		**	2-8	\$1,900
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Steel</i>								
Sidewalks								
Concrete	100%	4+	\$4,600	2035		**	5	\$1,800
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
GRAND CONCOURSE EAST BURNSIDE AVENUE**

**Asset # : 14996**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface Asphalt	100%	4+	\$5,100	2031	\$102,100	5	\$4,300	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural Concrete	100%			LIFE	**	5	\$9,000	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Joints								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$151,400	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$7,600	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$136,600	\$2,153,200
<b>Total</b>	<b>\$136,600</b>	<b>\$2,153,200</b>
Importance Code A		\$184,400
Importance Code B	\$136,600	\$114,000
Importance Code C		\$1,854,800
<b>Total</b>	<b>\$136,600</b>	<b>\$2,153,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$133,500		\$31,100	\$11,900
<b>Total</b>	<b>\$133,500</b>		<b>\$31,100</b>	<b>\$11,900</b>
Importance Code A	\$46,900		\$18,600	
Importance Code B	\$13,000		\$12,500	
Importance Code C	\$73,600			\$11,900
<b>Total</b>	<b>\$133,500</b>		<b>\$31,100</b>	<b>\$11,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
GRAND CONCOURSE EAST KINGSBRIDGE ROAD**

**Asset # : 14995**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Joint with Deck								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
<hr/>								
Stem (breastwall)								
Concrete Encased Steel	100%	4+	\$136,600	LIFE			* *	
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
<hr/>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
Walls								
Concrete	1%	4+	\$31,100	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Concrete	99%			LIFE			* *	
<hr/>								
<b>Feature Crossed</b>								
Bank Protection								
Generic	100%			LIFE			* *	
<hr/>								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								
Pier Protection								
Concrete	100%	4+	\$13,000	LIFE			* *	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
<hr/>								
<b>Approaches</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND CONCOURSE EAST KINGSBRIDGE ROAD**

**Asset # : 14995**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	1%	4+	\$7,800	2031	\$15,700	4	\$23,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Asphalt	99%			2031	\$1,552,000	4	\$23,800	
Embankment								
Generic	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Piers								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$328,100	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
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+	\$2,000	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%	4+	\$3,500	2039	**	4	\$1,700	
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Concrete</i>								
Steel	100%			LIFE	**	2-8	\$2,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Steel</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%	4+	\$4,100	2035	**	5	\$600	
<i>Cracks, Extent : Light, Area Affected : 8%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 3%</i> <i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%	4+	\$14,400	2031	\$287,200	5	\$12,100	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 80 Percent Asphalt</i>								
Cobblestone	1%	4+	\$16,200	2035	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 18%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Spalling,</i> <i>20 Percent Cobblestone</i>								
Cobblestone	99%			2035	**			
Superstructure								
Deck, Structural								
Concrete	1%	4+	\$41,400	LIFE	**	5	\$20,500	
<i>Cracks, Extent : Light, Area Affected : 3%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
Concrete	99%			LIFE	**	5	\$20,500	
Joints								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$344,400	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$17,300	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 03-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241409

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$143,900	
<b>Total</b>	<b>\$143,900</b>	
Importance Code C	\$143,900	
<b>Total</b>	<b>\$143,900</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$116,800		\$24,000	
<b>Total</b>	<b>\$116,800</b>		<b>\$24,000</b>	
Importance Code A	\$33,100		\$200	
Importance Code B	\$24,300			
Importance Code C	\$59,500		\$23,800	
<b>Total</b>	<b>\$116,800</b>		<b>\$24,000</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND CONCOURSE BRIDGE**  
**Asset # : 13566**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
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%	4+	\$24,300	LIFE			* *	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Concrete Joint Headers (1 Foot High By 1 Foot Wide)</i>					
			<i>Loose Joint Plates, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
Generic	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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	80%	4+	\$27,000	2042	**	4	\$47,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 20%</i> <i>Location : Northeast</i> <i>Explanation : Steel Plates</i>								
Concrete	20%			2042	**	4	\$47,600	
Curbs								
Concrete w/ Steel Face	100%	4+	\$11,600	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i> <i>Location : 18 Inch Long Broken Piece Of Curb At Southwest Side</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Southeast Approach</i>								
Embankment								
Earth	100%			LIFE	**			
Median								
Concrete	100%	4+	\$3,900	LIFE	**	5	\$700	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$19,800	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 20%</i> <i>Location : Southeast Corner</i> <i>Explanation : Steel Plates</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$6,000	LIFE	**			
<i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Median								
Concrete	100%	4+	\$8,200	LIFE	**	5	\$1,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND CONCOURSE BRIDGE**  
**Asset # : 13566**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets Steel	100%			LIFE	**	2-8	\$8,700	
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$12,700	2038	**	5	\$3,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$143,900	2042	**	5	\$34,400	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 25-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2242280

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$1,137,800	\$3,389,500
<b>Total</b>	<b>\$1,137,800</b>	<b>\$3,389,500</b>
Importance Code A	\$339,900	\$276,300
Importance Code B	\$734,500	\$981,800
Importance Code C	\$63,400	\$2,131,400
<b>Total</b>	<b>\$1,137,800</b>	<b>\$3,389,500</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$135,500		\$102,600	\$23,600
<b>Total</b>	<b>\$135,500</b>		<b>\$102,600</b>	<b>\$23,600</b>
Importance Code A	\$2,600		\$1,100	
Importance Code B	\$62,200		\$98,500	
Importance Code C	\$70,700		\$3,100	\$23,600
<b>Total</b>	<b>\$135,500</b>		<b>\$102,600</b>	<b>\$23,600</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST**  
**Asset # : 2501**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
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			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Roadway</i>								
Stem (breastwall) Concrete	35%	4+	\$546,800	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	65%			LIFE			**	
Concrete Encased Steel	70%	4+	\$187,700	LIFE			**	
<i>Efflorescence, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
Concrete Encased Steel	30%			LIFE			**	
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE			**	
Piles Not Accessible	100%							
Walls								
Concrete	65%			LIFE			**	
Concrete	35%	4+	\$63,400	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Mat (scour & erosion) 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**  
**GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST**  
**Asset # : 2501**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	60%			2032	\$942,500	4	\$35,600	
Asphalt	40%	2-4	\$12,600	2032	\$628,300	4	\$23,800	
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Along Wingwalls</i>								
<i>Settlement, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Along Wingwall Curbs</i>								
<i>Spalling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	80%			LIFE			**	
Concrete w/ Steel Face	20%	4+	\$900	LIFE			**	
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Sidewalks</b>								
Concrete	80%			LIFE			**	
Concrete	20%	4+	\$4,000	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Piers</b>								
<b>Cap Beam</b>								
Steel	100%			LIFE		2-8	\$22,900	**
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 20 Percent Of Total</i>								
<b>Pier, Columns</b>								
Steel	98%			LIFE		2-8	\$1,413,400	**
Steel	2%	4+	\$21,800	LIFE		2-8	\$1,413,400	**
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Stem, Solid Pier</b>								
Concrete	75%			LIFE			**	
Concrete	25%	4+	\$40,400	LIFE			**	
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Roadway</i>								
<b>Piles</b>								
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**  
**GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST**  
**Asset # : 2501**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	98%			LIFE	**			
Concrete w/ Steel Face	2%	Now	\$100	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : West And East Sidewalk</i>								
<b>Gratings</b>								
Steel	100%			LIFE	**			
<b>Median</b>								
Concrete	100%			LIFE	**	5	\$5,100	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction</i>								
<b>Railings/Parapets</b>								
Concrete	100%	4+	\$1,600	2040	**	4	\$800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$1,900	
<b>Sidewalks</b>								
Concrete	70%			2036	**	5	\$6,200	
Concrete	20%	4+	\$7,900	2036	**	5	\$3,100	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : West Sidewalk</i>								
<i>Explanation : Scaling</i>								
Concrete	10%	2-4	\$800	2036	**	5	\$3,100	
<i>Cracks, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : East Sidewalk</i>								
<i>Spalling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : East Sidewalk</i>								
<b>Wearing Surface</b>								
Asphalt	70%			2032	\$392,400	5	\$47,100	
Asphalt	30%	2-4	\$33,600	2032	\$168,200	5	\$23,600	
<i>Cracks, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Near Curbs</i>								
<i>Spalling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : West Side</i>								
<i>Explanation : Construction Zone</i>								
<b>Superstructure</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND CONCOURSE BRIDGE GRAND CONCOURSE/EAST 167TH ST**  
**Asset # : 2501**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Concrete	80%			LIFE	**	5	\$42,200	
Concrete	20%	4+	\$339,900	LIFE	**	5	\$42,200	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
Concrete Encased Steel	100%			LIFE	**	5	\$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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 25-Oct-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2242259

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,900,500	\$575,900
<b>Total</b>	<b>\$1,900,500</b>	<b>\$575,900</b>
Importance Code A		\$253,900
Importance Code B	\$1,832,300	\$253,900
Importance Code C	\$68,100	\$68,100
<b>Total</b>	<b>\$1,900,500</b>	<b>\$575,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$56,900		\$59,800	
<b>Total</b>	<b>\$56,900</b>		<b>\$59,800</b>	
Importance Code A	\$8,400		\$26,300	
Importance Code B			\$25,500	
Importance Code C	\$48,500		\$8,100	
<b>Total</b>	<b>\$56,900</b>		<b>\$59,800</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.**  
**Asset # : 4215**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 3%</i>								
<i>Location : Near Both Ends Of The Tunnel</i>								
<i>Explanation : Bird Debris</i>								
Backwall Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Appears To Be Jointless Detail. Approach Slab To Asphalt In Good Condition</i>								
Mat (scour & erosion) Generic	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Sidewalk</i>								
Pedestals Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : Under Deck Joints</i>								
Stem (breastwall) Concrete	100%	4+	\$1,832,300	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Ends Of Bridge</i>								
<i>Explanation : Concrete At Sidewalk</i>								
Piles Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.**  
**Asset # : 4215**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northwest Wingwall</i>								
<i>Explanation : Water Stains</i>								
Feature Crossed								
Mat (scour & erosion)								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%	4+	\$48,500	2040		**	4	\$90,700
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Old Repair, Extent : Light, Area Affected : 1%</i>								
<i>Location : Asphalt Patch On South Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040		**	4	
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stainless Steel</i>								
Sidewalks								
Concrete	100%			LIFE		**		
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Granite	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 85 Percent Of Total Curb</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Primarily At Curbs Not In Plaza</i>								
<i>Explanation : 15 Percent Of Total Curb</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.**  
**Asset # : 4215**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Gratings								
Steel	100%			LIFE		**		
Median								
Concrete	100%			LIFE		**	5	
Granite	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Lou Gehrig Plaza</i> <i>Explanation : Pavers And Planter Boxes Throughout Plaza</i>								
Mono Deck Surface								
Concrete	100%			2051		**	5	\$136,300
Railings/Parapets								
Concrete	100%			2040		**	4	\$25,100
Steel	100%			LIFE		**	2-8	\$22,900
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Stainless Steel</i>								
Sidewalks								
Concrete	100%			2036		**	5	\$16,200
<i>Cracking/Crumbling, Extent : Light, Area Affected : 5%</i> <i>Location : Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Sidewalks At Fascia</i> <i>Explanation : Concrete Sidewalks At Each Fascia</i>								
<b>Superstructure</b>								
Deck, Structural								
Concrete	100%			LIFE		**	5	\$37,600
<i>Cracks, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 5%</i> <i>Location : Adjacent To Construction Joints</i> <i>Leakage, Extent : Moderate, Area Affected : 30%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Precast Concrete Deck</i>								
Joints								
Generic	100%			LIFE		**		
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
Primary Member								
Steel	100%			LIFE		**	2-8	\$474,200
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Peeling Paint.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND CONCOURSE OVER E.161 ST. GRAND CONCOURSE/E.161 ST.**  
**Asset # : 4215**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure Secondary Member Steel	100%			LIFE	**	2-8	\$397,200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Through Out</i> <i>Explanation : Bird Debris</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 18-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231370

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$333,200	\$333,200
<b>Total</b>	<b>\$333,200</b>	<b>\$333,200</b>
Importance Code A	\$333,200	\$333,200
<b>Total</b>	<b>\$333,200</b>	<b>\$333,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$155,200		\$39,200	\$19,600
<b>Total</b>	<b>\$155,200</b>		<b>\$39,200</b>	<b>\$19,600</b>
Importance Code A	\$131,500		\$33,900	
Importance Code B	\$23,600		\$2,000	
Importance Code C			\$3,300	\$19,600
<b>Total</b>	<b>\$155,200</b>		<b>\$39,200</b>	<b>\$19,600</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**GUIDER AVENUE RAMP TO BSHP BELT PARKWAY**

**Asset # : 14957**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Multi-Rotational Bearing	100%			2061	**			
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE	**			
		<i>Corrosion, Extent : Moderate, Area Affected : 90%</i>						
		<i>Location : Throughout</i>						
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: Granite	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Joint Mortar Missing/ Eroded</i>						
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 90%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Asphalt Paving Underneath</i>						
Pier Protection Concrete	100%			LIFE	**			
Approaches								
Pavement Concrete	100%			2042	**	4	\$6,700	
Curbs Concrete	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**  
**GUIDER AVENUE RAMP TO BSHP BELT PARKWAY**

**Asset # : 14957**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Guide Railing								
Steel	100%			LIFE	**	2-8	\$3,300	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Northeast Approach Only</i>								
<i>Explanation : Steel Guide Rail</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%			2042	**			
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southeast Approach</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Pier,Columns								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2036	**			
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	**			
<i>Corrosion, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$19,700	
Sidewalks								
Concrete	100%			2038	**	5	\$6,400	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On East Side</i>								
Wearing Surface								
Concrete	100%			2042	**	5	\$39,200	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

**Superstructure**

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**GUIDER AVENUE RAMP TO BSHP BELT PARKWAY**

**Asset # : 14957**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%			LIFE	**	5	\$23,100	
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Covered By Stay In Place Forms</i>					
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,066,800	
			<i>Rust Stains, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Secondary Member								
Steel	100%			LIFE	**	2-8	\$54,900	
			<i>Rust Stains, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : GUN HILL ROAD BRONX BLVD  
**Address** : E. GUN HILL ROAD OVER BRONX BLVD  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0310.000 / 15068 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,004 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2242430

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$262,600	\$348,100
<b>Total</b>	<b>\$262,600</b>	<b>\$348,100</b>
Importance Code A	\$262,600	
Importance Code C		\$348,100
<b>Total</b>	<b>\$262,600</b>	<b>\$348,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$91,200		\$100	\$3,500
<b>Total</b>	<b>\$91,200</b>		<b>\$100</b>	<b>\$3,500</b>
Importance Code A	\$500		\$100	
Importance Code B	\$13,700			
Importance Code C	\$76,900			\$3,500
<b>Total</b>	<b>\$91,200</b>		<b>\$100</b>	<b>\$3,500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**GUN HILL ROAD BRONX BLVD**  
**Asset # : 15068**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE			**	
Backwall Concrete	100%			LIFE			**	
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Buried By Wearing Surface</i>						
Mat (scour & erosion) Generic	100%			LIFE			**	
Stem (breastwall) Concrete	100%			LIFE			**	
		<i>Other Observation, Extent : Light, Area Affected : 80%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Brick Facade</i>						
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE			**	
Piles Not Accessible	100%							
Walls Concrete	100%	4+	\$39,400	LIFE			**	
		<i>Efflorescence, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Brick Facade</i>						
Masonry	100%			LIFE			**	
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE			**	
Approaches								
Pavement Asphalt	100%			2032	\$264,700	4	\$6,000	
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GUN HILL ROAD BRONX BLVD**  
**Asset # : 15068**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : West Approach</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Embankment</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<hr/>								
<b>Pavement Base</b>								
Not Accessible	100%							
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2040	**	4	\$1,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Brick Fascia</i>								
<hr/>								
Masonry	100%			2040	**			
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Corners</i>								
<i>Explanation : 4 Scuppers</i>								
<hr/>								
<b>Piers</b>								
<b>Cap Beam</b>								
Concrete Encased Steel	100%			LIFE	**	5	\$26,200	
<hr/>								
<b>Pier,Columns</b>								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Brick Facade</i>								
<hr/>								
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							
<hr/>								
<b>Footings</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE	**			
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GUN HILL ROAD BRONX BLVD**  
**Asset # : 15068**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$3,700
Sidewalks								
Concrete	100%	4+	\$35,500	2036		**	5	\$2,800
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Surface Peeling</i>								
Wearing Surface								
Asphalt	100%			2032	\$83,400		5	\$7,000
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Concrete Encased Steel	100%	Now	\$262,600	LIFE		**	5	\$40,300
<i>Delaminations, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rust Stains</i>								
Secondary Member								
Concrete Encased Steel	100%	Now	\$13,700	2059		**		
<i>Delaminations, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 03-Feb-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231610

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$265,600
<b>Total</b>		<b>\$265,600</b>
Importance Code A		\$144,500
Importance Code B		\$121,000
<b>Total</b>		<b>\$265,600</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$43,000		\$36,600	
<b>Total</b>	<b>\$43,000</b>		<b>\$36,600</b>	
Importance Code A	\$2,900		\$14,800	
Importance Code B			\$12,100	
Importance Code C	\$40,100		\$9,700	
<b>Total</b>	<b>\$43,000</b>		<b>\$36,600</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GUY R. BREWER BLVD BRIDGE**  
**Asset # : 13668**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			* *	
Backwall								
Concrete	20%			LIFE			* *	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Delaminations, Extent : Light, Area Affected : 3%</i>						
		<i>Location : Both Sides</i>						
		<i>Leakage, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Both Sides</i>						
Concrete	80%			LIFE			* *	
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2059			* *	
		<i>Corrosion, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Rust Stains, Extent : Light, Area Affected : 4%</i>						
		<i>Location : Random Locations Throughout</i>						
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Granite Rock Pavers</i>						
Pedestals								
Concrete	100%			LIFE			* *	
Stem (breastwall)								
Concrete	100%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GUY R. BREWER BLVD BRIDGE**  
**Asset # : 13668**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%	4+	\$24,700	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Southwest Wingwall</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Barrier</i>								
Approaches								
Pavement								
Concrete	100%			2040		4	\$12,300	**
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : Northwest Approach</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040		4	**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE			**	
Sidewalks								
Concrete	100%	4+	\$3,700	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

## Piers

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GUY R. BREWER BLVD BRIDGE**  
**Asset # : 13668**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier,Columns Steel	100%			LIFE	**	2-8	\$140,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bottom Of Steel Column</i>								
<i>Explanation : The Condition Of Base Plate Is Recorded With The Column</i>								
Stem,Solid Pier Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Multi-Rotational Bearing	100%			2059	**			
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Piles Not Accessible	100%							
<b>Deck Elements</b>								
Curbs Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Mono Deck Surface Concrete	100%			2051	**	5	\$19,400	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets Concrete	100%			2040	**	4	\$8,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$8,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Top Of Concrete Parapet</i>								
<i>Explanation : Chain Link Fence</i>								
Sidewalks Concrete	100%	4+	\$7,600	2036	**	5	\$3,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

**Superstructure**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GUY R. BREWER BLVD BRIDGE**  
**Asset # : 13668**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%			LIFE	**	5	\$7,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bottom Of The Deck</i>								
<i>Explanation : Stay In Place Forms Are In Good Condition</i>								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	10%			LIFE	**	2-8	\$135,000	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	90%			LIFE	**	2-8	\$135,000	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$113,000	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : GUYON AVENUE SIRT SOUTH SHORE  
**Address** : GUYON AVE BET. N. RAILROAD AVE AND S. RAILROAD AVE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0257.000 / 15011 **Yr Built/Renovated** :  
**Area Sq Ft** : 7,926 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 12-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249380

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$681,600
<b>Total</b>		<b>\$681,600</b>
Importance Code A		\$78,400
Importance Code C		\$603,100
<b>Total</b>		<b>\$681,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$41,300		\$8,500	\$3,200
<b>Total</b>	<b>\$41,300</b>		<b>\$8,500</b>	<b>\$3,200</b>
Importance Code A	\$29,700		\$8,000	
Importance Code B			\$500	
Importance Code C	\$11,600			\$3,200
<b>Total</b>	<b>\$41,300</b>		<b>\$8,500</b>	<b>\$3,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GUYON AVENUE SIRT SOUTH SHORE**  
**Asset # : 15011**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Buried By Asphalt</i>						
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 Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		**		
Pier Protection Concrete	100%			LIFE		**		
Approaches								
Pavement Asphalt	100%			2032	\$516,000	4	\$10,300	
Curbs Concrete	100%	Now	\$11,600	LIFE		**		
		<i>Settlement, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Southeast Sidewalk</i>						
Embankment Earth	100%			LIFE		**		
Mat (scour & erosion) Not Accessible	100%							
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**  
**GUYON AVENUE SIRT SOUTH SHORE**  
**Asset # : 15011**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	\$2,000	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Pier,Columns								
Concrete	100%			LIFE		**		
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	4%	0-2	\$6,000	2051		**		
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	96%			2051		**		
Railings/Parapets								
Steel	100%	Now	\$12,000	LIFE		**	2-8	\$3,300
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$6,200	2036		**	5	\$2,100
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%			2032	\$87,100		5	\$6,400
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE		**	2-8	\$146,500

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  
GUYON AVENUE SIRT SOUTH SHORE  
Asset # : 15011**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Superstructure Secondary Member Steel	100%			LIFE	* *	2-8	\$7,400	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : HAMILTON PLACE 495 - LONG ISLAND EXPRESSWAY  
**Address** : HAMILTON PL. BETWEEN BORDEN AVE. AND HULL AVE.  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0276.000 / 15030 **Yr Built/Renovated** :  
**Area Sq Ft** : 11,152 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2065930

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$445,800
<b>Total</b>		<b>\$445,800</b>
Importance Code C		\$445,800
<b>Total</b>		<b>\$445,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$2,700	\$23,900	\$3,000	
<b>Total</b>	<b>\$2,700</b>	<b>\$23,900</b>	<b>\$3,000</b>	
Importance Code A			\$300	
Importance Code C	\$2,700	\$23,900	\$2,600	
<b>Total</b>	<b>\$2,700</b>	<b>\$23,900</b>	<b>\$3,000</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON PLACE 495 - LONG ISLAND EXPRESSWAY**

**Asset # : 15030**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Southeast Sidewalk</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			**	
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Concrete Barrier</i>					
Approaches								
Pavement								
Asphalt	100%			2032	\$445,800	4	\$8,100	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Granite	100%			LIFE			**	
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON PLACE 495 - LONG ISLAND EXPRESSWAY**

**Asset # : 15030**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Not Accessible	100%							
Guide Railing								
Steel	100%			LIFE	**	2-8	\$3,400	
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Southeast Approach Near Joint</i>					
Scupper								
Cast Iron	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Northwest Approach</i>					
			<i>Explanation : 1 Scupper</i>					
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Granite	100%			LIFE	**			
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$7,000	

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  
HAMILTON PLACE 495 - LONG ISLAND EXPRESSWAY**

**Asset # : 15030**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Deck Elements								
Sidewalks								
Concrete	100%			2036	**	5	\$5,200	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$47,900	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$30,500	\$1,700	\$200	\$2,900
<b>Total</b>	<b>\$30,500</b>	<b>\$1,700</b>	<b>\$200</b>	<b>\$2,900</b>
Importance Code A	\$1,400		\$200	\$2,900
Importance Code B	\$6,700			
Importance Code C	\$22,400	\$1,700		
<b>Total</b>	<b>\$30,500</b>	<b>\$1,700</b>	<b>\$200</b>	<b>\$2,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**HARBOR ROAD CONRAIL - EXB&O RR**  
**Asset # : 14966**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$6,700	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Bank Protection								
Concrete	100%			LIFE		**		
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Railroad Tracks</i>								
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Concrete	100%	4+	\$6,700	2039		**	4	\$11,000
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HARBOR ROAD CONRAIL - EXB&O RR**  
**Asset # : 14966**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Approaches</b>							
<b>Curbs</b>							
Concrete w/ Steel Face	6%	4+	\$1,400	LIFE		**	
	<i>Cracks, Extent : Light, Area Affected : 3%</i>						
	<i>Location : Random Locations Throughout</i>						
	<i>Spalling, Extent : Light, Area Affected : 2%</i>						
	<i>Location : Random Locations Throughout</i>						
Concrete w/ Steel Face	94%			LIFE		**	
<b>Embankment</b>							
Generic	100%			LIFE		**	
<b>Mat (scour &amp; erosion)</b>							
Not Accessible	100%						
<b>Pavement Base</b>							
Not Accessible	100%						
<b>Railings/Parapets</b>							
Concrete	100%			2039		**	\$1,600
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
	<i>Location : Throughout</i>						
	<i>Explanation : 50 Percent Concrete</i>						
Steel	100%			LIFE		**	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
	<i>Location : Throughout</i>						
	<i>Explanation : 50 Percent Steel</i>						
<b>Sidewalks</b>							
Concrete	100%	4+	\$2,800	LIFE		**	
	<i>Cracks, Extent : Light, Area Affected : 3%</i>						
	<i>Location : Random Locations Throughout</i>						
	<i>Spalling, Extent : Light, Area Affected : 2%</i>						
	<i>Location : Random Locations Throughout</i>						
	<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>						
	<i>Location : Random Locations Throughout</i>						
<b>Piers</b>							
<b>Cap Beam</b>							
Not Accessible	100%						
<b>Pier,Columns</b>							
Not Accessible	100%						
<b>Stem,Solid Pier</b>							
Not Accessible	100%						
<b>Brngs,Ancr Blts,Pads</b>							
Not Accessible	100%						
<b>Footings</b>							
Not Accessible	100%						
<b>Mat (scour &amp; erosion)</b>							
Not Accessible	100%						
<b>Pedestals</b>							
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Rusted</i>					
Railings/Parapets								
Concrete	100%			2039		**	4	\$4,100
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 50 Percent Concrete</i>					
Steel	100%			LIFE		**	2-8	\$5,700
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 50 Percent Steel</i>					
Sidewalks								
Concrete	5%	4+	\$4,900	2035		**	5	\$1,700
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	95%			2035		**	5	\$3,400
Wearing Surface								
Concrete	100%	4+	\$7,900	2039		**	5	\$11,000
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : HARLEM RIVER DRIVE NORTHBOUND RAMP TO E 127TH ST  
**Address** : E. 127TH ST AT HARLEM RIVER DR.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0400.000 / 15476 **Yr Built/Renovated** : 2018 /  
**Area Sq Ft** : 46,038 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 29-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2233052

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$50,700	\$50,700
<b>Total</b>	<b>\$50,700</b>	<b>\$50,700</b>
Importance Code A	\$50,700	\$50,700
<b>Total</b>	<b>\$50,700</b>	<b>\$50,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$4,100		\$16,400	
<b>Total</b>	<b>\$4,100</b>		<b>\$16,400</b>	
Importance Code A			\$16,400	
Importance Code B	\$4,100			
<b>Total</b>	<b>\$4,100</b>		<b>\$16,400</b>	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HARLEM RIVER DRIVE NORTHBOUND RAMP TO E 127TH ST**  
**Asset # : 15476**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2053	**			
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	**			
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE	**			
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
			<i>Other Observation, Extent : N/A, Area Affected : 80%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Asphalt Paving Underneath</i>					
<b>Approaches</b>								
Pavement								
Not Accessible	100%							
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4	\$2,200	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Scupper								
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 NORTHBOUND RAMP TO E 127TH ST**  
**Asset # : 15476**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Cap Beam Concrete	100%			LIFE	**			
Pier,Columns Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			2053	**			
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
Railings/Parapets Concrete	100%			2042	**	4	\$30,700	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface Not Accessible	100%							
Scupper Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 4 Scuppers Total</i>								
<b>Superstructure</b>								
Deck,Structural Concrete	100%			LIFE	**	5	\$101,300	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations On Central Bay With Longitudinal Joint</i>								
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout On Stay Place Forms</i>								
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout Except At Overhangs And Central Bay With Longitudinal Joint</i>								
<i>Explanation : Stay In Place Forms</i>								
<b>Joints</b>								
Not Accessible	100%							
<b>Primary Member</b>								
Prestressed Concrete I Beam	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rust Stains</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 NORTHBOUND RAMP TO E 127TH ST**  
**Asset # : 15476**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure Secondary Member Concrete	100%			LIFE	**	5	\$8,200	

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : HARLEM RIVER DRIVE RAMP TO GWB H.R.D. NB (RAMP)TO E 127TH ST  
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 : 16-Jan-2020 Landmark Status : NONE  
Areas Surveyed :  
Block : Lot : BIN : 2267240

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$28,339,000	\$4,384,500
<b>Total</b>	<b>\$28,339,000</b>	<b>\$4,384,500</b>
Importance Code A	\$19,925,500	\$1,723,400
Importance Code B	\$6,996,300	\$274,300
Importance Code C	\$1,417,200	\$2,386,700
<b>Total</b>	<b>\$28,339,000</b>	<b>\$4,384,500</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$86,100		\$85,000	
<b>Total</b>	<b>\$86,100</b>		<b>\$85,000</b>	
Importance Code A	\$63,200		\$44,800	
Importance Code C	\$22,900		\$40,200	
<b>Total</b>	<b>\$86,100</b>		<b>\$85,000</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HARLEM RIVER DRIVE RAMP TO GWB H.R.D. NB (RAMP) TO E 127TH ST**  
**Asset # : 2509**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	40%			LIFE			**	
Generic	60%	Now	\$63,700	LIFE			**	
<i>Corrosion, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Beginning Abutment</i>								
<i>Leakage, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Joint Is Paved Over For Entire Length.</i>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	50%			LIFE			**	
Concrete	50%	2-4	\$205,800	LIFE			**	
<i>Cracks, Extent : Severe, Area Affected : 55%</i>								
<i>Location : Random Locations Per Biennial Inspection Report</i>								
<i>Efflorescence, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Light Scaling, Water Stains On Stem Wall Surface Per Biennial Inspection</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Random Locations Per Biennial Inspection</i>								
<i>Spalling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random Locations Per Biennial Inspection</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HARLEM RIVER DRIVE RAMP TO GWB H.R.D. NB (RAMP) TO E 127TH ST**  
**Asset # : 2509**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%	4+	\$219,300	LIFE		**		
<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 9 And 10 Left Curtain Wall Per Biennial Inspection</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Brick Fascia</i>								
Approaches								
Pavement								
Asphalt	80%			2032	\$389,600	4	\$10,200	
Asphalt	20%	4+	\$19,500	2032	\$97,400	4	\$6,800	
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	15%	4+	\$800	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Near The Joint At 49th Pier</i>								
Concrete	85%			LIFE		**		
Concrete w/ Steel Face	75%			LIFE		**		
Concrete w/ Steel Face	25%	4+	\$2,100	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Guide Railing								
Concrete	40%			2040		**	4	\$7,700
Concrete	60%	Now	\$34,300	2040		**	4	\$5,200
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Heavily Spalled</i>								
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 TO GWB H.R.D. NB (RAMP) TO E 127TH ST**  
**Asset # : 2509**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier, Columns Concrete	35%	2-4	\$3,194,900	LIFE		**		
			<i>Cracks, Extent : Severe, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
			<i>Spalling, Extent : Severe, Area Affected : 30%</i>					
			<i>Location : Throughout</i>					
Concrete	25%	Now	\$2,282,000	LIFE		**		
			<i>Delaminations, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : Spans 1 To 11</i>					
			<i>Spalling, Extent : Severe, Area Affected : 40%</i>					
			<i>Location : Spans 1 To 11</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Vegetation Growth</i>					
Concrete	40%			LIFE		**		
<b>Brngs, Ancr Blts, Pads</b>								
Not Accessible	100%							
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		
<b>Pedestals</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$196,100	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations On West Side</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations On West Side</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations On West Side</i>					
<b>Median</b>								
Concrete	80%			LIFE		**	5	\$23,100
Concrete	20%	4+	\$177,800	LIFE		**	5	\$23,100
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE		**	4-8	\$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 TO GWB H.R.D. NB (RAMP) TO E 127TH ST**  
**Asset # : 2509**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Railings/Parapets								
Concrete	80%			2040	**	4	\$70,600	
Concrete	20%	0-2	\$321,500	2040	**	4	\$47,100	
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	70%			2036	**	5	\$80,400	
Concrete	30%	2-4	\$504,900	2036	**	5	\$40,200	
<i>Cracks, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	70%			2032	\$1,234,900	5	\$135,600	
Asphalt	30%	4+	\$105,800	2032	\$529,200	5	\$67,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rutting</i>								
<hr/>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 24 Scuppers</i>								
<hr/>								
<b>Superstructure</b>								
Deck, Structural								
Concrete	25%			LIFE	**	5	\$162,300	
Concrete	75%	2-4	\$5,367,600	LIFE	**	5	\$162,300	
<i>Broken, Missing Pave, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 TO GWB H.R.D. NB (RAMP) TO E 127TH ST**  
**Asset # : 2509**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	25%			LIFE		**		
Generic	75%	Now	\$519,400	LIFE		**		
<i>Leakage, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Most Of The Joints, Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Most Of The Joints, Throughout</i>								
<i>Explanation : Paved Over</i>								
Primary Member								
Concrete	60%			LIFE		**	5	\$464,500
Concrete	40%	2-4	\$12,138,300	LIFE		**	5	\$464,500
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Various, Throughout Arches</i>								
<i>Spalling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Various, Throughout Arches</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Vegetation Growth</i>								
Steel	75%			LIFE		**	2-8	\$417,300
Steel	25%	4+	\$1,724,200	LIFE		**	2-8	\$417,300
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Per Biennial Insp Report</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Concrete	80%			LIFE		**	5	\$137,200
Concrete	20%	4+	\$1,195,200	LIFE		**	5	\$137,200
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete Encased Steel	85%			2059		**		
Concrete Encased Steel	15%	4+	\$54,700	2059		**		
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : HARLEM RIVER DRIVE SOUTHBOUND NB HRD RAMP TO E 127TH ST  
**Address** : E. 127TH ST AT HARLEM RIVER DR.  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0286.000 / 15044 **Yr Built/Renovated** : 2017 /  
**Area Sq Ft** : 55,702 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 29-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2233051

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$61,300	\$61,300
<b>Total</b>	<b>\$61,300</b>	<b>\$61,300</b>
Importance Code A	\$61,300	\$61,300
<b>Total</b>	<b>\$61,300</b>	<b>\$61,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$5,500		\$15,900	
<b>Total</b>	<b>\$5,500</b>		<b>\$15,900</b>	
Importance Code A			\$15,900	
Importance Code B	\$5,500			
<b>Total</b>	<b>\$5,500</b>		<b>\$15,900</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**HARLEM RIVER DRIVE SOUTHBOUND NB HRD RAMP TO E 127TH ST**  
**Asset # : 15044**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2053	**			
Footings								
Not Accessible	100%							
Joint with Deck								
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								
Masonry	100%			LIFE	**			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Paved Underneath</i>								
Approaches								
Pavement								
Not Accessible	100%							
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4	\$1,500	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
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 SOUTHBOUND NB HRD RAMP TO E 127TH ST**  
**Asset # : 15044**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam Concrete	100%			LIFE	**			
Pier,Columns Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			2053	**			
		<i>Other Observation, Extent : N/A, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Limited Access</i>						
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
Piles Not Accessible	100%							
Deck Elements								
Railings/Parapets Concrete	100%			2042	**	4	\$30,200	
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Wearing Surface Not Accessible	100%							
Scupper Cast Iron	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 11 Scuppers Total</i>						
Superstructure								
Deck,Structural Concrete	100%			LIFE	**	5	\$122,600	
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations On Central Bay With Longitudinal Joint</i>						
		<i>Corrosion, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout On Stay In Place Forms</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 95%</i>						
		<i>Location : Throughout Except At Overhangs And Central Bay With Longitudinal Joint</i>						
		<i>Explanation : Stay In Place Forms</i>						
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**  
**HARLEM RIVER DRIVE SOUTHBOUND NB HRD RAMP TO E 127TH ST**  
**Asset # : 15044**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Prestressed Concrete I Beam	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations On Bottom Flanges</i> <i>Explanation : Rust Stains</i>								
Secondary Member								
Concrete	100%			LIFE	**	5	\$11,000	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : HEMPSTEAD AVENUE BELT SYSTEM CROSS ISLAND RAMP NB  
 Address : HEMPSTEAD AVE OVER CROSS ISLAND PKWY RAMP NB, QUEENS VILLAGE  
 Borough : QUEENS Agency's Number : N/A  
 Program / Asset # : DOT0329.000 / 15188 Yr Built/Renovated : 1935 /  
 Area Sq Ft : 9,170 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 08-Dec-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2266149

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$53,600	\$455,900
<b>Total</b>	<b>\$53,600</b>	<b>\$455,900</b>
Importance Code A		\$99,100
Importance Code B		\$38,100
Importance Code C	\$53,600	\$318,700
<b>Total</b>	<b>\$53,600</b>	<b>\$455,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$14,400		\$13,800	\$1,200
<b>Total</b>	<b>\$14,400</b>		<b>\$13,800</b>	<b>\$1,200</b>
Importance Code A	\$4,300		\$10,000	
Importance Code B			\$3,800	
Importance Code C	\$10,200			\$1,200
<b>Total</b>	<b>\$14,400</b>		<b>\$13,800</b>	<b>\$1,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HEMPSTEAD AVENUE BELT SYSTEM CROSS ISLAND RAMP NB**  
**Asset # : 15188**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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) Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 90%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Stem Consists Of 10 Percent Concrete, 90 Percent Not Accessible.</i>					
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE			**	
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Southwest Wingwall</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion) Generic	100%			LIFE			**	
Pier Protection Concrete	100%			LIFE			**	
<b>Approaches</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HEMPSTEAD AVENUE BELT SYSTEM CROSS ISLAND RAMP NB**  
**Asset # : 15188**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	Now	\$53,600	2033	\$267,800	4	\$7,700	
<i>Cracks, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Both Approaches</i>								
<i>Spalling, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Southeast Approach</i>								
<i>Explanation : Uneven Surface And Potholes Present</i>								
Curbs								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%	2-4	\$2,100	LIFE		**	5	\$200
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Vegetation Growth</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Both Approach Sidewalks</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Southeast Approach</i>								
<i>Explanation : 1 Observed - Clogged With Debris</i>								
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$229,100
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cap Beam Consists Of 10 Percent Steel, 90 Percent Not Accessible.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HEMPSTEAD AVENUE BELT SYSTEM CROSS ISLAND RAMP NB**  
**Asset # : 15188**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier,Columns Steel	100%			LIFE	**	2-8	\$109,800	
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pier, Columns Consist Of 10 Percent Steel, 90 Percent Not Accessible.</i>								
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%							
<b>Deck Elements</b>								
Curbs Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Median Concrete	12%	2-4	\$2,200	LIFE	**	5	\$400	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	88%			LIFE	**	5	\$400	
Railings/Parapets Steel	100%			LIFE	**	2-8	\$700	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Sides</i>								
<i>Explanation : Chain Link Fence Behind Steel Bridge Railing With Minor Dried Vegetation</i>								
Sidewalks Concrete	100%			2037	**	5	\$2,300	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface Asphalt	100%	0-2	\$10,200	2033	\$50,900	5	\$4,000	
<i>Cracks, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Uneven Surface</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HEMPSTEAD AVENUE BELT SYSTEM CROSS ISLAND RAMP NB**  
**Asset # : 15188**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 22-Oct-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2229289

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$244,800	\$2,736,300
<b>Total</b>	<b>\$244,800</b>	<b>\$2,736,300</b>
Importance Code A	\$151,200	\$102,700
Importance Code C	\$93,600	\$2,633,700
<b>Total</b>	<b>\$244,800</b>	<b>\$2,736,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$42,200		\$400	
<b>Total</b>	<b>\$42,200</b>		<b>\$400</b>	
Importance Code A	\$42,200		\$400	
<b>Total</b>	<b>\$42,200</b>		<b>\$400</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST**  
**Asset # : 2444**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Abutment</i>						
		<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>						
<hr/>								
Backwall Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Abutment</i>						
		<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>						
<hr/>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
<hr/>								
Footings Not Accessible	100%							
<hr/>								
Joint with Deck Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Not Accessible	100%							
<hr/>								
Pedestals Not Accessible	100%							
<hr/>								
Stem (breastwall) Not Accessible	100%							
<hr/>								
Walls Not Accessible	100%							
<hr/>								
<b>Feature Crossed</b>								
Bank Protection Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Not Accessible	100%							
<hr/>								
Pier Protection Not Accessible	100%							
<hr/>								
<b>Piers</b>								
Cap Beam Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>						
<hr/>								
Pier,Columns Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>						
<hr/>								
Stem,Solid Pier Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST**  
**Asset # : 2444**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>						
<b>Piles</b>								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>						
<b>Deck Elements</b>								
<b>Median</b>								
Concrete	90%			LIFE	**	5	\$51,300	
Concrete	10%	4+	\$51,000	LIFE	**	5	\$51,300	
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Exposed Reinforcement, Extent : Light, Area Affected : 3%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Railings/Parapets</b>								
Concrete	90%			2040	**	4	\$126,500	
Concrete	10%	4+	\$100,200	2040	**	4	\$84,400	
		<i>Cracks, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Steel	100%			LIFE	**	2-8	\$10,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Chain Link Fence</i>						
<b>Wearing Surface</b>								
Asphalt	100%			2032	\$2,540,100	5	\$187,200	
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<b>Superstructure</b>								
<b>Deck,Structural</b>								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HEN HUD PKWAY VIADUCT BRIDGE HHP VIADUCT/W72 ST TO W79 ST**  
**Asset # : 2444**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	100%			LIFE		**		
Primary Member								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>								
Secondary Member								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Spans Over Railroad Tracks Were Not Accessible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 19-Oct-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2229349

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$1,906,400	\$4,179,000
<b>Total</b>	<b>\$1,906,400</b>	<b>\$4,179,000</b>
Importance Code A	\$1,380,100	\$1,522,600
Importance Code B	\$197,500	\$1,685,000
Importance Code C	\$328,800	\$971,400
<b>Total</b>	<b>\$1,906,400</b>	<b>\$4,179,000</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$27,600	\$40,100	\$308,000	
<b>Total</b>	<b>\$27,600</b>	<b>\$40,100</b>	<b>\$308,000</b>	
Importance Code A	\$27,600	\$27,400	\$139,000	
Importance Code B			\$169,000	
Importance Code C		\$12,700		
<b>Total</b>	<b>\$27,600</b>	<b>\$40,100</b>	<b>\$308,000</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST**  
**Asset # : 2820**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$4,800	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Signs Of Water Leakage Through Joints</i>								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	2-4	\$95,300	LIFE			**	
<i>Loose Joint Plates, Extent : Moderate, Area Affected : 90%</i>								
<i>Location : South End</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South End And North Abutments</i>								
<i>Explanation : Uneven Surface Of Expansion Joint Cover Observed At South End. Also, North Abutment Not Accessible</i>								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Pedestals								
Concrete	100%			LIFE			**	
Stem (breastwall)								
Concrete	100%	4+	\$102,300	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Both Abutments</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Water Seepage</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST**  
**Asset # : 2820**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%	4+	\$62,200	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Wingwalls At Both Abutments</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : South Wingwall West Face</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout All Wingwalls</i>								
<i>Explanation : Missing Mortar Between And Underneath Granite Coping Stones</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Asphalt	100%			2033	\$644,700	4	\$14,700	
Concrete	100%			2041	**	4	\$23,500	
Embankment								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041	**	4		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : End Approach</i>								
<i>Explanation : Concrete Barrier</i>								
Steel	100%			LIFE	**			
Piers								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$861,700	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$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**  
**HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST**  
**Asset # : 2820**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Railings/Parapets</b>								
Concrete	20%	4+	\$22,800	2041	**	4	\$54,800	
<i>Loss of Section, Extent : Light, Area Affected : 2%</i>								
<i>Location : East And West Fascia At Bottom Of Light pole</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rust Stains</i>								
Concrete	80%			2041	**	4	\$82,200	
Steel	100%			LIFE	**	2-8		
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$206,200	2041	**	5	\$326,700	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : South Abutment West Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : 51 Scuppers Observed</i>								
<b>Superstructure</b>								
<b>Deck,Structural</b>								
Concrete	100%	2-4	\$1,380,100	LIFE	**	5	\$136,900	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Exposed Rebar With Light Corrosion</i>								
<b>Joints</b>								
Generic	100%	2-4	\$60,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Leakage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HENRY HUDSON PKWY, W. 158TH ST. HENRY HUDSON PKWY/W 158 ST**  
**Asset # : 2820**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	100%			LIFE	**	2-8	\$2,588,100	
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Loss of Section, Extent : Light, Area Affected : 5%</i>					
			<i>Location : At End Of Overhang Brackets</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Paint Peeling</i>					
Secondary Member								
Steel	100%			LIFE	**	2-8	\$2,168,100	
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 15-Dec-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2267250

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$321,500	\$519,500
<b>Total</b>	<b>\$321,500</b>	<b>\$519,500</b>
Importance Code A	\$183,700	
Importance Code C	\$137,700	\$519,500
<b>Total</b>	<b>\$321,500</b>	<b>\$519,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$174,900		\$400	\$1,400
<b>Total</b>	<b>\$174,900</b>		<b>\$400</b>	<b>\$1,400</b>
Importance Code A	\$97,400		\$400	
Importance Code C	\$77,500			\$1,400
<b>Total</b>	<b>\$174,900</b>		<b>\$400</b>	<b>\$1,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE**  
**Asset # : 2510**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							
Backwall								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							
Footings								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							
Joint with Deck								
Generic	100%			LIFE			**	
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Recent Repair Evident</i>							
Mat (scour & erosion)								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							
Pedestals								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							
Stem (breastwall)								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%	Now	\$36,300	2033	\$362,800	4	\$4,800	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	100%	0-2	\$51,700	2041	**	4	\$33,900	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Generic	100%			LIFE	**			
Guide Railing								
Concrete	50%	4+	\$7,900	2041	**	4	\$1,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : On West Side</i>								
<i>Explanation : Concrete Guide Rail</i>								
Concrete	50%	Now	\$7,900	2041	**	4	\$1,700	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : 95th Street Approach</i>								
<i>Explanation : Impact Damage. Masonry Guide Rail On East Side</i>								
Steel	100%	0-2	\$3,700	LIFE	**	2-8	\$5,800	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Begin Approach</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE**  
**Asset # : 2510**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%	0-2	\$3,500	2041			**	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : W-95th Street Approach</i>					
			<i>Explanation : Impact Damage</i>					
Steel	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+	\$27,600	2052			**	
			<i>Cracks, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	98%			2052			**	
Gratings								
Steel	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 10%</i>					
			<i>Location : Spans 1 And 3</i>					
			<i>Explanation : Rusted Areas, The Gratings Cover The Air Vents. Vents In Span 3 Are Good</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE**  
**Asset # : 2510**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Guide Railing Concrete	100%			2045	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout East Side</i> <i>Explanation : Missing Joint Mortar. Guide Rail Consists Of Masonry And Is Only On East Side.</i>								
<hr/>								
Mono Deck Surface Concrete	100%	4+	\$41,200	2052	**	5	\$156,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%	4+	\$183,700	2041	**	4	\$30,900	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations On West Side</i> <i>Spalling, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations On West Side</i>								
Masonry	100%	4+	\$46,800	2041	**	5	\$9,900	
<i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations On East Side, Span 1 Through 6</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : East Side, Span 1 Through 6</i> <i>Explanation : Missing Joint/ Mortar</i>								
Steel	100%			LIFE	**	2-8	\$7,600	
<i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout East Side</i> <i>Rust Stains, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout East Side</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			2037	**	5	\$2,700	
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 12 Scuppers Observed</i>								
<hr/>								
<b>Superstructure</b>								
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**  
**HENRY HUDSON PKWY. BRIDGE HENRY HUD PKY/AMTRAK 30 ST LINE**  
**Asset # : 2510**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Generic	5%	4+	\$86,000	LIFE			**	
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Generic	95%			LIFE			**	
	<i>Other Observation, Extent : N/A, Area Affected : 95%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Recent Repair Evident</i>							
Primary Member								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							
Secondary Member								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Tracks</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : HIGHLAND BOULEVARD WB JACKIE ROBINSON PKWY EB ENTRAMP  
**Address** : HIGHLAND BLVD OVER JACKIE ROBINSON PKWY EB ENTRANCE RAMP  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0374.000 / 15392 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,094 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 25-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230020

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$233,600	
<b>Total</b>	<b>\$233,600</b>	
Importance Code A	\$233,600	
<b>Total</b>	<b>\$233,600</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$7,800		\$11,000	
<b>Total</b>	<b>\$7,800</b>		<b>\$11,000</b>	
Importance Code A	\$5,100		\$1,500	
Importance Code C	\$2,700		\$9,500	
<b>Total</b>	<b>\$7,800</b>		<b>\$11,000</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HIGHLAND BOULEVARD WB JACKIE ROBINSON PKWY EB ENTRAMP**  
**Asset # : 15392**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Abutments</i>								
<i>Explanation : Concrete Sidewalk Throughout</i>								
Stem (breastwall)								
Concrete	100%			LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 5%</i>								
<i>Location : North And South End Of Both Abutments</i>								
<i>Explanation : Granite Facing</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE			**	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Joint Mortar Missing/ Eroded</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Steel	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Guide Rail On West Side Of Pier</i>								
Approaches								
Pavement								
Concrete	100%			2042		4	\$18,900	**
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HIGHLAND BOULEVARD WB JACKIE ROBINSON PKWY EB ENTRAMP**  
**Asset # : 15392**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast Corner</i>								
<i>Rust Stains, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Embankment</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<hr/>								
<b>Pavement Base</b>								
Not Accessible	100%							
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%	4+	\$2,700	2042		**	4	\$2,500
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northeast Corner</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Southwest Corner</i>								
<i>Explanation : Vegetation Growth</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Om North Side</i>								
<hr/>								
<b>Piers</b>								
<b>Stem,Solid Pier</b>								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 5%</i>								
<i>Location : North And South End Of Both Abutments</i>								
<i>Explanation : Granite Facing</i>								
<hr/>								
<b>Footings</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Sidewalk On East Side, Asphalt Sidewalk On West Side.</i>								
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HIGHLAND BOULEVARD WB JACKIE ROBINSON PKWY EB ENTRAMP**  
**Asset # : 15392**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout North Side</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2042		**	4	\$2,800
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE		**	2-8	\$6,200
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At The Base Of Railing Posts</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			2038		**	5	\$1,800
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout On North Side</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near Northeast Corner</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$2,700	2042		**	5	\$8,100
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Near West Abutment Joint</i>								
<i>Explanation : Potholes</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
<hr/>								
<b>Primary Member</b>								
Concrete	100%	4+	\$233,600	LIFE		**	5	\$30,400
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 5%</i>								
<i>Location : Over Defect Areas</i>								
<i>Explanation : Primary Member Is Concrete Arch. Covered With Wire Mesh</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPARTMENT OF TRANSPORTATION - 841**  
**HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE**

**Asset # : 13597**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
Backwall Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Both Abutments</i>						
		<i>Explanation : Abutment Is Behind The Station Platform Wall</i>						
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Stem (breastwall) Concrete	100%			LIFE		**		
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Both Abutments</i>						
		<i>Leakage, Extent : Light, Area Affected : 2%</i>						
		<i>Location : West Abutment</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 95%</i>						
		<i>Location : Covered By Platform Wall Throughout</i>						
		<i>Explanation : Limited Access</i>						
Walls Concrete	100%			LIFE		**		
<b>Feature Crossed</b>								
Mat (scour & erosion) Generic	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Railway Tracks Underneath Bridge</i>						
<b>Approaches</b>								
Pavement Concrete	100%			2042		**	4	\$6,000
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Curbs Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Throughout</i>						
Embankment Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
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**  
**HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE**

**Asset # : 13597**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%	4+	\$8,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%	0-2	\$1,300	2042		**	4	\$900
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : At North End</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : At North End</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Railing On North Side Only</i>								
Steel	100%			LIFE		**	2-8	\$2,100
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : North Fascia</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								
Sidewalks								
Concrete	100%			2038		**	5	\$6,600
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$4,500	2042		**	5	\$10,600
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Longitudinal Cracks</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE		**	5	\$12,700
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Covered With Stay In Place Forms</i>								
<i>Explanation : Limited Access</i>								
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rust Stains</i>								
Secondary Member								
Steel	100%			LIFE		**	2-8	\$307,200
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
 HIGHLAWN AVE BRIDGE OVER BMT SEA BEACH LINE  
 Asset # : 13597**

Print Date : 13-Oct-2022      **DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : HOUSTON ST RAMP TO FDR DRIVE NB RELIEF  
 Address : HOUSTON ST & FDR DRIVE NB  
 Borough : MANHATTAN      Agency's Number : N/A  
 Program / Asset # : DOT0359.200 / 15382      Yr Built/Renovated :  
 Area Sq Ft : 7,125      Project Type : HIGHWAY BRIDGES  
 Date of Survey : 15-Mar-2022      Landmark Status : NONE  
 Areas Surveyed :  
 Block :      Lot :      BIN : 223204B

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$7,300		\$7,200	
<b>Total</b>	<b>\$7,300</b>		<b>\$7,200</b>	
Importance Code A	\$3,200		\$5,100	
Importance Code C	\$4,100		\$2,000	
<b>Total</b>	<b>\$7,300</b>		<b>\$7,200</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HOUSTON ST RAMP TO FDR DRIVE NB RELIEF**

**Asset # : 15382**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
		<i>Other Observation, Extent : N/A, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Wingwalls Only At North Abutment</i>						
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 50 Percent Wingwall Is Not Accessible</i>						
Feature Crossed								
Mat (scour & erosion)								
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%			2034	**	4	\$4,100	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Approach Only At North Side</i>						
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2042	**	4	\$2,900	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout On East Side</i>						
Mat (scour & erosion)								
Not Accessible	100%							
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**  
**HOUSTON ST RAMP TO FDR DRIVE NB RELIEF**

**Asset # : 15382**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Concrete	100%			2042	**	4	\$3,200	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Stem,Solid Pier Concrete	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 75 Percent Of Stem Is Not Accessible</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing Concrete	100%			2046	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Mono Deck Surface								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4	\$3,800	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$8,400	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On East Side Only</i>								
<i>Explanation : Chain Link Fence Attached To Steel Railing</i>								
Sidewalks								
Concrete	100%			2038	**	5	\$3,600	
Wearing Surface								
Asphalt	100%			2034	**	5	\$8,100	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : HOUSTON STREET OVER FDR DRIVE  
**Address** : HOUSTON STREET OVER FDR DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0359.000 / 15373 **Yr Built/Renovated** :  
**Area Sq Ft** : 10,951 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 07-Jul-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2232040

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$263,800
<b>Total</b>		<b>\$263,800</b>
Importance Code C		\$263,800
<b>Total</b>		<b>\$263,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure			\$25,700	
<b>Total</b>			<b>\$25,700</b>	
Importance Code A				
Importance Code C			\$25,700	
<b>Total</b>			<b>\$25,700</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**HOUSTON STREET OVER FDR DRIVE**  
**Asset # : 15373**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Abutments</b>							
Bridge Seat&pedestals							
Not Accessible	100%						
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)							
Concrete	100%			LIFE		**	
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>				
			<i>Location : Both Abutments</i>				
<b>Wingwalls</b>							
Footings							
Not Accessible	100%						
Mat (scour & erosion)							
Generic	100%			LIFE		**	
Piles							
Not Accessible	100%						
Walls							
Concrete	100%			LIFE		**	
<b>Feature Crossed</b>							
Mat (scour & erosion)							
Generic	100%			LIFE		**	
Pier Protection							
Concrete	100%			LIFE		**	
<b>Approaches</b>							
Pavement							
Asphalt	100%			2033	\$139,600	4	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>				
			<i>Location : Both Approaches</i>				
Embankment							
Not Accessible	100%						
Mat (scour & erosion)							
Not Accessible	100%						
Pavement Base							
Not Accessible	100%						
<b>Piers</b>							
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**  
**HOUSTON STREET OVER FDR DRIVE**  
**Asset # : 15373**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier,Columns								
Steel	100%			LIFE	**	2-8		
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%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Median								
Concrete	100%			LIFE	**	5	\$800	
Railings/Parapets								
Concrete	100%			2041	**	4		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE	**	2-8		
			<i>Other Observation, Extent : N/A, Area Affected : 60%</i>					
			<i>Location : On Both Sides</i>					
			<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>					
Sidewalks								
Asphalt	100%			2030	\$124,200	4	\$51,500	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : On Both Sides</i>					
			<i>Explanation : Bicycle Tracks Covers 10 Percent Of The Sidewalk</i>					
Concrete	100%			2037	**	5		
Wearing Surface								
Concrete	100%			2041	**	5		
<b>Superstructure</b>								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Prestressed Concrete	100%			LIFE	**			
Box Beam								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : HUGUENOT AVENUE SIRT SOUTH SHORE  
**Address** : HUGUENOT AVE BET HAWLEY AVE AND AMBOY ROAD  
**Borough** : STATEN ISLAND Agency's Number : N/A  
**Program / Asset #** : DOT0261.000 / 15015 Yr Built/Renovated :  
**Area Sq Ft** : 5,468 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 12-Dec-2019 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2249300

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$502,200
<b>Total</b>		<b>\$502,200</b>
Importance Code C		\$502,200
<b>Total</b>		<b>\$502,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$8,600		\$1,400	\$2,200
<b>Total</b>	<b>\$8,600</b>		<b>\$1,400</b>	<b>\$2,200</b>
Importance Code A	\$5,700		\$100	
Importance Code C	\$3,000		\$1,300	\$2,200
<b>Total</b>	<b>\$8,600</b>		<b>\$1,400</b>	<b>\$2,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HUGUENOT AVENUE SIRT SOUTH SHORE**  
**Asset # : 15015**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Buried By Asphalt Wearing Surface</i>						
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		**		
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		**		
Approaches								
Pavement Asphalt	100%			2032	\$443,500	4	\$8,900	
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Curbs Concrete	100%			LIFE		**		
Embankment Earth	100%			LIFE		**		
Mat (scour & erosion) Not Accessible	100%							
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**  
**HUGUENOT AVENUE SIRT SOUTH SHORE**  
**Asset # : 15015**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Steel	100%	4+	\$5,700	LIFE		**		
<i>Damaged Railing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam Not Accessible	100%							
Pier,Columns Not Accessible	100%							
Stem,Solid Pier Not Accessible	100%							
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		**		
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets Steel	100%			LIFE		**	2-8	\$2,400
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence</i>								
Sidewalks Concrete	100%			2036		**	5	\$2,700
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface Asphalt	100%			2032	\$58,700		5	\$4,300
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HUGUENOT AVENUE SIRT SOUTH SHORE**  
**Asset # : 15015**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>	<b>Priority</b>
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>		
Superstructure									
	Primary Member								
	Not Accessible	100%							
<hr/>									
	Secondary Member								
	Not Accessible	100%							
<hr/>									

*Note :* All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK  
**Address** : HUNTS POINT AVE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0183.000 / 13717 **Yr Built/Renovated** : 1908 / 1992  
**Area Sq Ft** : 13,700 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 09-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241190

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$73,600	\$5,100	\$200	
<b>Total</b>	<b>\$73,600</b>	<b>\$5,100</b>	<b>\$200</b>	
Importance Code A	\$2,400		\$200	
Importance Code B	\$33,600			
Importance Code C	\$37,700	\$5,100		
<b>Total</b>	<b>\$73,600</b>	<b>\$5,100</b>	<b>\$200</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK**

**Asset # : 13717**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Underside Of Bridge Throughout</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	17%	Now	\$33,600	LIFE		**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
Generic	83%			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								
Mat (scour & erosion)								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	80%			2041		**	4	\$15,400
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Throughout</i>								
Concrete	20%	Now	\$14,800	2041		**	4	\$10,300
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout And Near Supports</i>								
<i>Spalling, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Adjacent To Joints</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK**

**Asset # : 13717**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$400	LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Embankment</b>								
Earth	100%			LIFE		**		
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		
<hr/>								
<b>Pavement Base</b>								
Not Accessible	100%							
<hr/>								
<b>Railings/Parapets</b>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : South Side Of Bridge</i>								
<i>Explanation : Steel Railing Of One Side Of Bridge Only</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%	Now	\$6,300	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Mono Deck Surface</b>								
Concrete	100%	4+	\$4,300	2052		**	5	\$28,100
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2041		**	4	
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : South Side Only</i>								
<i>Explanation : Concrete With Corrugated Steel Sheeting On South Side. No Parapets Due To Building On North Side.</i>								
Steel	100%	4+	\$2,000	LIFE		**	2-8	\$4,600
<i>Damaged Railing, Extent : Light, Area Affected : 1%</i>								
<i>Location : South Parapet</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$12,300	2037		**	5	\$2,900
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTS POINT AVE. BRIDGE HUNTS POINT AVE./AMTRAK**

**Asset # : 13717**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : HUTCHINSON RIVER PARKWAY BRIDGE  
**Address** : HUTCHINSON RIVER PARKWAY  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0159.000 / 13567 **Yr Built/Renovated** : 1940 /  
**Area Sq Ft** : 15,444 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 16-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241959

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$394,900	\$305,700
<b>Total</b>	<b>\$394,900</b>	<b>\$305,700</b>
Importance Code A	\$394,900	\$305,700
<b>Total</b>	<b>\$394,900</b>	<b>\$305,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$148,700		\$58,900	\$38,400
<b>Total</b>	<b>\$148,700</b>		<b>\$58,900</b>	<b>\$38,400</b>
Importance Code A	\$114,600		\$33,400	
Importance Code C	\$34,100		\$25,500	\$38,400
<b>Total</b>	<b>\$148,700</b>		<b>\$58,900</b>	<b>\$38,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE**  
**Asset # : 13567**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
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)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	1%	4+	\$9,300	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joints Missing, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Abutment West Face</i>								
Concrete	99%			LIFE			**	
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Railroad Tracks</i>								
Approaches								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE**  
**Asset # : 13567**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	60%	4+	\$21,700	2042	**	4	\$51,000	
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Near Joint</i>								
Concrete	40%			2042	**	4	\$51,000	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	100%	4+	\$37,400	LIFE	**	2-8	\$51,300	
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Approach East And West Face</i>								
<i>Explanation : Impact Damage</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	60%	4+	\$10,200	2042	**			
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing/ Eroded Joint Mortar And Misaligned Coping Stones</i>								
Masonry	40%			2042	**			
Steel	100%			LIFE	**			
Sidewalks								
Concrete	30%	4+	\$3,100	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Dirt Accumulation</i>								
Concrete	70%			LIFE	**			
Deck Elements								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE**  
**Asset # : 13567**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At East Side</i>								
<i>Explanation : Only One Side Of The Bridge Has Curbs</i>								
Guide Railing								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At East Side</i>								
<i>Explanation : Only One Side Of The Bridge Has Guide Railings</i>								
Median								
Concrete	100%			LIFE		**	5	\$3,500
Railings/Parapets								
Concrete	100%			2042		**	4	\$2,400
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At West Side</i>								
<i>Explanation : One Side Of The Bridge Has Concrete Parapets</i>								
Steel	100%	4+	\$14,200	LIFE		**	2-8	\$6,700
<i>Corrosion, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%			2038		**	5	\$2,700
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout On West Side</i>								
<i>Explanation : Dirt Accumulation</i>								
Wearing Surface								
Concrete	100%			2042		**	5	\$76,800
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Steel	92%			LIFE		**	2-8	\$489,400
Steel	8%	4+	\$242,000	LIFE		**	2-8	\$285,500
<i>Corrosion, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : KANE STREET 278I (B.Q.E.)  
 Address : KANE ST OVER BKLYN QNS EXPWY BET. HENRY ST & COLUMBIA ST  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : DOT0303.000 / 15061 Yr Built/Renovated : 1952 /  
 Area Sq Ft : 4,920 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 05-Nov-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2230380

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$475,700
<b>Total</b>		<b>\$475,700</b>
Importance Code C		\$475,700
<b>Total</b>		<b>\$475,700</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$35,100		\$1,800	
<b>Total</b>	<b>\$35,100</b>		<b>\$1,800</b>	
Importance Code A			\$100	
Importance Code B	\$22,700			
Importance Code C	\$12,400		\$1,700	
<b>Total</b>	<b>\$35,100</b>		<b>\$1,800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**KANE STREET 278I (B.Q.E.)**  
**Asset # : 15061**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%	Now	\$22,700	LIFE			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Brick Veneer	100%	4+	\$2,700	LIFE			**	
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Feature Crossed</b>								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Asphalt	100%			2032	\$475,700	4	\$9,900	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Approach</i>								
Embankment								
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.



Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 09-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241169

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$356,300
<b>Total</b>		<b>\$356,300</b>
Importance Code A		\$237,500
Importance Code B		\$118,800
<b>Total</b>		<b>\$356,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$43,100		\$35,900	
<b>Total</b>	<b>\$43,100</b>		<b>\$35,900</b>	
Importance Code A	\$13,800		\$24,000	
Importance Code B			\$11,900	
Importance Code C	\$29,300			
<b>Total</b>	<b>\$43,100</b>		<b>\$35,900</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK**

**Asset # : 13715**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
	<i>Location : Underside Of Bridge Throughout</i>							
	<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
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								
Mat (scour & erosion)								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%	4+	\$11,700	2041		**	4	\$25,700
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Both Approaches</i>							
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
	<i>Rust Stains, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Random Locations Throughout</i>							
Embankment								
Earth	100%			LIFE		**		
Guide Railing								
Concrete	100%			2041		**	4	
	<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK**

**Asset # : 13715**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Median								
Concrete	100%			LIFE		**	5	
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : West Side</i>					
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Sidewalks								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Scupper								
Cast Iron	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 3 Scuppers Observed</i>					
<b>Deck Elements</b>								
Guide Railing								
Concrete	100%			2045		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Median								
Concrete	100%			LIFE		**	5	\$2,800
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Mono Deck Surface								
Concrete	100%	4+	\$6,600	2052		**	5	\$33,400
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LAFAYETTE AVE. BRIDGE LAFAYETTE AVE./AMTRAK**

**Asset # : 13715**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets Concrete	100%	4+	\$9,600	2041	**	4	\$5,400	
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : North Parapet</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Parapets Are Concrete With Corrugated Metal Sheeting</i>								
Steel	100%			LIFE	**	2-8	\$5,400	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$11,000	2037	**	5	\$5,000	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
<hr/>								
<b>Primary Member</b>								
Steel	99%			LIFE	**	2-8	\$221,800	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 20%</i>								
<i>Location : Below Portion Of Truss</i>								
<i>Explanation : 20 Percent Of Truss Not Accessible</i>								
Steel	1%	4+	\$4,200	LIFE	**	2-8	\$221,800	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : South Truss</i>								
<i>Explanation : Impact Damage</i>								
<hr/>								
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$185,800	
<i>Other Observation, Extent : N/A, Area Affected : 20%</i>								
<i>Location : Below Portion Of Truss</i>								
<i>Explanation : 20 Percent Of Truss Not Accessible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : LEFFERTS BLVD. LIRR MAIN LINE  
**Address** : LEFFERTS BLVD BET. AUDLEY STREET AND AUSTIN STREET  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0272.000 / 15026 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,280 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 01-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247240

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$52,300
<b>Total</b>		<b>\$52,300</b>
Importance Code A		\$52,300
<b>Total</b>		<b>\$52,300</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$14,300		\$7,700	
<b>Total</b>	<b>\$14,300</b>		<b>\$7,700</b>	
Importance Code A			\$5,200	
Importance Code B			\$300	
Importance Code C	\$14,300		\$2,200	
<b>Total</b>	<b>\$14,300</b>		<b>\$7,700</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**LEFFERTS BLVD. LIRR MAIN LINE**  
**Asset # : 15026**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			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	**			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pier Protection								
Concrete	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2040	**	4	\$23,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
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**  
**LEFFERTS BLVD. LIRR MAIN LINE**  
**Asset # : 15026**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Concrete Encased Steel	100%			LIFE	**	5	\$13,700	
Pier,Columns								
Concrete Encased Steel	100%			LIFE	**	5	\$700	
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Steel	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Sidewalks								
Concrete	100%			2036	**	5	\$4,300	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	Now	\$6,600	2040	**	5	\$9,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$97,600	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$4,900	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : LIBERTY AVENUE LIRR BAY RIDGE  
**Address** : LIBERTY AVENUE BET JUNIUS STREET & VAN SINDEREN AVENUE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0298.000 / 15056 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,688 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 03-Feb-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243850

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$200,500
<b>Total</b>		<b>\$200,500</b>
Importance Code C		\$200,500
<b>Total</b>		<b>\$200,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$2,800		\$2,400	\$2,800
<b>Total</b>	<b>\$2,800</b>		<b>\$2,400</b>	<b>\$2,800</b>
Importance Code A	\$1,800		\$200	
Importance Code C	\$1,000		\$2,200	\$2,800
<b>Total</b>	<b>\$2,800</b>		<b>\$2,400</b>	<b>\$2,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIBERTY AVENUE LIRR BAY RIDGE**  
**Asset # : 15056**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Buried By Asphalt Wearing Surface</i>						
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Asphalt	100%			2032	\$133,600	4	\$3,000	
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Embankment								
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**  
**LIBERTY AVENUE LIRR BAY RIDGE**  
**Asset # : 15056**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE  
 Address : ATLANTIC AVE,EASTERN-GEORGIA  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : DOT0065.000 / 2490 Yr Built/Renovated : 1942 /  
 Area Sq Ft : 135,162 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 03-Feb-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2243569

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$377,100	\$4,303,900
<b>Total</b>	<b>\$377,100</b>	<b>\$4,303,900</b>
Importance Code A		\$1,589,000
Importance Code B	\$55,600	\$1,425,700
Importance Code C	\$321,500	\$1,289,200
<b>Total</b>	<b>\$377,100</b>	<b>\$4,303,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$44,400		\$277,100	
<b>Total</b>	<b>\$44,400</b>		<b>\$277,100</b>	
Importance Code A	\$34,900		\$134,200	
Importance Code B			\$143,000	
Importance Code C	\$9,600			
<b>Total</b>	<b>\$44,400</b>		<b>\$277,100</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE**  
**Asset # : 2490**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Eastbound Lanes</i>					
			<i>Explanation : Under Construction</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%	4+	\$3,100	LIFE			**	
			<i>Cracks, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Brownstone/ Sandstone Facade</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Approaches								
Pavement								
Asphalt	100%			2032	\$967,700	4	\$19,300	
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Eastbound Lanes</i>					
			<i>Explanation : Under Construction</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE**  
**Asset # : 2490**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Eastbound Lanes</i>								
<i>Explanation : Under Construction</i>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Eastbound Lanes</i>								
<i>Explanation : Under Construction</i>								
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 88 Scuppers</i>								
Piers								
Pier,Columns								
Concrete	100%			LIFE	**			
Steel	95%			LIFE	**	2-8	\$126,500	
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Peeling Paint And Minor Pitting</i>								
Steel	5%	4+	\$55,600	LIFE	**	2-8	\$126,500	
<i>Corrosion, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Base Of Columns</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$56,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR BUSHWICK DIVISION BRIDGE ATLANTIC AVE/LIRR ATLANTIC AVE**  
**Asset # : 2490**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Railings/Parapets Concrete	100%			2040	**	4	\$104,600	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Eastbound Lanes</i>								
<i>Explanation : Under Construction</i>								
Wearing Surface Concrete	100%			2040	**	5	\$643,000	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Eastbound Lanes</i>								
<i>Explanation : Under Construction</i>								
Scupper Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 96 Scuppers</i>								
<b>Superstructure</b>								
Deck, Structural Concrete	100%			LIFE	**	5	\$194,700	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Eastbound Lanes</i>								
<i>Explanation : Under Construction</i>								
Joints Generic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Eastbound Lanes</i>								
<i>Explanation : Under Construction</i>								
Primary Member Steel	100%			LIFE	**	2-8	\$2,498,700	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Joints Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : In Masonry Joints</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Eastbound Lanes</i>								
<i>Explanation : Under Construction</i>								
Secondary Member Steel	100%			LIFE	**	2-8	\$2,093,200	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Eastbound Lanes</i>								
<i>Explanation : Under Construction</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 19-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247640

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$220,900	\$499,900
<b>Total</b>	<b>\$220,900</b>	<b>\$499,900</b>
Importance Code C	\$220,900	\$499,900
<b>Total</b>	<b>\$220,900</b>	<b>\$499,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$100,300		\$3,400	
<b>Total</b>	<b>\$100,300</b>		<b>\$3,400</b>	
Importance Code A	\$37,000		\$1,100	
Importance Code C	\$63,300		\$2,400	
<b>Total</b>	<b>\$100,300</b>		<b>\$3,400</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/ AMTRAK, LIRR YARD**  
**Asset # : 2498**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Abutments</b>							
Bridge Seat&pedestals							
Not Accessible	100%						
Backwall							
Not Accessible	100%						
Brngs,Ancr Blts,Pads							
Not Accessible	100%						
Footings							
Not Accessible	100%						
Joint with Deck							
Generic	100%			LIFE			**
			<i>Leakage, Extent : Light, Area Affected : 10%</i>				
			<i>Location : Both Abutments</i>				
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>				
			<i>Location : North Abutment</i>				
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>				
			<i>Location : North Abutment</i>				
			<i>Explanation : Debris Buildup</i>				
Mat (scour & erosion)							
Riprap	100%			LIFE			**
Pedestals							
Not Accessible	100%						
Stem (breastwall)							
Not Accessible	100%						
<b>Wingwalls</b>							
Footings							
Not Accessible	100%						
Mat (scour & erosion)							
Riprap	100%			LIFE			**
Piles							
Not Accessible	100%						
Walls							
Not Accessible	100%						
<b>Feature Crossed</b>							
Mat (scour & erosion)							
Earth	100%			LIFE			**
Pier Protection							
Not Accessible	100%						
<b>Approaches</b>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/ AMTRAK, LIRR YARD**

**Asset # : 2498**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	100%	4+	\$50,000	2032	\$499,900	4	\$9,600	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	100%	4+	\$129,900	2040	**	4	\$36,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$5,500	LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<b>Embankment</b>								
Not Accessible	100%							
<b>Guide Railing</b>								
Steel	100%			LIFE	**	2-8	\$9,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Northeast Quadrant Of Bridge</i>								
<i>Explanation : Only At Northeast Quadrant</i>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Concrete	100%			2040	**	4		
Steel	100%			LIFE	**			
<b>Sidewalks</b>								
Concrete	100%	4+	\$6,200	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 1 Scupper</i>								
<b>Piers</b>								
<b>Cap Beam</b>								
Not Accessible	100%							
<b>Pier,Columns</b>								
Not Accessible	100%							
<b>Stem,Solid Pier</b>								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE 39 ST(SOUTH)/ AMTRAK, LIRR YARD**  
**Asset # : 2498**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$31,500	LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<b>Mono Deck Surface</b>								
Concrete	80%			2051	**	5	\$4,800	
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : East Deck Element</i>								
<i>Explanation : Not Accessible</i>								
Concrete	20%	4+	\$400	2051	**	5	\$2,400	
<i>Cracks, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Transverse Cracks Throughout</i>								
<b>Railings/Parapets</b>								
Concrete	100%			2040	**	4		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Peeling Paint And Graffiti</i>								
Steel	100%			LIFE	**	2-8	\$22,300	
<b>Sidewalks</b>								
Concrete	100%	4+	\$91,000	2036	**	5	\$10,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : At Interface With Curb</i>								
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : East Sidewalk</i>								
<i>Explanation : Not Accessible</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Debris Filled; 6 Total Scuppers</i>								

**Superstructure**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**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
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	100%	Now	\$6,700	LIFE				**
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>					
			<i>Location : Middle Joint</i>					
			<i>Leakage, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Both Abutments</i>					
			<i>Misaligned/Bulging, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Middle Joint</i>					
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 19-Nov-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2247330

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$893,700	\$2,108,100
<b>Total</b>	<b>\$893,700</b>	<b>\$2,108,100</b>
Importance Code C	\$893,700	\$2,108,100
<b>Total</b>	<b>\$893,700</b>	<b>\$2,108,100</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$12,600		\$2,400	
<b>Total</b>	<b>\$12,600</b>		<b>\$2,400</b>	
Importance Code A	\$11,500		\$2,400	
Importance Code C	\$1,100			
<b>Total</b>	<b>\$12,600</b>		<b>\$2,400</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS**  
**Asset # : 2497**

Bridge Structure System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Abutments							
Bridge Seat&pedestals							
Not Accessible	100%						
Backwall							
Not Accessible	100%						
Brngs,Ancr Blts,Pads							
Not Accessible	100%						
Footings							
Not Accessible	100%						
Joint with Deck							
Generic	100%			LIFE		**	
			<i>Leakage, Extent : Light, Area Affected : 10%</i>				
			<i>Location : Both Abutments</i>				
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>				
			<i>Location : Random Locations Throughout</i>				
Mat (scour & erosion)							
Earth	100%			LIFE		**	
Riprap	100%			LIFE		**	
Pedestals							
Not Accessible	100%						
Stem (breastwall)							
Not Accessible	100%						
Wingwalls							
Footings							
Not Accessible	100%						
Mat (scour & erosion)							
Riprap	100%			LIFE		**	
Piles							
Not Accessible	100%						
Walls							
Not Accessible	100%						
Feature Crossed							
Bank Protection							
Not Accessible	100%						
Mat (scour & erosion)							
Not Accessible	100%						
Pier Protection							
Not Accessible	100%						
Approaches							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS**  
**Asset # : 2497**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%	4+	\$167,100	2032	\$1,671,300	4	\$19,200	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Joint At South Abutment</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : South Approach</i>								
<i>Explanation : Failing Patch</i>								
Concrete	100%	4+	\$109,200	2040	**	4	\$30,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Riprap	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4		
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$89,300	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 1 Scupper</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE 39 STREET(NORTH)/SUNNYSIDE YARDS**  
**Asset # : 2497**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Corrosion, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Throughout</i>					
Mono Deck Surface								
Concrete	20%	4+	\$66,600	2051		**	5	\$218,400
			<i>Cracks, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Transverse Cracks</i>					
			<i>Spalling, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	80%			2051		**	5	\$436,800
Railings/Parapets								
Concrete	100%			2040		**	4	\$34,600
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE		**	2-8	\$68,000
Sidewalks								
Concrete	100%	4+	\$243,100	2036		**	5	\$28,800
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : At Interface With Curb</i>					
Scupper								
Cast Iron	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 10 Total</i>					
<b>Superstructure</b>								
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**  
**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
Superstructure								
Joints								
Generic	90%			LIFE				* *
			<i>Leakage, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Both Abutments</i>					
			<i>Misaligned/Bulging, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Debris Collecting In Joints</i>					
Generic	10%	2-4	\$1,100	LIFE				* *
			<i>Misaligned/Bulging, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : One Joint Along Structure</i>					
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 10-Mar-2022 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2247320

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$207,900	\$12,948,000
<b>Total</b>	<b>\$207,900</b>	<b>\$12,948,000</b>
Importance Code C	\$207,900	\$12,948,000
<b>Total</b>	<b>\$207,900</b>	<b>\$12,948,000</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$146,200		\$10,600	
<b>Total</b>	<b>\$146,200</b>		<b>\$10,600</b>	
Importance Code A	\$42,000		\$2,400	
Importance Code B	\$5,600			
Importance Code C	\$98,600		\$8,200	
<b>Total</b>	<b>\$146,200</b>		<b>\$10,600</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK, LIRR YARD**  
**Asset # : 2496**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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	2%	4+	\$5,600	LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : North Side</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : North Side</i>					
Generic	98%			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								
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Railroad Tracks</i>					
Approaches								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK, LIRR YARD**  
**Asset # : 2496**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	16%	4+	\$20,200	2034	**	4	\$16,300	
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Asphalt	84%			2034	**	4	\$16,300	
Concrete	100%	4+	\$7,300	2042	**	4	\$10,300	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : South Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : South Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4		
Steel	100%			LIFE	**			
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%			2042	**	4		
Steel	100%			LIFE	**	2-8	\$108,900	

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**  
**LIRR, AMT, CON NE BRIDGE HONEYWELL ST/AMTRAK, LIRR YARD**  
**Asset # : 2496**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	5%	4+	\$13,400	2038	**	5	\$31,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	95%			2028	\$5,084,100	5	\$63,400	
Wearing Surface								
Concrete	15%	4+	\$26,100	2042	**	5	\$207,900	
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 2%</i>								
<i>Location : South Side</i>								
<i>Explanation : Asphalt Patches</i>								
Concrete	85%			2029	\$7,384,600	5	\$415,800	
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total Of 6 Scuppers</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	**			
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 10-Mar-2022 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2247310

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$5,236,100
<b>Total</b>		<b>\$5,236,100</b>
Importance Code A		\$2,551,800
Importance Code C		\$2,684,300
<b>Total</b>		<b>\$5,236,100</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$94,800		\$1,600	
<b>Total</b>	<b>\$94,800</b>		<b>\$1,600</b>	
Importance Code A	\$41,100		\$1,600	
Importance Code C	\$53,700			
<b>Total</b>	<b>\$94,800</b>		<b>\$1,600</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK AND LIRR YARD**  
**Asset # : 2495**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Railroad Tracks</i>					
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Concrete	100%			2042			**	4
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**  
**LIRR, AMT, CON NE BRIDGE QUEENS BLVD/AMTRAK AND LIRR YARD**  
**Asset # : 2495**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$4,300	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Settlement, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Northeast Electrical Box</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
Guide Railing								
Concrete	20%	4+	\$12,800	2046	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	80%			2031	\$2,551,800			
Steel	100%			LIFE	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$73,400	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Chain-link Fence And Steel Panel</i>					
Sidewalks								
Concrete	25%	4+	\$17,900	2038	**	5	\$21,200	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	75%			2028	\$2,684,300	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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	100%			2042		**	5	
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Scupper								
Cast Iron	11%			LIFE		**		
	<i>Drains Clogged, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Total Of 24 Scuppers</i>							
Cast Iron	89%			LIFE		**		
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	100%	4+	\$10,300	LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Depressed Seal With Dirt And Debris</i>							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 10-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2247300

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$64,800		\$159,000	\$14,700
<b>Total</b>	<b>\$64,800</b>		<b>\$159,000</b>	<b>\$14,700</b>
Importance Code A	\$40,400		\$37,000	
Importance Code C	\$24,400		\$121,900	\$14,700
<b>Total</b>	<b>\$64,800</b>		<b>\$159,000</b>	<b>\$14,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD**

**Asset # : 2494**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
Bridge Seat&pedestals								
Not Accessible	100%							
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Railroad Tracks</i>					
<b>Approaches</b>								
Pavement								
Concrete	5%	4+	\$8,600	2042		**	4	\$243,900
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	95%			2042		**	4	\$243,900

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**  
**LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD**

**Asset # : 2494**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	30%			LIFE	**			
		<i>Rust Stains, Extent : Light, Area Affected : 70%</i>						
		<i>Location : Random Locations Throughout</i>						
Concrete w/ Steel Face	70%			LIFE	**			
<b>Embankment</b>								
Earth	100%			LIFE	**			
<b>Guide Railing</b>								
Concrete	100%			2042	**	4	\$45,300	
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Concrete	100%			2042	**	4	\$800	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Steel	100%			LIFE	**			
<b>Sidewalks</b>								
Concrete	4%	4+	\$5,900	LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Concrete	96%			LIFE	**			
<b>Piers</b>								
<b>Cap Beam</b>								
Not Accessible	100%							
<b>Pier,Columns</b>								
Not Accessible	100%							
<b>Stem,Solid Pier</b>								
Not Accessible	100%							
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pedestals</b>								
Not Accessible	100%							
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
		<i>Rust Stains, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Curb Located On North Side Only, Stains At Random Locations Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LIRR, AMT, CON NE BRIDGE THOMSON AVE/AMTRAK YARD**

**Asset # : 2494**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Guide Railing Concrete	100%			2046		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : South Side</i>								
<i>Explanation : Concrete Barrier Acting As Guide Rail</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2042		**	4	\$23,400
Steel	95%			LIFE		**	2-8	\$52,400
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Solid Vertical Panels</i>								
<hr/>								
Steel	5%			LIFE		**	2-8	\$52,400
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Northwest</i>								
<i>Explanation : Chain Link Fence</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			2038		**	5	\$30,300
<hr/>								
<b>Wearing Surface</b>								
Concrete	8%	4+	\$9,900	2042		**	5	\$14,700
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Asphalt Patches</i>								
<hr/>								
Concrete	92%			2042		**	5	\$29,500
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
<hr/>								
<b>Joints</b>								
Generic	100%			LIFE		**		
<hr/>								
<b>Primary Member</b>								
Not Accessible	100%							
<hr/>								
<b>Secondary Member</b>								
Not Accessible	100%							
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD  
**Address** : WOODHAVEN BLVD  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0002.000 / 2461 **Yr Built/Renovated** : 1955 / 2006  
**Area Sq Ft** : 25,288 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 10-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2066002

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$720,100	\$2,119,700
<b>Total</b>	<b>\$720,100</b>	<b>\$2,119,700</b>
Importance Code A	\$322,400	\$250,300
Importance Code B	\$250,300	\$250,300
Importance Code C	\$147,400	\$1,619,200
<b>Total</b>	<b>\$720,100</b>	<b>\$2,119,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$249,200		\$50,200	
<b>Total</b>	<b>\$249,200</b>		<b>\$50,200</b>	
Importance Code A	\$120,100		\$25,100	
Importance Code B	\$87,500		\$25,100	
Importance Code C	\$41,700			
<b>Total</b>	<b>\$249,200</b>		<b>\$50,200</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD**  
**Asset # : 2461**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
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+	\$6,500	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : East Abutment</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : West Abutment</i>					
Brngs,Ancr Blts,Pads								
Generic	100%			LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%	4+	\$15,500	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Granite	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Northwest Corner</i>					
			<i>Explanation : Granite Stone Wall</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	8%	4+	\$9,100	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : East Abutment</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Northwest Corner</i>					
			<i>Explanation : Brick Facing</i>					
Concrete	92%			LIFE		**		
Feature Crossed								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD**  
**Asset # : 2461**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%	4+	\$26,000	2042	**	4	\$38,500	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4		
Piers								
Stem,Solid Pier								
Concrete	6%	4+	\$26,400	LIFE	**			
			<i>Cracks, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : East Face Of Pier</i>					
Concrete	94%			LIFE	**			
Brngs,Ancr Blts,Pads								
Generic	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$23,500	
Railings/Parapets								
Concrete	100%			2042	**	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**  
**LONG ISLAND EXPWY BRIDGE LONG ISLAND EXPWY/WOODHAVEN BLVD**  
**Asset # : 2461**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	50%	4+	\$73,600	2042	**	5	\$73,800	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Concrete	50%			2029	\$1,471,500	5	\$147,700	
Superstructure								
Deck, Structural								
Concrete	57%	4+	\$72,100	LIFE	**	5	\$24,800	
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Fascia Overhangs And Light Blister</i>							
	<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Underside Of Stay-in-place Forms</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : All Bays Except The Center Bay And Fascia Bays</i>							
	<i>Explanation : Covered By Stay-in-place Forms, Some Corroded Areas With Efflorescence</i>							
Concrete	43%			LIFE	**	5	\$49,700	
Primary Member								
Steel	100%			LIFE	**	2-8	\$801,300	
	<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
Secondary Member								
Steel	100%			LIFE	**	2-8	\$687,500	
	<i>Rust Stains, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 09-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241159

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$81,200		\$31,700	
<b>Total</b>	<b>\$81,200</b>		<b>\$31,700</b>	
Importance Code A	\$5,500		\$200	
Importance Code B	\$34,900			
Importance Code C	\$40,800		\$31,500	
<b>Total</b>	<b>\$81,200</b>		<b>\$31,700</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LONGWOOD AVE. BRIDGE**  
**Asset # : 13714**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Underside Of Bridge Throughout</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	Now	\$34,900	LIFE			**	
<i>Loose Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Abutments</i>								
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Both Abutments</i>								
<i>Explanation : Deteriorated Joint Membrane</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Approaches								
Pavement								
Concrete	100%	4+	\$19,000	2041		**	4	\$41,600
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Abutments</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LONGWOOD AVE. BRIDGE**  
**Asset # : 13714**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041		**	4	
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Consists Of 50 Percent Concrete And 50 Percent Metal Fence</i>								
<i>Explanation : Both Approaches</i>								
Steel	100%			LIFE		**		
Sidewalks								
Concrete	100%	4+	\$6,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast Approach</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**LONGWOOD AVE. BRIDGE**  
**Asset # : 13714**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets Concrete	100%	4+	\$5,500	2041	**	4	\$3,100	
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : North Parapet</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Both Sides</i> <i>Explanation : Parapet Is Concrete With Corrugated Steel</i>								
Steel	100%			LIFE	**	2-8	\$4,300	
Sidewalks								
Concrete	100%	4+	\$8,600	2037	**	5	\$3,900	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	4%	4+	\$6,800	2041	**	5	\$31,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
Concrete	96%			2041	**	5	\$63,100	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : MANHATTAN COLLEGE PARKWAY HENRY HUDSON PARKWAY  
**Address** : MANHATTAN COLLEGE PARKWAY & HENRY HUDSON PKWY  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0368.000 / 15386 Yr Built/Renovated :  
**Area Sq Ft** : 5,010 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 22-Mar-2022 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2229480

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$20,200		\$200	
<b>Total</b>	<b>\$20,200</b>		<b>\$200</b>	
Importance Code A	\$16,300		\$200	
Importance Code C	\$3,900			
<b>Total</b>	<b>\$20,200</b>		<b>\$200</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**MANHATTAN COLLEGE PARKWAY HENRY HUDSON PARKWAY**  
**Asset # : 15386**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE		**		
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Pier Protection								
Concrete	100%			LIFE		**		
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 60%</i>					
			<i>Location : Random Locations Throughout</i>					
Guide Railing								
Steel	100%			LIFE		**		
Timber	100%	4+	\$5,300	2053		**		
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Bottom Of Timber Railing - North Railing</i>					
			<i>Loss of Section, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**MANHATTAN COLLEGE PARKWAY HENRY HUDSON PARKWAY**  
**Asset # : 15386**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Granite	10%	4+	\$1,600	LIFE	**			
	<i>Joints Missing, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
Granite	90%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$10,200	
Sidewalks								
Concrete	100%			2038	**	5	\$2,200	
	<i>Cracks, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random Locations Throughout</i>							
Wearing Surface								
Concrete	100%	4+	\$3,900	2042	**	5	\$11,500	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Right Side</i>							
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$11,000	
	<i>Cracks, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random Locations Throughout In All Spans</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random Locations Throughout In All Spans</i>							
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout In All Spans</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 09-Nov-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2241560

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$156,900		\$400	\$16,200
<b>Total</b>	<b>\$156,900</b>		<b>\$400</b>	<b>\$16,200</b>
Importance Code A	\$5,700		\$400	
Importance Code C	\$151,200			\$16,200
<b>Total</b>	<b>\$156,900</b>		<b>\$400</b>	<b>\$16,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR**  
**Asset # : 2481**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Underside Of Bridge Throughout</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>								
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Debris At Joint</i>								
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		**		
<b>Feature Crossed</b>								
Mat (scour & erosion) Generic	100%			LIFE		**		
Pier Protection Concrete	100%			LIFE		**		
<b>Approaches</b>								
Pavement Concrete	100%	4+	\$47,100	2041		**	4	\$30,800
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : West Approach North Side</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR**  
**Asset # : 2481**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$5,700	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 75%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Side And West Side Of North Approach</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
Sidewalks								
Concrete	15%	4+	\$2,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southeast Sidewalk</i>								
Concrete	85%			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)								
Generic	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 80%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**METRO NORTH BRIDGE E 149 ST/METRO NORTH RR HAR**  
**Asset # : 2481**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$11,900
		<i>Rust Stains, Extent : Light, Area Affected : 75%</i>						
		<i>Location : Random Locations Throughout</i>						
<hr/>								
<b>Sidewalks</b>								
Concrete	5%	4+	\$23,500	2037		**	5	\$16,200
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Concrete	95%			2037		**	5	\$32,400
<hr/>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$35,200	2041		**	5	\$48,900
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Near West Approach</i>						
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
<hr/>								
<b>Joints</b>								
Generic	100%	0-2	\$43,000	LIFE		**		
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Deteriorated Filler, Only One Joint At Span 5.</i>						
<hr/>								
<b>Primary Member</b>								
Not Accessible	100%							
<hr/>								
<b>Secondary Member</b>								
Not Accessible	100%							
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 26-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241890

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,396,400	\$2,343,000
<b>Total</b>	<b>\$1,396,400</b>	<b>\$2,343,000</b>
Importance Code A	\$387,600	\$813,000
Importance Code B	\$360,100	\$899,700
Importance Code C	\$648,700	\$630,300
<b>Total</b>	<b>\$1,396,400</b>	<b>\$2,343,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$139,200		\$166,000	
<b>Total</b>	<b>\$139,200</b>		<b>\$166,000</b>	
Importance Code A	\$8,600		\$75,800	
Importance Code B	\$49,600		\$90,200	
Importance Code C	\$81,000			
<b>Total</b>	<b>\$139,200</b>		<b>\$166,000</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR**  
**Asset # : 2483**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$8,400	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Abutment</i>								
Backwall Concrete	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Abutment</i>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	2-4	\$49,600	LIFE		**		
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Damaged Joint Membrane</i>								
Mat (scour & erosion) Generic	100%			LIFE		**		
Pedestals Concrete	100%			LIFE		**		
Stem (breastwall) Concrete	100%	4+	\$360,100	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : East Abutment</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Abutment</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) 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**  
**METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR**  
**Asset # : 2483**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%	4+	\$457,700	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Abutment</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Abutment</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : West Abutment</i>								
Feature Crossed								
Bank Protection								
Generic	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Stream</i>								
<i>Explanation : Earth</i>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt, Stream, Rail, Concrete, And Earth</i>								
Pier Protection								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Piers</i>								
<i>Explanation : Cracking And Rust Stains. Concrete Crash Wall Observed Throughout.</i>								
Approaches								
Pavement								
Asphalt	100%	2-4	\$21,000	2032	\$421,000	4	\$5,100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West End</i>								
<i>Explanation : Bulging And Uneven Driving Surface</i>								
Concrete	100%	2-4	\$13,100	2040		4	\$18,500	**
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West End</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
<i>Corrosion, Extent : Light, Area Affected : 75%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	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**  
**METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR**

**Asset # : 2483**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
		<i>Damaged Railing, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Northwest Corner</i>						
Sidewalks								
Concrete	100%	4+	\$3,700	LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Northwest Side</i>						
Scupper								
Cast Iron	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 3 Scuppers</i>						
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$579,000	
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Pigeon Debris</i>						
Pier,Columns								
Concrete	100%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$1,179,800	
Stem,Solid Pier								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Steel	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR**  
**Asset # : 2483**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	99%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 75%</i>								
<i>Location : Steel Facing</i>								
Concrete w/ Steel Face	1%	Now	\$100	LIFE	**			
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Northeast Corner Abutment</i>								
<b>Railings/Parapets</b>								
Steel	100%			LIFE	**	2-8	\$42,300	
<b>Sidewalks</b>								
Concrete	100%	4+	\$100,900	2036	**	5	\$11,900	
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Light Random Map Cracking</i>								
<i>Spalling, Extent : Light, Area Affected : 75%</i>								
<i>Location : Throughout - Primarily Around Curbs And Staircases</i>								
<b>Wearing Surface</b>								
Concrete	98%	4+	\$85,700	2040	**	5	\$104,700	
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	2%	Now	\$4,400	2040	**	5	\$104,700	
<i>Spalling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Failing Patches Near Center Of Bridge</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%	4+	\$387,600	LIFE	**	5	\$72,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Construction Joint At Center Bay</i>								
<i>Efflorescence, Extent : Light, Area Affected : 20%</i>								
<i>Location : Light Random Cracks With Efflorescence Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Joints</b>								
Generic	100%	2-4	\$43,100	LIFE	**			
<i>Misaligned/Bulging, Extent : Light, Area Affected : 30%</i>								
<i>Location : Numerous Joint Fillers Are Bulging And Failed</i>								
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8	\$915,100	
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
METRO NORTH BRIDGE E 241 ST/BRCP, METRO NORTH HAR**

**Asset # : 2483**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure Secondary Member Steel	100%			LIFE	**	2-8	\$766,600	
<p align="center"><i>Corrosion, Extent : Light, Area Affected : 1% Location : Random Locations Throughout</i></p>								

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : METROPOLITAN AVENUE LIRR - NY&ATL  
**Address** : METROPOLITAN AVE BET. 62ND ST. AND FRESH POND ROAD  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0275.000 / 15029 **Yr Built/Renovated** : 1915 /  
**Area Sq Ft** : 15,184 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 01-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 1247560

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$73,100			
<b>Total</b>	<b>\$73,100</b>			
Importance Code A	\$6,400			
Importance Code C	\$66,700			
<b>Total</b>	<b>\$73,100</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**METROPOLITAN AVENUE LIRR - NY&ATL**  
**Asset # : 15029**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : No Access To Railroad Property Underneath</i>							
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
Walls Not Accessible	100%							
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Piles Not Accessible	100%							
Walls Not Accessible	100%							
<b>Feature Crossed</b>								
Bank Protection Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Pier Protection Not Accessible	100%							
<b>Approaches</b>								
Pavement Concrete	100%			2040	**	4	\$115,300	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Recently Replaced</i>							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**METROPOLITAN AVENUE LIRR - NY&ATL**  
**Asset # : 15029**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recently Replaced</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	0-2	\$4,300	2040		**	4	\$1,800
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Adjacent To Metropolitan Avenue</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**METROPOLITAN AVENUE LIRR - NY&ATL**  
**Asset # : 15029**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets Concrete	100%	0-2	\$2,100	2040	**	4	\$900	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
Sidewalks Concrete	100%			2039	**	5	\$5,900	
<i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i> <i>Location : Adjacent To Metropolitan Avenue</i>								
Wearing Surface Concrete	100%			2044	**	5	\$50,600	
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural Not Accessible	100%							
Primary Member Not Accessible	100%							
Secondary Member Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 13-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2257569

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$5,378,700	\$8,851,500
<b>Total</b>	<b>\$5,378,700</b>	<b>\$8,851,500</b>
Importance Code A	\$4,862,600	\$5,817,600
Importance Code B		\$3,033,800
Importance Code C	\$516,100	
<b>Total</b>	<b>\$5,378,700</b>	<b>\$8,851,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$55,400		\$812,800	
<b>Total</b>	<b>\$55,400</b>		<b>\$812,800</b>	
Importance Code A	\$55,400		\$508,600	
Importance Code B			\$304,300	
<b>Total</b>	<b>\$55,400</b>		<b>\$812,800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN**  
**Asset # : 4177**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piers								
Pier,Columns								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE		**	2-8	\$1,487,500
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Throughout</i>					
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%			2040		**	4	\$166,300
Wearing Surface								
Concrete	100%			2040		**	5	
Scupper								
Cast Iron	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Deck</i>					
			<i>Explanation : 204 Scuppers</i>					
Superstructure								
Deck,Structural								
Concrete	98%			LIFE		**	5	\$373,200
Concrete	2%			LIFE		**	5	\$373,200
			<i>Corrosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Corrosion To Stay In Place Forms In Several Bays</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**MILLER HIGHWAY BRIDGE MILLER HIGHWAY/TERRAIN**  
**Asset # : 4177**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Generic	100%	4+	\$516,100	LIFE			**	
	<i>Leakage, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : At Inside Face Of Fascia Girders Below Deck Joints</i>							
	<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Over Several Piers</i>							
	<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : At Inner Faces Of Fascia Girders Below Deck Joints</i>							
Primary Member								
Steel	15%	4+	\$4,862,600	LIFE		**	2-8	\$4,701,600
	<i>Corrosion, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : Girders, Floor Beams, Web And Flanges At Deck Joints And Drainage Pipes</i>							
	<i>Other Observation, Extent : Light, Area Affected : 75%</i>							
	<i>Location : Throughout Superstructure Steel</i>							
	<i>Explanation : Fading Paint Color, Rust Flakes To Light Rusting. Paint System Is Failing</i>							
Steel	85%			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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : MOSHOLU PARKWAY METRO NORTH  
**Address** : MOSHOLU PARKWAY & SOUTHERN BLVD  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0314.000 / 15084 **Yr Built/Renovated** :  
**Area Sq Ft** : 7,453 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230260

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$24,200	\$15,200	\$2,400	
<b>Total</b>	<b>\$24,200</b>	<b>\$15,200</b>	<b>\$2,400</b>	
Importance Code A	\$1,600		\$100	
Importance Code B	\$14,400			
Importance Code C	\$8,200	\$15,200	\$2,200	
<b>Total</b>	<b>\$24,200</b>	<b>\$15,200</b>	<b>\$2,400</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**MOSHOLU PARKWAY METRO NORTH**  
**Asset # : 15084**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	0-2	\$14,400	LIFE		**		
			<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Sidewalks</i>					
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								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%			2040		**	4	\$24,700
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
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**  
**MOSHOLU PARKWAY METRO NORTH**  
**Asset # : 15084**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Railings/Parapets								
Concrete	100%			2040	**	4	\$500	
Masonry	100%			2040	**			
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2040	**	4	\$4,300	
Steel	100%			LIFE	**	2-8	\$4,000	
Sidewalks								
Concrete	100%			2036	**	5	\$4,500	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$30,500	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : MOSHOLU PARKWAY WEBSTER AVENUE  
**Address** : MOSHOLU PARKWAY OVER WEBSTER AVE SOUTHWEST OF MARION AVE  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0315.000 / 15085 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,480 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230270

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$83,900
<b>Total</b>		<b>\$83,900</b>
Importance Code A		\$83,900
<b>Total</b>		<b>\$83,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$12,700	\$24,800	\$11,300	
<b>Total</b>	<b>\$12,700</b>	<b>\$24,800</b>	<b>\$11,300</b>	
Importance Code A	\$1,800		\$8,600	
Importance Code B			\$500	
Importance Code C	\$10,800	\$24,800	\$2,200	
<b>Total</b>	<b>\$12,700</b>	<b>\$24,800</b>	<b>\$11,300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**MOSHOLU PARKWAY WEBSTER AVENUE**  
**Asset # : 15085**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Masonry	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE	**			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2040	**	4	\$32,500	
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%			2040	**	4	\$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**  
**MOSHOLU PARKWAY WEBSTER AVENUE**  
**Asset # : 15085**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Sidewalks</b>								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Railings/Parapets</b>								
Concrete	100%			2040	**	4	\$4,900	
Steel	100%			LIFE	**	2-8	\$4,500	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Top Of Concrete Parapet</i>								
<i>Explanation : Chain Link Fence</i>								
<b>Sidewalks</b>								
Concrete	100%			2036	**	5	\$4,400	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Concrete	100%			2040	**	5	\$49,500	
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%			LIFE	**	5	\$9,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bottom Of The Deck</i>								
<i>Explanation : Stay In Place Form Is In Good Condition</i>								
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8	\$156,800	
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$7,900	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 25-Mar-2022 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2230510

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$1,282,200	\$1,161,800
<b>Total</b>	<b>\$1,282,200</b>	<b>\$1,161,800</b>
Importance Code A	\$655,600	\$655,600
Importance Code B	\$626,700	\$506,300
<b>Total</b>	<b>\$1,282,200</b>	<b>\$1,161,800</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$391,600		\$111,500	
<b>Total</b>	<b>\$391,600</b>		<b>\$111,500</b>	
Importance Code A	\$233,500		\$59,300	
Importance Code B	\$119,500		\$52,300	
Importance Code C	\$38,700			
<b>Total</b>	<b>\$391,600</b>		<b>\$111,500</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NASSAU STREET BRIDGE B.Q.E./NASSAU STREET**  
**Asset # : 2451**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
<hr/>								
Backwall Concrete	100%	4+	\$38,700	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On Both Abutments</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Middle Of Wall</i>								
<i>Explanation : Brick Facing 5 Feet Wide On Both Fascias On 15 Percent Area. Light Water Stains On South Abutment.</i>								
<hr/>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
<hr/>								
Footings Not Accessible	100%							
<hr/>								
Joint with Deck Generic	100%			LIFE		**		
<hr/>								
Mat (scour & erosion) Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stone Pavers At North And Asphalt Paving At South Abutment</i>								
<hr/>								
Pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : At North Abutment Only</i>								
<i>Explanation : Steel Bolster Bolted To Front Face Abutment</i>								
<hr/>								
Stem (breastwall) Concrete	100%	4+	\$120,400	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Both Abutments</i>								
<i>Explanation : Brick Facade On 5 Percent Of Area In Both Abutments. Water Stains</i>								
<hr/>								
<b>Wingwalls</b>								
Footings Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Earth	100%			LIFE		**		
<hr/>								
Piles Not Accessible	100%							
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NASSAU STREET BRIDGE B.Q.E./NASSAU STREET**  
**Asset # : 2451**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%			LIFE		**		
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 35%</i>								
<i>Location : All Walls Except Northeast Wingwall</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Brick Facade</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Skate Park</i>								
Approaches								
Pavement								
Concrete	100%			2042		**	4	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE		**	5	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042		**	4	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At North Approach</i>								
<i>Explanation : Total Of 2 Scuppers</i>								
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$287,100
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NASSAU STREET BRIDGE B.Q.E./NASSAU STREET**  
**Asset # : 2451**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pier,Columns Steel	100%			LIFE	**	2-8	\$70,100	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads Generic	100%			LIFE	**			
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt, Pavers And Concrete</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Median Concrete	100%			LIFE	**	5	\$10,300	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Mono Deck Surface Concrete	100%			2053	**	5		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Railings/Parapets Concrete	100%			2042	**	4		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Steel	100%			LIFE	**	2-8	\$47,200	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence Attached To Concrete Barrier</i>								
Scupper Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total Of 32 Scuppers</i>								

## Superstructure

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NASSAU STREET BRIDGE B.Q.E./NASSAU STREET**  
**Asset # : 2451**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure Deck, Structural Concrete	100%			LIFE	**	5	\$150,200	
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 40%</i> <i>Location : Fascias And Utility Bay</i> <i>Explanation : Stay In Place Forms On 3 Of 8 Bays</i>								
Joints Generic	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Armorless Joint</i>								
Primary Member Steel	100%			LIFE	**	2-8	\$1,620,800	
<i>Corrosion, Extent : Moderate, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>								
Secondary Member Steel	100%			LIFE	**	2-8	\$1,390,600	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : NEREID AVENUE (2241880)  
**Address** : EAST 238TH ST. / OVER BRONX RIVER PARKWAY  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0151.000 / 13514 Yr Built/Renovated : 1930 /  
**Area Sq Ft** : 57,750 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 19-Oct-2020 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 1067150

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$2,780,800	\$2,247,600
<b>Total</b>	<b>\$2,780,800</b>	<b>\$2,247,600</b>
Importance Code A	\$1,167,300	\$1,618,800
Importance Code B	\$1,233,400	
Importance Code C	\$380,200	\$628,800
<b>Total</b>	<b>\$2,780,800</b>	<b>\$2,247,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$90,800		\$1,000	
<b>Total</b>	<b>\$90,800</b>		<b>\$1,000</b>	
Importance Code A	\$9,800		\$1,000	
Importance Code B	\$25,500			
Importance Code C	\$55,600			
<b>Total</b>	<b>\$90,800</b>		<b>\$1,000</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NEREID AVENUE (2241880)**  
**Asset # : 13514**

Bridge Structure	Current Repair			Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Stem (breastwall)								
Concrete	1%	4+	\$25,500	LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	99%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$230,900	LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 40%</i>					
			<i>Location : Random Locations Throughout</i>					
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%	4+	\$10,200	2033	\$509,600	4	\$9,800	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Side</i>								
Concrete	100%	4+	\$16,600	2041	**	4	\$39,000	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041	**	4		
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$5,400	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : 4 Scuppers</i>								
Piers								
Cap Beam								
Concrete	40%	4+	\$237,500	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier,Columns Concrete	40%	4+	\$241,300	LIFE	**			
	<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>							
Concrete	60%			LIFE	**			
Stem,Solid Pier Concrete	2%	4+	\$992,100	LIFE	**			
	<i>Cracks, Extent : Light, Area Affected : 75%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Moderate, Area Affected : 100%</i> <i>Location : Random Locations Throughout</i>							
Concrete	98%			LIFE	**			
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Piles Not Accessible	100%							
<b>Deck Elements</b>								
Curbs Concrete w/ Steel Face	100%	4+	\$9,800	LIFE	**			
	<i>Recent Repair Evident, Extent : N/A, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Rust Stains, Extent : Light, Area Affected : 100%</i> <i>Location : Random Locations Throughout</i>							
Railings/Parapets Steel	100%			LIFE	**	2-8	\$28,900	
	<i>Corrosion, Extent : Light, Area Affected : 30%</i> <i>Location : Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Steel Railing Without Parapets</i>							
Sidewalks Concrete	100%	4+	\$23,400	2037	**	5	\$11,600	
	<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Vegetation Growth, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NEREID AVENUE (2241880)**  
**Asset # : 13514**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Wearing Surface Concrete	100%	4+	\$149,200	2041	**	5	\$119,200	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Scupper Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : 4 Scuppers Observed</i>								
<hr/>								
<b>Superstructure</b>								
Primary Member Concrete	10%	4+	\$929,800	LIFE	**	5	\$809,400	
<i>Cracks, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Underside Of The Arch Barrels</i>								
<i>Efflorescence, Extent : Light, Area Affected : 100%</i>								
<i>Location : Underside Of The Arch Barrels</i>								
<i>Leakage, Extent : Light, Area Affected : 80%</i>								
<i>Location : Random Locations At The Arch Barrels</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Underside Of The Arch Barrels</i>								
<i>Explanation : Deteriorated Surface With Steel Mesh Installed</i>								
Concrete	90%			LIFE	**	5	\$809,400	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : NEW DORP LANE SIRT SOUTH SHORE  
**Address** : NEW DORP LANE AT NEW DORP PLAZA AND S. RAILROAD AVENUE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0264.000 / 15018 **Yr Built/Renovated** :  
**Area Sq Ft** : 7,411 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 09-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249430

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$30,500	\$11,900	\$100	
<b>Total</b>	<b>\$30,500</b>	<b>\$11,900</b>	<b>\$100</b>	
Importance Code A			\$100	
Importance Code C	\$30,500	\$11,900		
<b>Total</b>	<b>\$30,500</b>	<b>\$11,900</b>	<b>\$100</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**NEW DORP LANE SIRT SOUTH SHORE**  
**Asset # : 15018**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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	**			
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : West Abutment</i>					
			<i>Explanation : Concrete Pavers</i>					
Pedestals Not Accessible	100%							
Stem (breastwall) Concrete	100%			LIFE	**			
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE	**			
<b>Feature Crossed</b>								
Mat (scour & erosion) Generic	100%			LIFE	**			
Pier Protection Concrete	100%			LIFE	**			
<b>Approaches</b>								
Pavement Concrete	100%	4+	\$25,100	2040	**	4	\$41,200	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : East Approach Slab</i>					
Curbs Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NEW DORP LANE SIRT SOUTH SHORE**  
**Asset # : 15018**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Pier,Columns								
Concrete	100%			LIFE	**			
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	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$1,900	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$5,400	2036	**	5	\$1,800	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$23,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
NEW DORP LANE SIRT SOUTH SHORE  
Asset # : 15018**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Secondary Member								
Not Accessible	100%							

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : NORTH RAMP STATEN ISLAND RAILWAY  
 Address : NORTH RAMP TO TERMINAL STATEN ISLAND FERRY TERMINAL  
 Borough : STATEN ISLAND Agency's Number : N/A  
 Program / Asset # : DOT0345.000 / 15204 Yr Built/Renovated :  
 Area Sq Ft : 5,236 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 15-Mar-2022 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2269760

**CAPITAL**

<b>Total</b>
Importance Code
<b>Total</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$37,900		\$1,900	
<b>Total</b>	<b>\$37,900</b>		<b>\$1,900</b>	
Importance Code A	\$25,200		\$1,900	
Importance Code B	\$4,700			
Importance Code C	\$8,000			
<b>Total</b>	<b>\$37,900</b>		<b>\$1,900</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NORTH RAMP STATEN ISLAND RAILWAY**  
**Asset # : 15204**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$4,700	LIFE				**
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : North End</i>					
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
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				**
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Railroad Tracks</i>					
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**  
**NORTH RAMP STATEN ISLAND RAILWAY**  
**Asset # : 15204**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Concrete	100%	4+	\$4,200	2042	**	4	\$5,900	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
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	**			
<i>Rust Stains, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$5,500	
Sidewalks								
Concrete	100%			2038	**	5	\$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**  
**NORTH RAMP STATEN ISLAND RAILWAY**  
**Asset # : 15204**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	100%	4+	\$3,900	2042	**	5	\$11,500	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$55,400	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 05-Nov-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2231870

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$88,600
<b>Total</b>		<b>\$88,600</b>
Importance Code A		\$88,600
<b>Total</b>		<b>\$88,600</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$90,100	\$2,600	\$9,000	\$200
<b>Total</b>	<b>\$90,100</b>	<b>\$2,600</b>	<b>\$9,000</b>	<b>\$200</b>
Importance Code A			\$9,000	
Importance Code B	\$58,800			
Importance Code C	\$31,300	\$2,600		\$200
<b>Total</b>	<b>\$90,100</b>	<b>\$2,600</b>	<b>\$9,000</b>	<b>\$200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND**  
**Asset # : 13711**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	0-2	\$24,300	LIFE			**	
			<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Northeast Quadrant</i>					
			<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Northeast Quadrant</i>					
Mat (scour & erosion)								
Generic	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Under Road Paving And Safety Shape Barrier Adjacent To Abutment Stem</i>					
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	17%	4+	\$34,500	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	83%			LIFE			**	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	5%	4+	\$19,500	LIFE			**	
			<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 35%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Wingwalls Are Concrete With Stone Facing</i>					
Concrete	95%			LIFE			**	

## Feature Crossed

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND**  
**Asset # : 13711**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pier Protection								
Concrete	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2041	**	4	\$7,700	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Concrete	100%			2041	**	4		
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%	4+	\$3,400	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Both Approaches</i>					
			<i>Settlement, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Both Approaches</i>					
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Pier, Columns								
Concrete	100%			LIFE	**			
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : All Columns</i>					
			<i>Explanation : The Columns Are Concrete With Stone Veneer</i>					
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**  
**NORTHERN BLVD. BRIDGE NORTHERN BLVD./BELT CROSS ISLAND**  
**Asset # : 13711**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
Guide Railing								
Concrete	100%			2045	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$3,800	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : North And South Sides</i>					
			<i>Explanation : Chain Link Fence Behind Steel Bridge Railing</i>					
Sidewalks								
Concrete	100%			2037	**	5	\$400	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Concrete	100%	4+	\$8,400	2041	**	5	\$16,800	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$165,500	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : NORTHERN BOULEVARD LITTLE NECK BRIDGE ALLEY CREEK  
**Address** : NORTHERN BLVD OVER ALLEY CREEK IN ALLEY POND PARK  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0384.000 / 15404 **Yr Built/Renovated** :  
**Area Sq Ft** : 7,984 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 08-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240440

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$587,500	
<b>Total</b>	<b>\$587,500</b>	
Importance Code A	\$125,500	
Importance Code B	\$461,900	
<b>Total</b>	<b>\$587,500</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$129,700		\$2,600	
<b>Total</b>	<b>\$129,700</b>		<b>\$2,600</b>	
Importance Code A	\$64,900		\$2,500	
Importance Code B	\$44,500		\$100	
Importance Code C	\$20,400			
<b>Total</b>	<b>\$129,700</b>		<b>\$2,600</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NORTHERN BOULEVARD LITTLE NECK BRIDGE ALLEY CREEK**  
**Asset # : 15404**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	Now	\$36,100	LIFE			**	
			<i>Broken,Missing Pave, Extent : Light, Area Affected : 2%</i>					
			<i>Location : West Abutment</i>					
			<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : At Both Abutments</i>					
Mat (scour & erosion) Generic	100%			LIFE			**	
Pedestals Not Accessible	100%							
Stem (breastwall) Granite	100%	4+	\$461,900	LIFE			**	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Southeast Corner</i>					
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Joint Mortar Missing/ Eroded</i>					
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE			**	
Piles Not Accessible	100%							
Walls Granite	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Joint Mortar Missing/ Eroded</i>					
Feature Crossed								
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**  
**NORTHERN BOULEVARD LITTLE NECK BRIDGE ALLEY CREEK**  
**Asset # : 15404**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Concrete	100%	Now	\$13,300	2042	**	4	\$18,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches In Eastbound Lane</i>								
<i>Other Observation, Extent : N/A, Area Affected : 5%</i>								
<i>Location : Both Approaches In Eastbound Lane</i>								
<i>Explanation : Asphalt Patches</i>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$5,200	LIFE	**			
<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southeast Approach</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northwest Corner</i>								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2042	**	4	\$2,200	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Guide Railing Only At North Side</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Granite	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Joint Mortar Missing/ Eroded</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Old Repair, Extent : Light, Area Affected : 10%</i>								
<i>Location : Asphalt Patch In Northwest Corner</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Southeast And Northwest Corner</i>								
Piers								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NORTHERN BOULEVARD LITTLE NECK BRIDGE ALLEY CREEK**  
**Asset # : 15404**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier Granite	100%	4+	\$3,200	LIFE				**
<i>Joints Missing, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : North End</i>								
<i>Explanation : Misaligned</i>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE				**
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Streambed</i>								
Pedestals Not Accessible	100%							
Piles Not Accessible	100%							
<b>Deck Elements</b>								
Curbs Concrete w/ Steel Face	100%	2-4	\$2,200	LIFE				**
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations On North Side</i>								
<i>Rust Stains, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations On North Side</i>								
Guide Railing Concrete	100%			2046				**
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Guide Railing On North Side Only</i>								
Mono Deck Surface Concrete	100%	4+	\$2,000	2053		**	5	\$16,700
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Full Width Cracks Near Pier</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NORTHERN BOULEVARD LITTLE NECK BRIDGE ALLEY CREEK**  
**Asset # : 15404**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets Cast Iron	100%	Now	\$10,600	LIFE		**		
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations On North Side</i> <i>Other Observation, Extent : Moderate, Area Affected : 30%</i> <i>Location : Northwest Corner</i> <i>Explanation : Railing Leaning Outwards</i>								
Granite	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Joint Mortar Missing/ Eroded</i>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$5,100	2038		**	5	\$1,500
<i>Cracks, Extent : Moderate, Area Affected : 20%</i> <i>Location : Near Pier At Both Sides And At Northwest Sidewalk</i> <i>Spalling, Extent : Moderate, Area Affected : 2%</i> <i>Location : North Side Near Pier</i>								
<b>Superstructure</b>								
Deck,Structural Concrete	100%	2-4	\$47,000	LIFE		**	5	\$8,800
<i>Cracks, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 75%</i> <i>Location : Throughout</i> <i>Explanation : Limited Access</i>								
<b>Primary Member</b>								
Concrete Encased Steel	100%	4+	\$53,500	LIFE		**	5	\$28,200
<i>Cracks, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Limited Access On 75 Percent Area. Exposed Rebar</i>								
Steel	100%	4+	\$72,000	LIFE		**	2-8	\$25,000
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Limited Access On 75 Percent Area. Paint Peeling.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**NORTHERN BOULEVARD LITTLE NECK BRIDGE ALLEY CREEK**  
**Asset # : 15404**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure Secondary Member Steel	100%	4+	\$5,100	LIFE	**	2-8	\$2,200	
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations On Fascia Girder Supporting Railing On South Side</i> <i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Limited Access On 75 Percent Area. Paint Peeling.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : NY 25X TO/FROM 2ND AVENUE NYC GARAGE  
**Address** : 2ND AVE BTWN E 59TH & E 60TH STS  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0365.000 / 15383 **Yr Built/Renovated** :  
**Area Sq Ft** : 43,622 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 11-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224004J

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$568,300	\$584,600
<b>Total</b>	<b>\$568,300</b>	<b>\$584,600</b>
Importance Code A	\$568,300	\$511,200
Importance Code C		\$73,400
<b>Total</b>	<b>\$568,300</b>	<b>\$584,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$233,000		\$56,700	
<b>Total</b>	<b>\$233,000</b>		<b>\$56,700</b>	
Importance Code A	\$196,300		\$51,300	
Importance Code B	\$12,100		\$1,000	
Importance Code C	\$24,600		\$4,400	
<b>Total</b>	<b>\$233,000</b>		<b>\$56,700</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
NY 25X TO/FROM 2ND AVENUE NYC GARAGE**

**Asset # : 15383**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Concrete	20%	4+	\$57,100	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Joints Missing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southwest Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Granite Facing</i>								
Concrete	80%			LIFE		**		
Feature Crossed								
Mat (scour & erosion)								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%			2042		**	4	\$8,700
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Approach</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Approach On East Side</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Only On West Side</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE		**	5	\$200
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  
NY 25X TO/FROM 2ND AVENUE NYC GARAGE**

**Asset # : 15383**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Pier, Columns								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	10%	4+	\$8,100	2053		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	90%			2053		**		
Concrete w/ Steel Face	100%	Now	\$2,800	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Near Approach At Median</i>								
Guide Railing								
Concrete	100%	4+	\$2,600	2046		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%	4+	\$1,200	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
Median								
Concrete	100%	Now	\$5,100	LIFE		**	5	\$2,200
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East Bound Roadway</i>								
<i>Explanation : Impact Damage To Four Concrete Bollards</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
NY 25X TO/FROM 2ND AVENUE NYC GARAGE**

**Asset # : 15383**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets Granite	100%	4+	\$3,900	LIFE		**		
<i>Joins Missing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near Southwest End</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Broken / Missing Elements</i>								
Steel	100%	4+	\$2,000	LIFE		**	2-8	\$600
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%			2038		**	5	\$16,200
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	Now	\$24,600	2042		**	5	\$73,400
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Failed Asphalt Patches</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total Of 2 Scuppers</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE		**	2-8	\$1,636,600
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 95 Percent Not Accessible</i>								
Secondary Member								
Steel	100%			LIFE		**	2-8	\$28,100
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 95 Percent Not Accessible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
 NY 25X TO/FROM 2ND AVENUE NYC GARAGE  
 Asset # : 15383**

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : OCEAN AVENUE LIRR BAY RIDGE  
 Address : OCEAN AVENUE BET. AVE H & AVE I  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : DOT0308.000 / 15066 Yr Built/Renovated :  
 Area Sq Ft : 5,104 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 23-Dec-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2243480

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$783,200
<b>Total</b>		<b>\$783,200</b>
Importance Code C		\$783,200
<b>Total</b>		<b>\$783,200</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$4,700		\$1,100	\$2,700
<b>Total</b>	<b>\$4,700</b>		<b>\$1,100</b>	<b>\$2,700</b>
Importance Code A			\$100	
Importance Code C	\$4,700		\$1,000	\$2,700
<b>Total</b>	<b>\$4,700</b>		<b>\$1,100</b>	<b>\$2,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**OCEAN AVENUE LIRR BAY RIDGE**  
**Asset # : 15066**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Paved Over With Asphalt</i>						
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	100%			2032	\$709,200	4	\$14,200	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Northbound Lane</i>						
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Embankment								
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**  
**OCEAN AVENUE LIRR BAY RIDGE**  
**Asset # : 15066**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$2,500	
Sidewalks								
Concrete	100%			2036	**	5	\$2,100	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Asphalt	100%			2032	\$74,000	5	\$5,500	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Superstructure</b>								
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.

**DEPARTMENT OF TRANSPORTATION - 841**  
**OCEAN AVENUE LIRR BAY RIDGE**  
**Asset # : 15066**

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 06-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** :                      **Lot** :                      **BIN** : 2246540

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$3,097,600
<b>Total</b>		<b>\$3,097,600</b>
Importance Code A		\$204,200
Importance Code C		\$2,893,300
<b>Total</b>		<b>\$3,097,600</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$49,400		\$7,000	\$24,300
<b>Total</b>	<b>\$49,400</b>		<b>\$7,000</b>	<b>\$24,300</b>
Importance Code A	\$30,400		\$2,100	
Importance Code C	\$19,000		\$4,900	\$24,300
<b>Total</b>	<b>\$49,400</b>		<b>\$7,000</b>	<b>\$24,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL**  
**Asset # : 2512**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
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%			LIFE			**	
			<i>Recent Repair Evident, Extent : N/A, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Granite	100%			LIFE			**	
			<i>Recent Repair Evident, Extent : N/A, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Approaches								
Pavement								
Asphalt	100%			2032	\$2,261,000	4	\$46,300	
Curbs								
Concrete	100%			LIFE			**	
Concrete w/ Steel Face	100%			LIFE			**	
Granite	5%	4+	\$10,100	LIFE			**	
			<i>Settlement, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
Granite	95%			LIFE			**	
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	95%			LIFE			**	
Concrete	5%	4+	\$3,600	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Deck Elements								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARK AVE. TUNNEL EAST 34TH ST/PARK AVE TUNNEL**  
**Asset # : 2512**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Granite	95%			LIFE	**			
Granite	5%	4+	\$20,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
Gratings								
Steel	100%			LIFE	**			
Railings/Parapets								
Granite	100%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$59,200	
Sidewalks								
Concrete	100%			2036	**	5	\$9,800	
Granite Paver	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Fascia</i>								
<i>Explanation : Paver Sidewalk At North Fascia</i>								
Wearing Surface								
Asphalt	100%			2032	\$632,400	5	\$48,600	
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$55,200	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Recent Repair Evident</i>								
Primary Member								
Concrete	100%			LIFE	**	5	\$149,000	
Concrete Encased Steel	100%			LIFE	**	5		
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : PARK AVENUE NORTHBOUND EAST 45TH STREET  
**Address** : PARK AVE NB & E 45TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0363.000 / 15379 **Yr Built/Renovated** : 1920 /  
**Area Sq Ft** : 2,271 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 11-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245470

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$100,100		\$3,900	
<b>Total</b>	<b>\$100,100</b>		<b>\$3,900</b>	
Importance Code A	\$82,700		\$2,900	
Importance Code B	\$16,200		\$900	
Importance Code C	\$1,300			
<b>Total</b>	<b>\$100,100</b>		<b>\$3,900</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARK AVENUE NORTHBOUND EAST 45TH STREET**  
**Asset # : 15379**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Paved Roadway Underneath.</i>								
Piers								
Cap Beam								
Concrete Encased Steel	100%	0-2	\$7,000	LIFE		**	5	\$3,200
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : South End</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : South End</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : South End</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : South End</i>								
<i>Explanation : Concrete Encased Steel Cap Beam</i>								
Steel	100%			LIFE		**	2-8	\$49,600
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : North End</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : North End</i>								
<i>Explanation : Covered With Decorative Plates</i>								
Pier, Columns								
Steel	100%			LIFE		**	2-8	\$38,400
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covered With Decorative Plates</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Paving On Southeast Side. Concrete Sidewalk On All Other Locations.</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 60%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARK AVENUE NORTHBOUND EAST 45TH STREET**  
**Asset # : 15379**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Wearing Surface Asphalt	100%			2034	**	5	\$2,600	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Southeast Corner</i>								
<i>Explanation : Raveling</i>								
<hr/>								
Scupper Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At North End</i>								
<i>Explanation : Total Of 2 Scuppers</i>								
<hr/>								
<b>Superstructure</b>								
Deck,Structural Not Accessible	100%							
<hr/>								
<b>Joints</b>								
Generic	100%			LIFE	**			
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 1%</i>								
<i>Location : Northeast Corner</i>								
<hr/>								
<b>Primary Member</b>								
Concrete Encased Steel	100%	4+	\$33,700	LIFE	**	5	\$17,800	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Floor beams Are Encased</i>								
<hr/>								
Steel	100%			LIFE	**	2-8	\$52,800	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Both Girders</i>								
<i>Explanation : Girders Are Covered With Steel Decorative Plates. Removed Decorative Plates On Bottom Flanges.</i>								
<hr/>								
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$2,800	
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On North End</i>								
<i>Explanation : Framed Around Scuppers</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : PARK AVENUE SOUTHBOUND EAST 45TH STREET  
**Address** : PARK AVE SB & EAST 45TH ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0362.000 / 15378 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,228 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 11-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245460

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$33,400	\$33,400
<b>Total</b>	<b>\$33,400</b>	<b>\$33,400</b>
Importance Code A	\$33,400	\$33,400
<b>Total</b>	<b>\$33,400</b>	<b>\$33,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$82,500		\$5,700	
<b>Total</b>	<b>\$82,500</b>		<b>\$5,700</b>	
Importance Code A	\$65,900		\$4,800	
Importance Code B	\$15,400		\$900	
Importance Code C	\$1,200			
<b>Total</b>	<b>\$82,500</b>		<b>\$5,700</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARK AVENUE SOUTHBOUND EAST 45TH STREET**  
**Asset # : 15378**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$129,200	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covered With Decorative Plates</i>								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$36,800	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Covered With Decorative Plates</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Piers</i>								
<i>Explanation : Concrete Sidewalk</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%			2038	**	5	\$900	
Wearing Surface								
Asphalt	100%			2034	**	5	\$2,400	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Near South End</i>								
<i>Explanation : 1 Scupper</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARK AVENUE SOUTHBOUND EAST 45TH STREET**  
**Asset # : 15378**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	100%			LIFE		**		
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
Concrete Encased Steel	100%	4+	\$28,000	LIFE		**	5	\$14,800
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : With Exposed Rebar On Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Encased Floor Beams</i>								
Steel	100%			LIFE		**	2-8	\$46,500
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Decorative Facing On Web And Top Flanges. Visible Bottom Flange</i>								
Secondary Member								
Steel	100%			LIFE		**	2-8	\$2,400
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Framing Around Scupper</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : PARK AVENUE VIADUCT EAST 42ND STREET  
**Address** : PARK AVE & E 42ND ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0364.000 / 15380 **Yr Built/Renovated** :  
**Area Sq Ft** : 24,564 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 11-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246550

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$943,100	\$372,700
<b>Total</b>	<b>\$943,100</b>	<b>\$372,700</b>
Importance Code A	\$905,700	\$273,200
Importance Code B	\$37,400	\$37,400
Importance Code C		\$62,100
<b>Total</b>	<b>\$943,100</b>	<b>\$372,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$105,000		\$17,300	\$1,400
<b>Total</b>	<b>\$105,000</b>		<b>\$17,300</b>	<b>\$1,400</b>
Importance Code A	\$39,800		\$12,900	\$1,400
Importance Code B	\$36,000		\$4,400	
Importance Code C	\$29,100			
<b>Total</b>	<b>\$105,000</b>		<b>\$17,300</b>	<b>\$1,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARK AVENUE VIADUCT EAST 42ND STREET**  
**Asset # : 15380**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Bridge Connects To Different Bridge On South End And On Grand Central Terminal Building Wall On North End.</i>								
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%							
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Paving At East 42nd Street Under Span 6 And East 41st Street Under Span 3 . There Is A Cafe Under Span 5. Span 1, 2, 4, 5 &amp; 7 Are Not Accessible.</i>								
Piers								
Cap Beam Not Accessible	100%							
Pier,Columns Steel	100%			LIFE		**	2-8	\$176,500
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Enclosed Within Walls Throughout</i>								
<i>Explanation : Steel Pier Encased In Masonry. Light Joint Mortar Missing On 5 Percent Of Area. 100 Percent Pier, Columns Are Not Accessible.</i>								
Stem,Solid Pier Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Light Joint Mortar Missing On 5 Percent Of Area. 100 Percent Stem, Solid Pier Not Accessible.</i>								
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**  
**PARK AVENUE VIADUCT EAST 42ND STREET**  
**Asset # : 15380**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Mat (scour & erosion) Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Sidewalk And Street Adjacent To The Wall</i>								
<i>Explanation : 95 Percent Not Accessible</i>								
<hr/>								
<b>Pedestals</b>								
Not Accessible	100%							
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	Now	\$13,400	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Guide Railing</b>								
Concrete	100%			2046		**		
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Span 7</i>								
<i>Explanation : On North End Only</i>								
<hr/>								
<b>Railings/Parapets</b>								
Cast Iron	100%	4+	\$16,200	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
<hr/>								
Masonry	100%			2042		**	5	\$2,800
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Sides</i>								
<i>Explanation : Masonry Railings At Span 1, 3 And 5.</i>								
<hr/>								
Steel	100%			LIFE		**	2-8	\$26,400
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Interior Rail</i>								
<i>Explanation : Location Noted</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			2038		**	5	\$1,100
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At North End</i>								
<i>Explanation : Concrete Sidewalk At Span 7 Only</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 AVENUE VIADUCT EAST 42ND STREET**  
**Asset # : 15380**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Wearing Surface Asphalt	100%	Now	\$4,000	2034	**	5	\$1,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Southbound Road On Span 7</i>								
<i>Explanation : 3 Pot Holes</i>								
Concrete	100%	4+	\$20,800	2042	**	5	\$62,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Full Width Transverse Cracks At Random Locations Throughout</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Span 6</i>								
<i>Explanation : Two Scuppers</i>								
<b>Superstructure</b>								
Deck, Structural Concrete	99%	4+	\$57,200	LIFE	**	5	\$27,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout Mostly Covered With Steel Mesh</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Spans 1, 2, 4, 5 And 7</i>								
<i>Explanation : Restaurant Underdeck And Wall Enclosure Causing 60 Percent Of Deck Not Accessible</i>								
Concrete	1%	Now	\$2,900	LIFE	**	5	\$27,000	
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Fascia Of Span 3 Over East 41st Street</i>								
<b>Joints</b>								
Generic	100%	4+	\$4,300	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARK AVENUE VIADUCT EAST 42ND STREET**  
**Asset # : 15380**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Concrete Encased Steel	100%	4+	\$182,200	LIFE	**	5	\$96,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Edges Of Floor Beam Bottom Flanges Throughout</i>								
Steel	100%	4+	\$663,400	LIFE	**	2-8	\$229,900	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling. Pin And Hanger Connection At Both Ends. Steel Girder Arch At Span 3, 5 And 6.</i>								
Secondary Member								
Steel	100%	4+	\$4,600	LIFE	**	2-8	\$9,800	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : At Spans 1, 2, 4, 5 And 7</i>								
<i>Explanation : 70 Percent Of Secondary Member Not Accessible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : PARK ROW TO BROOKLYN WILLIAM STREET NORTHBOUND  
**Address** : BKLY BRDG ON RAMP FROM PARK ROW OVER WILLIAM STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0341.000 / 15200 **Yr Built/Renovated** : 1956 /  
**Area Sq Ft** : 3,388 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224001A

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$261,900
<b>Total</b>		<b>\$261,900</b>
Importance Code A		\$100,200
Importance Code C		\$161,700
<b>Total</b>		<b>\$261,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure		\$4,800	\$14,300	
<b>Total</b>		<b>\$4,800</b>	<b>\$14,300</b>	
Importance Code A		\$3,500	\$12,500	
Importance Code B			\$1,800	
Importance Code C		\$1,300		
<b>Total</b>		<b>\$4,800</b>	<b>\$14,300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARK ROW TO BROOKLYN WILLIAM STREET NORTHBOUND**  
**Asset # : 15200**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
	<i>Location : West Span</i>							
	<i>Explanation : Span Is Completely Enclosed And Not Accessible</i>							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Not Accessible	100%							
	<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Paved Over With Asphalt Wearing Surface</i>							
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
Walls Concrete	100%			LIFE			**	
	<i>Efflorescence, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Enclosure Walls Of West Span And Stone Facing</i>							
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE			**	
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE			**	
	<i>Efflorescence, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Wingwalls Are Concrete With Stone Facing</i>							
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE			**	
Approaches								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARK ROW TO BROOKLYN WILLIAM STREET NORTHBOUND**  
**Asset # : 15200**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2033	\$93,600	4	\$4,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041	**	4	\$5,000	
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 1 Scupper Observed</i>								
Piers								
Cap Beam								
Masonry	100%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$46,500	
Pier,Columns								
Masonry	100%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$34,500	
Stem,Solid Pier								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stone Facing</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$3,400	
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : East Side</i>								
<i>Explanation : Located On Masonry Pier</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2052	**			
Railings/Parapets								
Concrete	100%			2041	**	4	\$5,400	
Steel	100%			LIFE	**	2-8	\$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**  
**PARK ROW TO BROOKLYN WILLIAM STREET NORTHBOUND**  
**Asset # : 15200**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Wearing Surface Asphalt	100%			2033	\$68,100	5	\$10,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Galvanized Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : West Side</i>								
<i>Explanation : 3 Scuppers Observed</i>								
Superstructure								
Deck, Structural Grating w/ Concrete	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : West Span Not Accessible. Bottom Covered With Stay In Place Forms</i>								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$187,100	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : West Span</i>								
<i>Explanation : Span Not Accessible</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$9,400	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : West Span</i>								
<i>Explanation : Span Not Accessible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : PARKING ENTRANCE RAMP STATEN ISLAND RAILWAY  
**Address** : RAMP TO PARKING LOT SIRT STATEN ISLAND FERRY TERMINAL  
**Borough** : STATEN ISLAND Agency's Number : N/A  
**Program / Asset #** : DOT0347.000 / 15206 Yr Built/Renovated : 1948 /  
**Area Sq Ft** : 8,821 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 24-Nov-2020 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2269780

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$7,000	\$9,300	\$1,300	\$1,200
<b>Total</b>	<b>\$7,000</b>	<b>\$9,300</b>	<b>\$1,300</b>	<b>\$1,200</b>
Importance Code A		\$3,400	\$200	
Importance Code B			\$1,200	
Importance Code C	\$7,000	\$5,900		\$1,200
<b>Total</b>	<b>\$7,000</b>	<b>\$9,300</b>	<b>\$1,300</b>	<b>\$1,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARKING ENTRANCE RAMP STATEN ISLAND RAILWAY**  
**Asset # : 15206**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE			**	
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%			2041		**	4	\$17,700
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Mat (scour & erosion)								
Not Accessible	100%							
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**  
**PARKING ENTRANCE RAMP STATEN ISLAND RAILWAY**  
**Asset # : 15206**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Railings/Parapets								
Concrete	100%			2041	**	4	\$1,200	
Masonry	100%			2041	**			
Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Railing And Chainlink Fence</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$33,100	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2041	**	4	\$9,000	
<i>Damaged Railing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$4,400	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : South Side</i>								
<i>Explanation : Chain Link Fence Behind Concrete Wall</i>								
Sidewalks								
Concrete	100%			2037	**	5	\$2,300	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$7,000	2041	**	5	\$20,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARKING ENTRANCE RAMP STATEN ISLAND RAILWAY**  
**Asset # : 15206**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Scupper								
Cast Iron	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : 4 Scuppers Observed</i>						
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : PARKING EXIT RAMP STATEN ISLAND RAILWAY  
**Address** : RAMP FROM PARKING LOT  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0344.000 / 15203 **Yr Built/Renovated** : 1948 /  
**Area Sq Ft** : 24,504 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 24-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2269730

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$64,300	\$382,800
<b>Total</b>	<b>\$64,300</b>	<b>\$382,800</b>
Importance Code A		\$270,200
Importance Code B		\$48,300
Importance Code C	\$64,300	\$64,300
<b>Total</b>	<b>\$64,300</b>	<b>\$382,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$27,500	\$6,200	\$34,300	\$2,500
<b>Total</b>	<b>\$27,500</b>	<b>\$6,200</b>	<b>\$34,300</b>	<b>\$2,500</b>
Importance Code A			\$27,900	
Importance Code B	\$27,500		\$6,500	
Importance Code C		\$6,200		\$2,500
<b>Total</b>	<b>\$27,500</b>	<b>\$6,200</b>	<b>\$34,300</b>	<b>\$2,500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**PARKING EXIT RAMP STATEN ISLAND RAILWAY**

**Asset # : 15203**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
<b>Joint with Deck</b>								
Generic	13%	Now	\$27,500	LIFE			**	
		<i>Missing/Damaged Seal, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : West Side</i>						
Generic	87%			LIFE			**	
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE			**	
<b>Pedestals</b>								
Concrete	100%			LIFE			**	
		<i>Other Observation, Extent : N/A, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Pedestals Consist Of 50 Percent Concrete, 50 Percent Not Accessible.</i>						
<b>Stem (breastwall)</b>								
Concrete	100%			LIFE			**	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Rust Stains, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 50%</i>						
		<i>Location : North Abutment</i>						
		<i>Explanation : Stem Consist Of 50 Percent Concrete, 50 Percent Not Accessible Due To Art Piece.</i>						
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE			**	
<b>Piles</b>								
Not Accessible	100%							
<b>Walls</b>								
Concrete	100%			LIFE			**	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Rust Stains, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
Masonry	100%			LIFE			**	
		<i>Vegetation Growth, Extent : Light, Area Affected : 40%</i>						
		<i>Location : Northeast Corner</i>						

**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**  
**PARKING EXIT RAMP STATEN ISLAND RAILWAY**

**Asset # : 15203**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2041	**	4	\$18,500	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Masonry	100%			2041	**			
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Both Approaches</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 2 Scuppers Observed</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier, Columns								
Steel	100%			LIFE	**	2-8	\$139,100	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$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**  
**PARKING EXIT RAMP STATEN ISLAND RAILWAY**

**Asset # : 15203**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%			2037	**	5	\$5,100	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2041	**	5	\$128,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 12 Scuppers Observed</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$27,000	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Entire Deck</i>								
<i>Explanation : Bottom Covered With Stay In Place Forms</i>								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$504,700	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$25,400	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : PEARL STREET TO BROOKLYN BRIDGE LAND ADJACENT TO BRIDGE  
**Address** : ON RAMP FROM PEARL STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0342.000 / 15201 **Yr Built/Renovated** : 1964 /  
**Area Sq Ft** : 2,473 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224001C

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$75,800	\$65,000
<b>Total</b>	<b>\$75,800</b>	<b>\$65,000</b>
Importance Code A		\$65,000
Importance Code B	\$75,800	
<b>Total</b>	<b>\$75,800</b>	<b>\$65,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$43,100	\$500	\$9,400	
<b>Total</b>	<b>\$43,100</b>	<b>\$500</b>	<b>\$9,400</b>	
Importance Code A	\$3,800		\$8,500	
Importance Code B			\$900	
Importance Code C	\$39,300	\$500		
<b>Total</b>	<b>\$43,100</b>	<b>\$500</b>	<b>\$9,400</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEARL STREET TO BROOKLYN BRIDGE LAND ADJACENT TO BRIDGE**  
**Asset # : 15201**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Construction Taking Place Underneath Bridge</i>							
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%	Now	\$75,800	LIFE			**	
	<i>Missing/Damaged Seal, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : At Approach</i>							
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE			**	
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE			**	
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Southeast Side</i>							
	<i>Explanation : Covering Span 1 And 2</i>							
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE			**	
Approaches								
Pavement Asphalt	100%			2033	\$37,500	4	\$1,600	
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Curbs Concrete w/ Steel Face	100%			LIFE			**	
	<i>Rust Stains, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
Embankment Earth	100%			LIFE			**	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEARL STREET TO BROOKLYN BRIDGE LAND ADJACENT TO BRIDGE**  
**Asset # : 15201**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
<hr/>								
Railings/Parapets								
Concrete	100%	4+	\$3,300	2041	**	4	\$1,200	
	<i>Cracks, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Exposed Reinforcement, Extent : Severe, Area Affected : 2%</i>							
	<i>Location : Middle Of Span</i>							
	<i>Spalling, Extent : Severe, Area Affected : 2%</i>							
	<i>Location : Middle Of Span</i>							
Steel	100%			LIFE	**			
	<i>Corrosion, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Chain Link Fence</i>							
<hr/>								
Sidewalks								
Concrete	100%	4+	\$1,100	LIFE	**			
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Random Locations Throughout</i>							
<hr/>								
<b>Piers</b>								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$37,100	
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$13,200	
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%							
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
	<i>Rust Stains, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Random Locations Throughout</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEARL STREET TO BROOKLYN BRIDGE LAND ADJACENT TO BRIDGE**  
**Asset # : 15201**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets Concrete	100%			2041	**	4	\$1,400	
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Severe, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$11,800	
<i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 20%</i> <i>Location : Near Approach</i> <i>Explanation : Chain-link Fence Behind Concrete Railing</i>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$1,200	2037	**	5	\$400	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Vegetation Growth, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Concrete	100%	2-4	\$12,900	2041	**	5	\$15,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Settlement, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 5 Scuppers</i>								
<b>Superstructure</b>								
Deck, Structural Concrete	100%			LIFE	**	5	\$2,700	
<i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Entire Deck</i> <i>Explanation : 15 Percent Not Accessible. Bottom Covered With Stay In Place Forms</i>								
<b>Joints</b>								
Generic	100%	Now	\$24,000	LIFE	**			
<i>Missing/Damaged Seal, Extent : Severe, Area Affected : 100%</i> <i>Location : Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEARL STREET TO BROOKLYN BRIDGE LAND ADJACENT TO BRIDGE**  
**Asset # : 15201**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	100%			LIFE	**	2-8	\$121,300	
	<i>Other Observation, Extent : N/A, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 15 Percent Not Accessible</i>							
<hr/>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$6,100	
	<i>Other Observation, Extent : N/A, Area Affected : 15%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 15 Percent Not Accessible</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 206672A

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$80,300		\$5,600	
<b>Total</b>	<b>\$80,300</b>		<b>\$5,600</b>	
Importance Code A	\$52,000		\$2,500	
Importance Code B	\$28,300		\$2,200	
Importance Code C			\$900	
<b>Total</b>	<b>\$80,300</b>		<b>\$5,600</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2918**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**			
			<i>Corrosion, Extent : Light, Area Affected : 15%</i>					
			<i>Location : East Side Bearing</i>					
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE	**			
Mat (scour & erosion) Earth	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : East Side Pedestal</i>					
Stem (breastwall) Concrete	100%			LIFE	**			
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE	**			
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout The Abutment</i>					
			<i>Explanation : With Brick Veneer</i>					
<b>Approaches</b>								
Pavement Concrete	100%			2042	**	4	\$1,800	
Curbs Granite	100%	4+	\$1,500	LIFE	**			
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Joint Mortar Between Granite Curbs</i>					
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment Earth	100%			LIFE	**			
Mat (scour & erosion) Earth	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2918**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	95%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Parapet Base</i>								
Steel	5%	4+	\$700	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Span 4</i>								
<i>Explanation : Panel Detached</i>								
<b>Piers</b>								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$13,800	
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$18,700	
Stem,Solid Pier								
Brick Veneer	100%			LIFE	**			
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At Solid Pier</i>								
<i>Explanation : With Brick Veneer</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$2,300	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At Solid Concrete Pier With Brick Veneer</i>								
<i>Explanation : 4 Concrete Pedestals</i>								
<b>Deck Elements</b>								
Curbs								
Concrete	100%			2053	**			
Mono Deck Surface								
Concrete	100%			2053	**	5	\$7,400	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2918**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets Steel	100%	4+	\$6,000	LIFE	**	2-8	\$8,500	
<i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : At Base Of Parapet</i> <i>Missing Fastenings, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Span 3</i> <i>Explanation : Frame Detached</i>								
Scupper								
Cast Iron	35%			LIFE	**			
<i>Drains Clogged, Extent : Moderate, Area Affected : 50%</i> <i>Location : Throughout The Deck</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout The Deck</i> <i>Explanation : Total Of 6 Drains</i>								
Cast Iron	65%			LIFE	**			
Superstructure								
Deck,Structural								
Concrete	70%			LIFE	**	5	\$3,600	
Concrete	30%	4+	\$11,800	LIFE	**	5	\$1,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Near Top Joint Along 147 Street Main Bridge</i> <i>Explanation : Underside Of Deck Spalled Area With Rusted Rebars Covered By Steel Mesh With Bolted Steel Plates.</i>								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$57,000	
<i>Rust Stains, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$48,900	
<i>Rust Stains, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 206672B

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$96,400		\$6,200	
<b>Total</b>	<b>\$96,400</b>		<b>\$6,200</b>	
Importance Code A	\$53,600		\$2,700	
Importance Code B	\$36,800		\$2,700	
Importance Code C	\$6,000		\$900	
<b>Total</b>	<b>\$96,400</b>		<b>\$6,200</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2919**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			**	
Backwall								
Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : End Abutment</i>					
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE			**	
			<i>Corrosion, Extent : Light, Area Affected : 30%</i>					
			<i>Location : End Abutment</i>					
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			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Locations Throughout</i>					
			<i>Explanation : With Brick Veneer</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : End Abutment</i>					
			<i>Explanation : With Brick Veneer And Three Weep Holes On Each Wall</i>					
Approaches								
Pavement								
Concrete	100%			2042		**	4	\$1,800
Curbs								
Granite	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
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**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2919**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Steel	100%	4+	\$1,300	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Missing Fastenings, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Connection Angle Detached</i>								
Piers								
Cap Beam Steel	100%			LIFE		**	2-8	\$13,800
Pier,Columns Steel	65%			LIFE		**	2-8	\$18,700
Steel	35%			LIFE		**	2-8	\$18,700
<i>Corrosion, Extent : Light, Area Affected : 2%</i> <i>Location : Base Of Center Pier</i>								
Stem,Solid Pier Brick Veneer	100%			LIFE		**		
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : South End Pier</i> <i>Explanation : Concrete With Brick Veneer</i>								
Brngs,Ancr Blts,Pads Steel	90%			LIFE		**	2-8	\$2,300
Steel	10%			LIFE		**	2-8	\$2,300
<i>Corrosion, Extent : Light, Area Affected : 50%</i> <i>Location : At Pier With Brick Veneer</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : South End Pier</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : South End Pier</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	99%			2053		**		
Concrete	1%	4+	\$6,600	2053		**		
<i>Cracks, Extent : Light, Area Affected : 50%</i> <i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PEDESTRIAN BRIDGE E. 174ST. / 895IX**  
**Asset # : 2919**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Mono Deck Surface Concrete	100%			2053	**	5	\$7,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets Steel	100%			LIFE	**	2-8	\$13,800	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper Cast Iron	35%	4+	\$6,000	LIFE	**			
<i>Drains Clogged, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : All Drains Throughout The Deck</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout The Deck</i>								
<i>Explanation : Total Of 6 Drains</i>								
Cast Iron	65%			LIFE	**			
<b>Superstructure</b>								
Deck,Structural Concrete	100%	4+	\$7,900	LIFE	**	5	\$1,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Joints</b>								
Generic	100%			LIFE	**			
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8	\$60,200	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$51,700	
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 22-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231519

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$274,200	\$274,200
<b>Total</b>	<b>\$274,200</b>	<b>\$274,200</b>
Importance Code A	\$274,200	\$274,200
<b>Total</b>	<b>\$274,200</b>	<b>\$274,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$224,900		\$48,500	\$13,300
<b>Total</b>	<b>\$224,900</b>		<b>\$48,500</b>	<b>\$13,300</b>
Importance Code A	\$151,500		\$33,400	
Importance Code B	\$73,400		\$1,700	
Importance Code C			\$13,500	\$13,300
<b>Total</b>	<b>\$224,900</b>		<b>\$48,500</b>	<b>\$13,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**PENNSYLVANIA AVENUE TO BSHP BELT PARKWAY**

**Asset # : 14958**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Backwall								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2053		**		
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$24,600	LIFE		**		
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Stem (breastwall)								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Abutment</i>								
<i>Explanation : Limited Access On 30 Percent Of Area. Rust Stains On Utility Access Door.</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PENNSYLVANIA AVENUE TO BSHP BELT PARKWAY**

**Asset # : 14958**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	100%			LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Paving Underneath</i>								
Pier Protection								
Concrete	100%	4+	\$19,900	LIFE			**	
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Middle Pier North Face</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Middle Pier North Face</i>								
Approaches								
Pavement								
Concrete	100%			2042		4	\$27,000	**
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Sides At South Approach</i>								
Embankment								
Not Accessible	100%							
Median								
Concrete	100%			LIFE		5	\$1,800	**
<i>Delaminations, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042		4	\$2,500	**
Steel	100%	4+	\$2,400	LIFE			**	
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : North Approach</i>								
<i>Explanation : Vegetation Growth</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PENNSYLVANIA AVENUE TO BSHP BELT PARKWAY**

**Asset # : 14958**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$113,700	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Pier, Columns								
Concrete	100%	4+	\$9,500	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Top Of Pier Columns</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Top Of Middle Pier Column</i>								
<i>Other Observation, Extent : N/A, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Brngs, Ancr Blts, Pads								
Elastomeric	100%			2053	**			
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Median								
Concrete	100%			LIFE	**	5	\$2,300	
<i>Delaminations, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Concrete	100%			2042	**	4	\$3,100	
Steel	100%			LIFE	**	2-8	\$6,900	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PENNSYLVANIA AVENUE TO BSHP BELT PARKWAY**

**Asset # : 14958**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Sidewalks								
Concrete	100%			2038	**	5	\$4,000	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2042	**	5	\$26,700	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$14,500	
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout Except At Both Overhangs</i>								
<i>Explanation : Covered By Stay In Place Forms</i>								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$877,700	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$45,200	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : PRESIDENT STREET FRANKLIN SHUTTLE  
**Address** : PRESIDENT STREET BET CLASSON AVE & FRANKLIN AVE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0306.000 / 15064 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,380 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 27-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243210

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$7,400	\$800	\$100	\$1,200
<b>Total</b>	<b>\$7,400</b>	<b>\$800</b>	<b>\$100</b>	<b>\$1,200</b>
Importance Code A	\$2,300		\$100	
Importance Code C	\$5,100	\$800		\$1,200
<b>Total</b>	<b>\$7,400</b>	<b>\$800</b>	<b>\$100</b>	<b>\$1,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**PRESIDENT STREET FRANKLIN SHUTTLE**  
**Asset # : 15064**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Covered By Asphalt Wearing Surface</i>						
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Asphalt	100%			2035		**	4	\$2,500
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
Embankment								
Earth	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**  
**PRESIDENT STREET FRANKLIN SHUTTLE**  
**Asset # : 15064**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Chain Link Fence</i>						
Sidewalks								
Concrete	13%	4+	\$1,700	LIFE		**		
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Concrete	87%			LIFE		**		
Scupper								
Cast Iron	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Southwest And Northwest Corners</i>						
		<i>Explanation : 2 Scuppers</i>						
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,800	LIFE		**		
		<i>Misaligned/Bulging, Extent : Light, Area Affected : 5%</i>						
		<i>Location : North Curb</i>						
		<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PRESIDENT STREET FRANKLIN SHUTTLE**  
**Asset # : 15064**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets Concrete	100%			2040	**	4	\$1,600	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Parapet With Brick Fascia</i>								
Steel	100%			LIFE	**	2-8	\$1,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Top Of Concrete Parapet</i>								
<i>Explanation : Chain Link Fence</i>								
Sidewalks								
Concrete	100%	4+	\$3,400	2036	**	5	\$1,200	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%			2035	**	5	\$1,600	
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Joints								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : PROMENADE OVER FDR / 81ST TO 90TH STREET  
**Address** : 81ST TO 90TH STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0031.070 / 2925 **Yr Built/Renovated** : 1942 /  
**Area Sq Ft** : 93,000 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 08-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2232167

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$12,411,900	\$7,800,100
<b>Total</b>	<b>\$12,411,900</b>	<b>\$7,800,100</b>
Importance Code A	\$10,153,200	\$7,403,700
Importance Code B	\$2,071,200	
Importance Code C	\$187,500	\$396,400
<b>Total</b>	<b>\$12,411,900</b>	<b>\$7,800,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$143,100		\$4,600	
<b>Total</b>	<b>\$143,100</b>		<b>\$4,600</b>	
Importance Code A	\$7,700		\$4,100	
Importance Code B	\$37,500		\$500	
Importance Code C	\$97,900			
<b>Total</b>	<b>\$143,100</b>		<b>\$4,600</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**PROMENADE OVER FDR / 81ST TO 90TH STREET**

**Asset # : 2925**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Limited Access</i>							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
	<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Steel Railing On Top Of Wall</i>							
	<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Northwest Corner</i>							
	<i>Spalling, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Northwest Corner</i>							
	<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>							
	<i>Location : North End</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : 90th Street. North Side</i>							
	<i>Explanation : Location Noted</i>							
Granite	65%			LIFE		**		
Granite	35%	4+	\$8,300	LIFE		**		
	<i>Efflorescence, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Lower Two Courses Of Stones</i>							
	<i>Loose Elements, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : 81st Street, South Side</i>							
	<i>Explanation : Location Noted</i>							
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Around Lower Structure</i>							
	<i>Explanation : Location Noted</i>							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Lower Structure Under Gracie Mansion</i>							
	<i>Explanation : Pavement</i>							
Pier Protection								
Concrete	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Limited Access</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 / 81ST TO 90TH STREET**

**Asset # : 2925**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Cap Beam Concrete	100%	4+	\$1,100,800	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Exposed Reinforcement</i>								
Steel	100%			LIFE		**	2-8	\$19,100
<i>Corrosion, Extent : Light, Area Affected : 15%</i> <i>Location : Random Locations Throughout</i> <i>Rust Stains, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i>								
<b>Pier, Columns</b>								
Concrete	10%	2-4	\$25,500	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 25%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Limited Access</i>								
Concrete	90%			LIFE		**		
Steel	100%	4+	\$12,000	LIFE		**	2-8	\$14,200
<i>Corrosion, Extent : Light, Area Affected : 15%</i> <i>Location : Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Limited Access</i>								
<b>Stem, Solid Pier</b>								
Concrete	100%	4+	\$2,071,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Rust Stains, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Limited Access</i>								
<b>Footings</b>								
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**  
**PROMENADE OVER FDR / 81ST TO 90TH STREET**  
**Asset # : 2925**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion) Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Lower Structure Under Gracie Mansion</i> <i>Explanation : Pavement</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Gratings								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Tunnel Vent North Of Gracie Mansion At About 89th Street</i> <i>Explanation : Large Grating Area</i>								
Railings/Parapets								
Concrete	100%	Now	\$420,200	2042		**	4	\$73,800
<i>Cracks, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Exposed Reinforcement, Extent : Severe, Area Affected : 2%</i> <i>Location : Concentrated At Joints</i> <i>Rust Stains, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 2%</i> <i>Location : Random Locations Throughout, Also Concentrated At Joints</i> <i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Concentrated At Joints</i> <i>Explanation : Vegetation Growth</i>								
Steel	100%	Now	\$71,400	LIFE		**	2-8	\$101,300
<i>Corrosion, Extent : Moderate, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Loss of Section, Extent : Moderate, Area Affected : 1%</i> <i>Location : At Second Joint From South End</i> <i>Rust Stains, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Severe, Area Affected : 5%</i> <i>Location : Railing Supports At Joints</i> <i>Explanation : Dislocated Anchors, Missing Concrete Around Anchors</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PROMENADE OVER FDR / 81ST TO 90TH STREET**

**Asset # : 2925**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Wearing Surface</b>								
Asphalt	5%	2-4	\$8,100	2034	**	5	\$62,400	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Settlement, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout With Ponding</i> <i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Failed Asphalt Patches</i>								
Asphalt	95%	4+	\$30,900	2034	**	5	\$62,400	
<i>Broken, Missing Pave, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Loose Elements, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Settlement, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Asphalt Pavers</i>								
Concrete	100%	Now	\$187,500	2042	**	5	\$271,500	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
<b>Scupper</b>								
Cast Iron	100%	4+	\$21,900	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 19 Scuppers</i>								

Superstructure

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**PROMENADE OVER FDR / 81ST TO 90TH STREET**

**Asset # : 2925**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Concrete	30%	2-4	\$4,875,700	LIFE	**	5	\$3,685,200	
<i>Cracks, Extent : Severe, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Defect Areas Are Covered In Mesh In 25 Percent Area. Limited Access To Deck, Structural.</i>								
Concrete	70%			LIFE	**	5	\$7,370,400	
Joints								
Generic	100%	4+	\$28,700	LIFE	**			
<i>Missing/Damaged Seal, Extent : Light, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Moderate, Area Affected : 1%</i> <i>Location : Near 84th Street</i> <i>Explanation : Uneven Joint</i>								
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 02-Nov-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2230209

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$116,100	\$4,252,800
<b>Total</b>	<b>\$116,100</b>	<b>\$4,252,800</b>
Importance Code A	\$116,100	\$1,341,600
Importance Code B		\$747,300
Importance Code C		\$2,163,900
<b>Total</b>	<b>\$116,100</b>	<b>\$4,252,800</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$66,800	\$11,100	\$150,800	\$120,400
<b>Total</b>	<b>\$66,800</b>	<b>\$11,100</b>	<b>\$150,800</b>	<b>\$120,400</b>
Importance Code A	\$21,200		\$75,900	
Importance Code B	\$11,200		\$75,000	\$115,800
Importance Code C	\$34,400	\$11,100		\$4,600
<b>Total</b>	<b>\$66,800</b>	<b>\$11,100</b>	<b>\$150,800</b>	<b>\$120,400</b>



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 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY**  
**Asset # : 2577**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Brick	95%			LIFE	**	3-5	\$84,100	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stone Facing</i>								
Masonry: Brick	5%	4+	\$2,200	LIFE	**	3-5	\$84,100	
<i>Joints Missing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Joint Mortar Missing Throughout Both Abutments</i>								
Masonry: Schist/Gneiss	5%	4+	\$9,000	LIFE	**	3-5	\$101,800	
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : End Of Abutment</i>								
<i>Explanation : Cracks</i>								
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	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Concrete Spans 1-5</i>								
Pier Protection								
Not Accessible	100%							
Approaches								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY**  
**Asset # : 2577**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	100%			2033	\$1,603,500	4	\$33,400	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	80%			LIFE		**		
Concrete w/ Steel Face	20%	4+	\$1,800	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Northwest Quadrant Asphalt Patch</i>								
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Embankment</b>								
Not Accessible	100%							
<b>Guide Railing</b>								
Steel	100%			LIFE		**	2-8	
<b>Median</b>								
Concrete	100%	4+	\$4,300	LIFE		**	5	\$500
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Northwest Quadrant Asphalt Patch</i>								
<b>Sidewalks</b>								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Piers</b>								
<b>Cap Beam</b>								
Concrete Encased Steel	4%	2-4	\$116,100	LIFE		**	5	\$259,500
<i>Spalling, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Northeast Beam End</i>								
Concrete Encased Steel	96%			LIFE		**	5	\$259,500
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible</i>								
<b>Pier,Columns</b>								
Not Accessible	100%							
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY**  
**Asset # : 2577**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Curbs								
Concrete w/ Steel Face	80%			LIFE		**		
Concrete w/ Steel Face	20%	2-4	\$3,200	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Guide Railing								
Steel	100%			LIFE		**		
Median								
Concrete	98%	4+	\$8,700	LIFE		**	5	\$1,900
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	2%	0-2	\$1,800	LIFE		**	5	\$1,900
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Misaligned/ Bulging</i>								
Railings/Parapets								
Masonry	2%	2-4	\$1,200	2041		**	5	\$900
<i>Spalling, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Southwest Corner</i>								
Masonry	98%			2041		**	5	\$1,800
Sidewalks								
Brick	100%			2052		**		
Concrete	10%	4+	\$6,400	2037		**	5	\$4,600
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	90%			2037		**	5	\$9,200

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BLVD. BRIDGE QUEENS BLVD/INTERBOROUGH PKWY**  
**Asset # : 2577**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Wearing Surface Asphalt	100%	4+	\$28,000	2033	\$560,400	5	\$21,500	
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Settlement, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	10%			LIFE	**	5	\$37,600	
Concrete	90%			LIFE	**	5	\$37,600	
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Not Accessible</i>							
<b>Primary Member</b>								
Steel	90%			LIFE	**	2-8	\$697,900	
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Not Accessible</i>							
Steel	10%			LIFE	**	2-8	\$697,900	
<b>Secondary Member</b>								
Steel	90%			LIFE	**	2-8	\$584,700	
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Not Accessible</i>							
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : QUEENS BOULEVARD 278I BROOKLYN-QUEENS EXPRESSWAY  
**Address** : QUEENS BLVD. EAST OF 65TH PLACE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0317.000 / 15176 **Yr Built/Renovated** : 1957 /  
**Area Sq Ft** : 25,704 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2230530

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$260,100
<b>Total</b>		<b>\$260,100</b>
Importance Code A		\$200,000
Importance Code C		\$60,100
<b>Total</b>		<b>\$260,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$20,100	\$41,300	\$20,300	\$4,200
<b>Total</b>	<b>\$20,100</b>	<b>\$41,300</b>	<b>\$20,300</b>	<b>\$4,200</b>
Importance Code A		\$2,400	\$20,300	
Importance Code C	\$20,100	\$38,800		\$4,200
<b>Total</b>	<b>\$20,100</b>	<b>\$41,300</b>	<b>\$20,300</b>	<b>\$4,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BOULEVARD 278I BROOKLYN-QUEENS EXPRESSWAY**  
**Asset # : 15176**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Abutments</b>							
Bridge Seat&pedestals Not Accessible	100%						
		<i>Other Observation, Extent : N/A, Area Affected : 0%</i>					
		<i>Location : Throughout</i>					
		<i>Explanation : Access Required On Brooklyn Queens Expressway Below</i>					
<hr/>							
Backwall Not Accessible	100%						
<hr/>							
Brngs,Ancr Blts,Pads Not Accessible	100%						
<hr/>							
Footings Not Accessible	100%						
<hr/>							
Joint with Deck Generic	100%			LIFE		**	
<hr/>							
Mat (scour & erosion) Generic	100%			LIFE		**	
		<i>Other Observation, Extent : N/A, Area Affected : 98%</i>					
		<i>Location : Throughout</i>					
		<i>Explanation : Mat Consists Of 2 Percent Generic, 98 Percent Not Accessible</i>					
<hr/>							
Pedestals Not Accessible	100%						
<hr/>							
Stem (breastwall) Concrete	100%			LIFE		**	
		<i>Cracks, Extent : Light, Area Affected : 20%</i>					
		<i>Location : Random Locations Throughout</i>					
		<i>Other Observation, Extent : N/A, Area Affected : 98%</i>					
		<i>Location : Throughout</i>					
		<i>Explanation : Stem Consists Of 2 Percent Concrete, 98 Percent Not Accessible</i>					
<hr/>							
<b>Wingwalls</b>							
Footings Not Accessible	100%						
<hr/>							
Mat (scour & erosion) Earth	100%			LIFE		**	
<hr/>							
Piles Not Accessible	100%						
<hr/>							
Walls Concrete	100%			LIFE		**	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>					
		<i>Location : Random Locations Throughout</i>					
<hr/>							
<b>Feature Crossed</b>							
Mat (scour & erosion) Generic	100%			LIFE		**	
<hr/>							
Pier Protection Concrete	100%			LIFE		**	
		<i>Other Observation, Extent : N/A, Area Affected : 98%</i>					
		<i>Location : Random Locations Throughout</i>					
		<i>Explanation : Pier Protection Consists Of 2 Percent Concrete, 98 Percent Not Accessible</i>					
<hr/>							
<b>Approaches</b>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BOULEVARD 278I BROOKLYN-QUEENS EXPRESSWAY**  
**Asset # : 15176**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Pavement</b>								
Concrete	100%			2041	**	4	\$116,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Northeast Approach Slab</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 70%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Embankment</b>								
Earth	100%			LIFE	**			
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			
<b>Median</b>								
Concrete	100%			LIFE	**	5	\$3,100	
Steel	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Fence In Between Lanes</i>								
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Steel	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Sidewalks</b>								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Both Approaches</i>								
<b>Piers</b>								
<b>Stem,Solid Pier</b>								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 98%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stem, Solid Pier Consists Of 2 Percent Concrete, 98 Percent Not Accessible</i>								
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							
<b>Footings</b>								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**QUEENS BOULEVARD 278I BROOKLYN-QUEENS EXPRESSWAY**  
**Asset # : 15176**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Mat (scour & erosion) Generic	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 98%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Mat Consists Of 2 Percent Generic, 98 Percent Not Accessible</i>								
<hr/>								
Pedestals								
Not Accessible	100%							
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 70%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Median								
Concrete	100%			LIFE	**	5	\$5,300	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 33 Percent Temporary Concrete Barrier; 67 Percent Concrete Median</i>								
Steel	100%			LIFE	**	4-8	\$14,500	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Railing On Top Of Concrete Parapet</i>								
<hr/>								
Railings/Parapets								
Concrete	100%			2041	**	4	\$7,300	
Steel	100%			LIFE	**	2-8	\$6,700	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Railing On Top Of Concrete Parapet</i>								
<hr/>								
Sidewalks								
Concrete	100%			2037	**	5	\$8,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Wearing Surface								
Concrete	100%	4+	\$20,100	2041	**	5	\$60,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								
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**  
**QUEENS BOULEVARD 278I BROOKLYN-QUEENS EXPRESSWAY**  
**Asset # : 15176**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	100%			LIFE	**	2-8	\$373,500	
		<i>Corrosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 98%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Primary Member Consists Of 2 Percent Steel, 98 Percent Not Accessible</i>						
<hr/>								
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : RAMP TO HHP NB /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 : 19-Oct-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 222934A

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$137,700	\$765,900
<b>Total</b>	<b>\$137,700</b>	<b>\$765,900</b>
Importance Code A	\$137,700	\$332,600
Importance Code B		\$312,800
Importance Code C		\$120,600
<b>Total</b>	<b>\$137,700</b>	<b>\$765,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$114,200	\$1,800	\$65,300	
<b>Total</b>	<b>\$114,200</b>	<b>\$1,800</b>	<b>\$65,300</b>	
Importance Code A	\$64,100	\$1,000	\$33,900	
Importance Code B	\$15,300		\$31,400	
Importance Code C	\$34,900	\$800		
<b>Total</b>	<b>\$114,200</b>	<b>\$1,800</b>	<b>\$65,300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RAMP TO HHP NB /RAMP TO NB HHP/AMTRAK WEST SIDE**

**Asset # : 2574**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	2-4	\$9,300	LIFE			**	
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : South End</i>								
<i>Explanation : Torn And Detached Expansion Joint Material</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE			**	
Walls								
Concrete	100%			LIFE			**	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Approaches								
Pavement								
Asphalt	100%			2033	\$120,600	4	\$2,400	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Isolated Locations Throughout</i>								
Concrete	100%	4+	\$9,400	2041		**	4	\$6,200
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Granite	100%			LIFE			**	
Embankment								
Earth	100%			LIFE			**	
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**  
**RAMP TO HHP NB /RAMP TO NB HHP/AMTRAK WEST SIDE**

**Asset # : 2574**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE		**		
Scupper								
Cast Iron	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Locations Throughout</i>						
		<i>Explanation : 1 Scupper</i>						
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$274,600
		<i>Corrosion, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Pier,Columns								
Steel	100%			LIFE		**	2-8	\$285,000
Stem,Solid Pier								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	2%	Now	\$6,400	2052		**		
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 35%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Concrete	98%			2052		**		
Granite	99%	4+	\$7,000	LIFE		**		
		<i>Settlement, Extent : Light, Area Affected : 5%</i>						
		<i>Location : On The Northwest Side</i>						
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Deteriorated/ Missing Joints At Granite Blocks</i>						
Granite	1%	Now	\$3,500	LIFE		**		
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : On West Side</i>						
Guide Railing								
Steel	100%	4+	\$9,000	LIFE		**		
		<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Near End Of Approach</i>						
		<i>Explanation : Impact Damage</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RAMP TO HHP NB /RAMP TO NB HHP/AMTRAK WEST SIDE**

**Asset # : 2574**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Median</b>								
Concrete	100%	4+	\$5,300	LIFE	**	5	\$2,600	
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 90%</i> <i>Location : Throughout</i> <i>Explanation : Grass Area</i>								
<b>Mono Deck Surface</b>								
Concrete	100%	4+	\$7,500	2052	**	5	\$28,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 50%</i> <i>Location : On East Side Around Span 20</i>								
<b>Railings/Parapets</b>								
Concrete	25%	Now	\$6,200	2041	**	4	\$2,100	
<i>Spalling, Extent : Severe, Area Affected : 100%</i> <i>Location : Southwest Side On Top Of Parapet</i>								
Concrete	75%			2041	**	4	\$3,100	
Steel	100%			LIFE	**	2-8	\$16,300	
<b>Sidewalks</b>								
Cobblestone	100%			2052	**			
<i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Along East Side</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : West And East Side</i> <i>Explanation : Vegetation Growth. Cobblestone Along West Side And Grassy Area Along East Side.</i>								
Concrete	100%	4+	\$16,500	2037	**	5	\$5,700	
<i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Vegetation Growth, Extent : Light, Area Affected : 5%</i> <i>Location : At West Side Of Sidewalk</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : 4 Scuppers Observed</i>								
<b>Superstructure</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RAMP TO HHP NB /RAMP TO NB HHP/AMTRAK WEST SIDE**

**Asset # : 2574**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Concrete	95%			LIFE	**	5	\$11,600	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Entire Deck</i>								
<i>Explanation : No Access To Tracks</i>								
Concrete	5%	4+	\$26,700	LIFE	**	5	\$11,600	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Joints								
Generic	5%	2-4	\$1,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
Generic	95%			LIFE	**			
Primary Member								
Steel	90%			LIFE	**	2-8	\$199,700	
Steel	10%	0-2	\$137,700	LIFE	**	2-8	\$199,700	
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : On Floor Beam Bottom Flanges, Particularly Heavy At Joints</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Steel	95%			LIFE	**	2-8	\$167,300	
Steel	5%	4+	\$5,900	LIFE	**	2-8	\$167,300	
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$270,900	\$1,301,200
<b>Total</b>	<b>\$270,900</b>	<b>\$1,301,200</b>
Importance Code A		\$1,129,500
Importance Code C	\$270,900	\$171,700
<b>Total</b>	<b>\$270,900</b>	<b>\$1,301,200</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$52,600		\$117,600	\$31,700
<b>Total</b>	<b>\$52,600</b>		<b>\$117,600</b>	<b>\$31,700</b>
Importance Code A			\$114,100	\$31,700
Importance Code B	\$7,200		\$3,500	
Importance Code C	\$45,400			
<b>Total</b>	<b>\$52,600</b>		<b>\$117,600</b>	<b>\$31,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RAMP TO THOMSON AVE. FROM NYC JACKSON AVENUE**

**Asset # : 14969**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Bank Protection								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Paved Roadway/ Parking Lot</i>					
Pier Protection								
Concrete	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%	4+	\$3,900	2039	**	4	\$7,400	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2039	**	4		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 95 Percent Concrete</i>					
Steel	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 5 Percent Steel</i>					
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$1,199,700	
Pier,Columns								
Concrete Encased Steel	7%	4+	\$7,200	LIFE	**	5	\$11,100	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete Encased Steel	93%			LIFE	**	5	\$11,100	
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$13,700	
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets Concrete	100%			2039	**	4	\$63,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 95 Percent Concrete</i>								
Steel	100%			LIFE	**	2-8	\$87,100	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 5 Percent Steel</i>								
Wearing Surface Concrete	100%	4+	\$270,900	2039	**	5	\$171,700	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper Cast Iron	100%			LIFE	**			
Superstructure								
Deck,Structural Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stay-in-place Form</i>								
Joints Steel	100%	4+	\$41,500	LIFE	**			
<i>Joints Missing, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member Steel	100%			LIFE	**	2-8	\$1,087,100	
Secondary Member Steel	100%			LIFE	**	2-8	\$54,600	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$79,000	\$588,400
<b>Total</b>	<b>\$79,000</b>	<b>\$588,400</b>
Importance Code A	\$79,000	\$185,800
Importance Code C		\$402,700
<b>Total</b>	<b>\$79,000</b>	<b>\$588,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$156,600	\$2,900	\$9,800	\$2,700
<b>Total</b>	<b>\$156,600</b>	<b>\$2,900</b>	<b>\$9,800</b>	<b>\$2,700</b>
Importance Code A	\$66,600		\$9,500	
Importance Code B	\$49,600		\$200	
Importance Code C	\$40,300	\$2,900		\$2,700
<b>Total</b>	<b>\$156,600</b>	<b>\$2,900</b>	<b>\$9,800</b>	<b>\$2,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RICHMOND VALLEY ROAD SIRT SOUTH SHORE**

**Asset # : 14967**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	7%	4+	\$12,700	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	93%			LIFE			**	
Feature Crossed								
Bank Protection								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Earth	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Railroad Tracks</i>					
Pier Protection								
Concrete	5%	4+	\$18,300	LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Cracks</i>					
Concrete	95%			LIFE			**	
Approaches								
Pavement								
Asphalt	5%	4+	\$6,000	2031	\$20,100	4	\$5,400	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Asphalt	95%			2031	\$382,500	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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE			**	
Sidewalks								
Concrete	100%	4+	\$900	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Piers</b>								
Cap Beam								
Concrete	7%	4+	\$79,000	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Exposed Reinforcement, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	93%			LIFE			**	
Pier,Columns								
Concrete	3%	4+	\$18,600	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	97%			LIFE			**	
Brngs,Ancr Blts,Pads								
Generic	100%			LIFE			**	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$3,900	LIFE			**	
			<i>Corrosion, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$8,000

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RICHMOND VALLEY ROAD SIRT SOUTH SHORE**

**Asset # : 14967**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	9%	4+	\$14,900	2035	**	5	\$2,900	
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	91%			2035	**	5	\$5,700	
Wearing Surface								
Concrete	100%			2039	**	5	\$36,900	
Superstructure								
Deck, Structural								
Concrete	4%	4+	\$37,600	LIFE	**	5	\$10,200	
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 90%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Stay-in-place Form</i>								
Concrete	96%			LIFE	**	5	\$10,200	
Joints								
Not Accessible	100%							
Primary Member								
Concrete Encased Steel	4%	4+	\$25,100	LIFE	**	5	\$46,900	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 70 Percent Concrete Encased Steel</i>								
Concrete Encased Steel	96%			LIFE	**	5	\$46,900	
Steel	100%			LIFE	**	2-8	\$171,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 30 Percent Steel</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Superstructure								
Secondary Member								
	Concrete Encased Steel	100%			2058		* *	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 70 Percent Concrete Encased Steel</i>								
	Steel	100%			LIFE		* *	\$3,700
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 30 Percent Steel</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : RIVERDALE AVENUE HENRY HUDSON PARKWAY  
**Address** : RIVERDALE AVENUE OVER HENRY HUDSON PKWY  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0370.000 / 15388 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,940 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 22-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2229510

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$54,700		\$9,900	
<b>Total</b>	<b>\$54,700</b>		<b>\$9,900</b>	
Importance Code A	\$14,300		\$200	
Importance Code B	\$31,800			
Importance Code C	\$8,600		\$9,700	
<b>Total</b>	<b>\$54,700</b>		<b>\$9,900</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIVERDALE AVENUE HENRY HUDSON PARKWAY**

**Asset # : 15388**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Stem (breastwall)								
Concrete	10%	4+	\$12,000	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	90%			LIFE	**			
Granite	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE	**			
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**			
Pier Protection								
Concrete	5%	4+	\$5,700	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Southbound Henry Hudson Parkway</i>					
Concrete	95%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2042	**	4	\$19,500	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Granite	100%			LIFE	**			
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  
RIVERDALE AVENUE HENRY HUDSON PARKWAY**

**Asset # : 15388**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE			**	
Generic	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Southeast And Southwest Corners</i>								
<i>Explanation : Earth</i>								
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$14,000	LIFE			**	
<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northbound Henry Hudson Parkway</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Granite	100%			LIFE			**	
Steel	100%			LIFE		2-8	\$7,000	
Sidewalks								
Concrete	100%	4+	\$5,500	2038			**	\$1,600
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$3,100	2042			**	\$9,300
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near Curb line</i>								
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$11,600	LIFE			**	\$5,400
<i>Efflorescence, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Above Northbound Henry Hudson Parkway</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 04-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246720

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$17,845,100	\$5,614,200
<b>Total</b>	<b>\$17,845,100</b>	<b>\$5,614,200</b>
Importance Code A	\$13,145,100	\$5,155,700
Importance Code B	\$3,384,000	
Importance Code C	\$1,315,900	\$458,500
<b>Total</b>	<b>\$17,845,100</b>	<b>\$5,614,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$1,366,400		\$298,000	
<b>Total</b>	<b>\$1,366,400</b>		<b>\$298,000</b>	
Importance Code A	\$1,319,800		\$298,000	
Importance Code B				
Importance Code C	\$46,600			
<b>Total</b>	<b>\$1,366,400</b>		<b>\$298,000</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%	4+	\$159,400	LIFE			**	
<i>Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Begin Abutment</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Substructure. Bridge Components And Defects Identified From Biennial.</i>								
Granite	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Substructure. Bridge Components Identified From Biennial.</i>								
<b>Backwall</b>								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Substructure. Bridge Components Identified From Biennial.</i>								
<b>Brngs,Ancr Blts,Pads</b>								
Steel	100%			LIFE			**	
<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Both Abutments</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Substructure. Bridge Components And Defects Identified From Biennial.</i>								
<b>Footings</b>								
Not Accessible	100%							
<b>Joint with Deck</b>								
Generic	100%	2-4	\$198,100	LIFE			**	
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : End Abutment</i>								
<i>Explanation : Worn Out Filler. West Side Not Accessible Due To Construction.</i>								
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Substructure. Bridge Components Identified From Biennial.</i>								
<b>Pedestals</b>								
Concrete	100%	4+	\$291,800	LIFE			**	
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Begin Abutment</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Substructure. Bridge Components And Defects Identified From Biennial.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Stem (breastwall)								
Concrete	100%	4+	\$190,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Substructure. Bridge Components And Defects Identified From Biennial.</i>								
Granite	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Substructure. Bridge Components Identified From Biennial.</i>								
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Wingwall. Bridge Components Identified From Biennial.</i>								
<b>Piles</b>								
Not Accessible	100%							
<b>Walls</b>								
Granite	100%	4+	\$46,600	LIFE		**		
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : No Access To Wingwall Throughout. Bridge Components And Defects Identified From Biennial. Paint Peeling</i>								
Masonry	100%			LIFE		**		
<i>Vegetation Growth, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Begin Abutment</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Wingwalls. Bridge Components And Defects Identified From Biennial.</i>								
<b>Feature Crossed</b>								
<b>Bank Protection</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pier Protection</b>								
Not Accessible	100%							
<b>Approaches</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Pavement</b>								
Concrete	100%	2-4	\$165,000	2042	**	4	\$30,800	
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : North Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Approach</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Failed Asphalt Patches. West Half Not Accessible Due To Construction.</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Southeast Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout Southwest Side</i>								
<i>Explanation : Not Accessible Due To Construction</i>								
Granite	100%	4+	\$5,300	LIFE	**			
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout Northwest Side</i>								
<i>Explanation : Not Accessible Due To Construction</i>								
<b>Embankment</b>								
Generic	100%			LIFE	**			
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE	**			
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Concrete	100%			2042	**	4		
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout West Half</i>								
<i>Explanation : Not Accessible Due To Construction</i>								
Granite	100%	4+	\$4,900	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Missing Joint Mortar</i>								
Steel	100%			LIFE	**			
<b>Sidewalks</b>								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Southeast Corner</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout West Half</i>								
<i>Explanation : Not Accessible Due To Construction</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total Of 2 Scuppers. West Half Not Accessible Due To Construction</i>								
<hr/>								
<b>Piers</b>								
Cap Beam								
Concrete Encased Steel	100%			LIFE		**	5	\$38,200
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Piers. Bridge Components Identified From Biennial.</i>								
Steel	100%			LIFE		**	2-8	\$5,644,300
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Piers. Bridge Components And Defects Identified From Biennial.</i>								
<hr/>								
<b>Pier,Columns</b>								
Concrete Encased Steel	100%	0-2	\$1,356,300	LIFE		**	5	\$900
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : No Access To Piers Throughout. Bridge Components And Defects Identified From Biennial. Corrosion</i>								
<hr/>								
<b>Stem,Solid Pier</b>								
Masonry	100%	4+	\$1,459,300	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : On Face And Base Of Pier Respectively</i>								
<i>Explanation : No Access To Piers Throughout. Bridge Components Identified From Biennial. Hollow Sound Area And Vertical Cracks And Vegetation Growth</i>								
<hr/>								
<b>Brngs,Ancr Blts,Pads</b>								
Steel	100%	2-4	\$1,073,500	LIFE		**	2-8	\$173,900
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Missing Anchor Bolts On Several Spans</i>								
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Several Spans</i>								
<i>Explanation : No Access To Piers. Bridge Components And Defects Identified From Biennial.</i>								
<hr/>								
<b>Footings</b>								
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**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Piers. Bridge Components Identified From Biennial.</i>								
<hr/>								
<b>Pedestals</b>								
Concrete	100%	4+	\$180,200	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Crack On Right Wall That Propagates Into Pedestal</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Piers. Bridge Components And Defects Identified From Biennial.</i>								
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout West Half</i>								
<i>Explanation : Not Accessible Due To Construction</i>								
<hr/>								
Granite	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout West Half</i>								
<i>Explanation : Not Accessible Due To Construction</i>								
<hr/>								
<b>Railings/Parapets</b>								
Granite	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Significant Defects On East Side. West Side Is Under Construction.</i>								
<hr/>								
Masonry	100%	4+	\$53,700	2042		**	5	\$12,900
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout East Side</i>								
<i>Explanation : West Side Is Under Construction Throughout. Joint Mortar Missing/ Eroded.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$149,800	2038	**	5	\$58,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout East Half</i> <i>Other Observation, Extent : N/A, Area Affected : 50%</i> <i>Location : Throughout</i> <i>Explanation : Not Accessible Due To Construction On West Side. Temporary Asphalt Sidewalk On 80 Percent Of East Side.</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	100%			2034	**	5	\$149,500	
<i>Cracks, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout East Side</i> <i>Other Observation, Extent : N/A, Area Affected : 50%</i> <i>Location : Throughout</i> <i>Explanation : West Side Is Under Construction</i>								
Concrete	100%	2-4	\$512,900	2042	**	5	\$325,000	
<i>Cracks, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout East Side</i> <i>Spalling, Extent : Moderate, Area Affected : 2%</i> <i>Location : Random Locations Throughout East Side</i> <i>Other Observation, Extent : Moderate, Area Affected : 2%</i> <i>Location : At Riverside Dr East And Riverside Dr West</i> <i>Explanation : West Side Is Under Construction Throughout. Failed Asphalt Patches</i>								
<hr/>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout West Side</i> <i>Explanation : Not Accessible Due To Construction</i>								
<hr/>								
<b>Superstructure</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIVERSIDE DR. VIADUCT BRIDGE RIVERSIDE DR/W. 158TH ST**  
**Asset # : 2493**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	70%			LIFE	**	5	\$355,100	
Concrete	30%	4+	\$3,220,900	LIFE	**	5	\$177,500	
<i>Cracks, Extent : Moderate, Area Affected : 25%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : No Access To Superstructure. Bridge Components And Defects Identified From Biennial.</i>								
<b>Joints</b>								
Steel	100%	2-4	\$413,500	LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i> <i>Location : On East Side</i> <i>Other Observation, Extent : N/A, Area Affected : 30%</i> <i>Location : At South End</i> <i>Explanation : Paved Over With Asphalt On East Side. Not Accessible Due To Construction On West Side.</i>								
<b>Primary Member</b>								
Concrete Encased Steel	90%			LIFE	**	5	\$1,829,000	
Concrete Encased Steel	10%	2-4	\$4,357,400	LIFE	**	5	\$914,500	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Corrosion, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : No Access To Superstructure. Bridge Components And Defects Identified From Biennial.</i>								
Steel	100%			LIFE	**	2-8	\$4,600,500	
<i>Rust Stains, Extent : Light, Area Affected : 25%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : No Access To Superstructure. Bridge Components And Defects Identified From Biennial.</i>								
<b>Secondary Member</b>								
Concrete Encased Steel	100%			2061	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : No Access To Superstructure. Bridge Components Identified From Biennial.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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**

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : RIVERSIDE DRIVE SOUTH AMTRAK  
 Address : RIVERSIDE DRIVE(BLVD) & W70TH ST  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : DOT0288.000 / 15046 Yr Built/Renovated :  
 Area Sq Ft : 68,869 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 25-Oct-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2269200

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$119,000	\$952,300
<b>Total</b>	<b>\$119,000</b>	<b>\$952,300</b>
Importance Code A		\$833,200
Importance Code C	\$119,000	\$119,000
<b>Total</b>	<b>\$119,000</b>	<b>\$952,300</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$71,000		\$100,200	
<b>Total</b>	<b>\$71,000</b>		<b>\$100,200</b>	
Importance Code A	\$44,300		\$68,700	
Importance Code B	\$4,800		\$4,100	
Importance Code C	\$21,900		\$27,500	
<b>Total</b>	<b>\$71,000</b>		<b>\$100,200</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIVERSIDE DRIVE SOUTH AMTRAK**  
**Asset # : 15046**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Side</i>								
<i>Explanation : Only South Abutment</i>								
Backwall Concrete	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : South Abutment</i>								
Brngs,Ancr Blts,Pads Elastomeric	100%			2051		**		
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
<i>Leakage, Extent : Light, Area Affected : 30%</i>								
<i>Location : South Abutment</i>								
Mat (scour & erosion) Earth	100%	Now	\$4,800	LIFE		**		
<i>Erosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Southeast Corner Of South Abutment</i>								
Pedestals Concrete	100%			LIFE		**		
Stem (breastwall) Concrete	100%			LIFE		**		
Walls Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Adjacent To Amtrak</i>								
<i>Explanation : Wall Located Behind Final Pier On North End</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southwest Wall</i>								
Feature Crossed								
Mat (scour & erosion) Earth	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**  
**RIVERSIDE DRIVE SOUTH AMTRAK**  
**Asset # : 15046**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Concrete	100%			2040	**	4	\$21,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete	100%	4+	\$2,000	LIFE	**			
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Northwest Approach</i>								
Concrete w/ Steel Face	100%			LIFE	**			
Granite	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : North Approach</i>								
<i>Explanation : Stone Curbs On North Approach</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$1,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Southwest Approach</i>								
<i>Explanation : Only On Southwest Corner</i>								
Sidewalks								
Concrete	100%			LIFE	**			
Scupper								
Cast Iron	100%			LIFE	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Underside Of Several Pier Caps</i>								
<i>Explanation : Water Stains</i>								
Pier,Columns								
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**  
**RIVERSIDE DRIVE SOUTH AMTRAK**  
**Asset # : 15046**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2040	**	4	\$20,600	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout West Side</i>								
Steel	100%			LIFE	**	2-8	\$8,500	
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Northwest Parapet</i>								
<i>Explanation : Steel Fence On North Portion Of Concrete Parapet</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%			2036	**	5	\$54,900	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	100%			2040	**	5	\$238,100	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bridge Deck</i>								
<i>Explanation : 5 Scuppers On Bridge</i>								
Galvanized Steel	100%			LIFE	**			
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	2%	2-4	\$34,900	LIFE	**	5	\$75,800	
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout, Stay In Place Forms</i>								
<i>Efflorescence, Extent : Light, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Concrete	98%			LIFE	**	5	\$75,800	
<hr/>								
<b>Joints</b>								
Generic	100%	0-2	\$14,700	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Depressed And Dislodged. Collecting Debris.</i>								
<hr/>								
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8	\$1,273,200	
<hr/>								
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$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.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : ROCKAWAY BOULEVARD OVER HOOK CREEK  
**Address** : ROCKAWAY BLVD BTWN 3RD ST & EAST AVE, JAMAICA  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0378.000 / 15397 **Yr Built/Renovated** :  
**Area Sq Ft** : 18,135 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2300130

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$18,800		\$2,800	\$40,300
<b>Total</b>	<b>\$18,800</b>		<b>\$2,800</b>	<b>\$40,300</b>
Importance Code A	\$12,600		\$2,800	
Importance Code C	\$6,300			\$40,300
<b>Total</b>	<b>\$18,800</b>		<b>\$2,800</b>	<b>\$40,300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROCKAWAY BOULEVARD OVER HOOK CREEK**

**Asset # : 15397**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 95%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Feature Crossed								
Bank Protection								
Sheet Piling	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : At South Abutment Only</i>					
Mat (scour & erosion)								
Stream Bed	100%			LIFE		**		
Approaches								
Pavement								
Concrete	100%	4+	\$6,300	2042		**	4	\$22,100
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Near South Abutment Joint</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
ROCKAWAY BOULEVARD OVER HOOK CREEK**

**Asset # : 15397**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$3,400	LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southwest Corner</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	\$4,700	2042		**	4	\$900
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Southwest Corner</i>								
Steel	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stream Channel</i>								
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  
ROCKAWAY BOULEVARD OVER HOOK CREEK**

**Asset # : 15397**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Piles								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%			2042		**	4	\$5,100
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE		**	2-8	\$11,400
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Concrete Parapet</i>								
Sidewalks								
Concrete	100%			2038		**	5	\$5,300
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2042		**	5	\$80,600
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Full Width Transverse Cracks Along Pier And Longitudinal Crack On Westbound Lane</i>								
<b>Superstructure</b>								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$279,900
<b>Total</b>		<b>\$279,900</b>
Importance Code A		\$131,000
Importance Code C		\$148,900
<b>Total</b>		<b>\$279,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$146,100		\$13,500	
<b>Total</b>	<b>\$146,100</b>		<b>\$13,500</b>	
Importance Code A	\$84,400		\$13,100	
Importance Code B	\$28,900		\$400	
Importance Code C	\$32,800			
<b>Total</b>	<b>\$146,100</b>		<b>\$13,500</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT AVENUE SHEA ROAD**  
**Asset # : 14974**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%	4+	\$5,100	LIFE			**	
	<i>Cracks, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 3%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 50 Percent Conrete</i>							
Not Accessible	100%	<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Throughout</i> <i>Explanation : End Abutment; 50 Percent Not Accessible</i>						
<b>Backwall</b>								
Concrete	100%	4+	\$15,400	LIFE			**	
	<i>Cracks, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 3%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 50 Percent Concrete</i>							
Not Accessible	100%	<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Throughout</i> <i>Explanation : End Abutment; 50 Percent Not Accessible</i>						
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							
<b>Footings</b>								
Not Accessible	100%							
<b>Joint with Deck</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE			**	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 50 Percent Generic</i>							
Not Accessible	100%	<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Throughout</i> <i>Explanation : End Abutment; 50 Percent Not Accessible</i>						
<b>Pedestals</b>								
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		Priority
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+	\$12,400	LIFE			**	
	<i>Cracks, Extent : Light, Area Affected : 8%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Concrete</i>							
Concrete	97%			LIFE			**	
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : End Abutment; 50 Percent Not Accessible</i>							
Walls								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : End Abutment; 50 Percent Not Accessible</i>							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE			**	
	<i>Efflorescence, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random Locations Throughout</i>							
Feature Crossed								
Bank Protection								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE			**	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Paved Roadway</i>							
Approaches								
Pavement								
Asphalt	100%	4+	\$3,000	2031	\$148,900	4	\$4,300	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%			LIFE		**		
Sidewalks								
Concrete	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 70 Percent Concrete</i>						
Generic	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 30 Percent Generic (Earth)</i>						
Piers								
Stem,Solid Pier								
Concrete	4%	4+	\$16,500	LIFE		**		
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 3%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 45 Percent Concrete</i>						
Concrete	96%			LIFE		**		
Masonry	100%			LIFE		**		
		<i>Efflorescence, Extent : Light, Area Affected : 4%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 10 Percent Masonry</i>						
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Pier 3</i>						
		<i>Explanation : 45 Percent Not Accessible</i>						
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Mat (scour & erosion) Generic	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Generic</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Pier 3; 50 Percent Not Accessible</i>							
<b>Pedestals</b>								
Not Accessible	100%							
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	7%	4+	\$11,700	2050		**		
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Concrete	93%			2050		**		
<b>Railings/Parapets</b>								
Cast Iron	100%			LIFE		**		
<b>Sidewalks</b>								
Concrete	100%	4+	\$10,500	2035		**	5	\$3,100
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Wearing Surface</b>								
Asphalt	100%	4+	\$3,900	2031	\$38,700		5	\$3,100
	<i>Cracks, Extent : Light, Area Affected : 4%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Superstructure</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT AVENUE SHEA ROAD**  
**Asset # : 14974**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%	4+	\$39,000	LIFE	**	5	\$7,300	
	<i>Cracks, Extent : Light, Area Affected : 8%</i> <i>Location : Random Locations Throughout</i> <i>Exposed Reinforcement, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 50 Percent Concrete</i>							
Not Accessible	100%	<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Throughout</i> <i>Explanation : 50 Percent Not Accessible</i>						
Joints								
Not Accessible	100%							
Primary Member								
Steel	3%	4+	\$28,700	LIFE	**	2-8	\$122,300	
	<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Southeast Fascia and Northwest Fascia</i> <i>Explanation : Impact Damage; 50 Percent Steel</i>							
Steel	97%			LIFE	**	2-8	\$122,300	
Not Accessible	100%	<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Throughout</i> <i>Explanation : Spans 2 And 4; 50 Percent Not Accessible</i>						
Secondary Member								
Steel	100%			LIFE	**	2-8	\$6,100	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 50 Percent Steel</i>							
Not Accessible	100%	<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Throughout</i> <i>Explanation : Span 2 And 4; 50 Percent Not Accessible</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : ROSE AVE SIRT SOUTH SHORE  
**Address** : ROSE AVENUE AT NEW DORP PLAZA AND S. RAILROAD AVENUE  
**Borough** : STATEN ISLAND Agency's Number : N/A  
**Program / Asset #** : DOT0263.000 / 15017 Yr Built/Renovated :  
**Area Sq Ft** : 3,700 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 09-Jan-2020 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2249420

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$60,300	
<b>Total</b>	<b>\$60,300</b>	
Importance Code B	\$60,300	
<b>Total</b>	<b>\$60,300</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$47,600	\$7,300	\$4,000	
<b>Total</b>	<b>\$47,600</b>	<b>\$7,300</b>	<b>\$4,000</b>	
Importance Code A			\$3,800	
Importance Code B	\$34,000		\$200	
Importance Code C	\$13,600	\$7,300		
<b>Total</b>	<b>\$47,600</b>	<b>\$7,300</b>	<b>\$4,000</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROSE AVE SIRT SOUTH SHORE**  
**Asset # : 15017**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	6%	Now	\$23,500	LIFE	**			
		<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 60%</i>						
		<i>Location : Throughout</i>						
Generic	94%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : West Abutment</i>						
		<i>Explanation : Concrete Pavers</i>						
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Concrete	2%	Now	\$60,300	LIFE	**			
		<i>Spalling, Extent : Moderate, Area Affected : 2%</i>						
		<i>Location : East Abutment</i>						
Concrete	98%			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	**			
Pier Protection								
Concrete	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2040	**	4	\$30,800	
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROSE AVE SIRT SOUTH SHORE**  
**Asset # : 15017**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
Sidewalks								
Concrete	100%			LIFE		**		
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Pier,Columns								
Concrete	100%	Now	\$10,500	LIFE		**		
<i>Spalling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : South Column</i>								
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		**		
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$3,100
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROSE AVE SIRT SOUTH SHORE**  
**Asset # : 15017**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%	Now	\$3,300	2036	**	5	\$1,100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$14,700	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$4,100	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$68,400	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$3,400	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : ROSS AVENUE SIRT SOUTH SHORE  
**Address** : ROSS AVE AT NEW DORP PLAZA AND S. RAILROAD AVE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0262.000 / 15016 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,700 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 12-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249410

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$38,800	\$7,300	\$100	
<b>Total</b>	<b>\$38,800</b>	<b>\$7,300</b>	<b>\$100</b>	
Importance Code A	\$24,000		\$100	
Importance Code C	\$14,900	\$7,300		
<b>Total</b>	<b>\$38,800</b>	<b>\$7,300</b>	<b>\$100</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROSS AVENUE SIRT SOUTH SHORE**  
**Asset # : 15016**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
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	100%			LIFE			**	
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%			LIFE			**	
Approaches								
Pavement								
Concrete	100%			2040		**	4	\$30,800
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%	Now	\$6,200	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**  
**ROSS AVENUE SIRT SOUTH SHORE**  
**Asset # : 15016**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	7%	4+	\$1,300	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	93%			LIFE		**		
Piers								
Cap Beam								
Concrete	100%	Now	\$11,900	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Of Cap</i>								
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)								
Generic	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Steel	100%	Now	\$5,800	LIFE		**	2-8	\$3,100
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Damaged Railing, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$3,300	2036		**	5	\$1,100
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040		**	5	\$14,700
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROSS AVENUE SIRT SOUTH SHORE**  
**Asset # : 15016**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : SACKETT STREET 278I (B.Q.E.)  
 Address : SACKETT ST OVER BKLN QNS EXPWY BET. HENRY ST & COLUMBIA ST  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : DOT0302.000 / 15060 Yr Built/Renovated : 1952 /  
 Area Sq Ft : 4,856 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 05-Nov-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2230370

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$538,500
<b>Total</b>		<b>\$538,500</b>
Importance Code C		\$538,500
<b>Total</b>		<b>\$538,500</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$26,800		\$1,800	\$2,100
<b>Total</b>	<b>\$26,800</b>		<b>\$1,800</b>	<b>\$2,100</b>
Importance Code A			\$100	
Importance Code B	\$23,500			
Importance Code C	\$3,400		\$1,700	\$2,100
<b>Total</b>	<b>\$26,800</b>		<b>\$1,800</b>	<b>\$2,100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SACKETT STREET 278I (B.Q.E.)**  
**Asset # : 15060**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Abutments</b>							
Bridge Seat&pedestals							
Not Accessible	100%						
Backwall							
Not Accessible	100%						
Brngs,Ancr Blts,Pads							
Not Accessible	100%						
Footings							
Not Accessible	100%						
Joint with Deck							
Generic	100%	Now	\$23,500	LIFE			**
			<i>Spalling, Extent : Moderate, Area Affected : 5%</i>				
			<i>Location : West Approach</i>				
Mat (scour & erosion)							
Not Accessible	100%						
Pedestals							
Not Accessible	100%						
Stem (breastwall)							
Not Accessible	100%						
Walls							
Not Accessible	100%						
<b>Wingwalls</b>							
Footings							
Not Accessible	100%						
Mat (scour & erosion)							
Earth	100%			LIFE			**
Piles							
Not Accessible	100%						
Walls							
Brick Veneer	100%			LIFE			**
			<i>Spalling, Extent : Light, Area Affected : 5%</i>				
			<i>Location : Random Locations Throughout</i>				
<b>Feature Crossed</b>							
Bank Protection							
Not Accessible	100%						
Mat (scour & erosion)							
Not Accessible	100%						
Pier Protection							
Not Accessible	100%						
<b>Approaches</b>							
Pavement							
Asphalt	100%			2032	\$484,400	4	\$10,100
			<i>Cracks, Extent : Light, Area Affected : 5%</i>				
			<i>Location : West Approach</i>				
Embankment							
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**  
**SACKETT STREET 278I (B.Q.E.)**  
**Asset # : 15060**

Bridge Structure System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Approaches							
Pavement Base							
Not Accessible	100%						
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	\$3,400
							<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>
							<i>Location : Chain Link Fence</i>
Sidewalks							
Concrete	100%			2036	**	5	\$3,400
							<i>Cracks, Extent : Light, Area Affected : 1%</i>
							<i>Location : Random Locations Throughout</i>
Wearing Surface							
Asphalt	100%			2032	\$54,100	5	\$4,200
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: 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 26-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241390

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$7,700	\$24,600	\$200	
<b>Total</b>	<b>\$7,700</b>	<b>\$24,600</b>	<b>\$200</b>	
Importance Code A	\$1,700		\$200	
Importance Code C	\$6,000	\$24,600		
<b>Total</b>	<b>\$7,700</b>	<b>\$24,600</b>	<b>\$200</b>	



*Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**SHORE ROAD BRIDGE**  
**Asset # : 14581**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	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								
Concrete	100%			LIFE			**	
Feature Crossed								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Approaches								
Pavement								
Concrete	100%			2040	**	4	\$17,000	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
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**  
**SHORE ROAD BRIDGE**  
**Asset # : 14581**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
<b>Sidewalks</b>								
Asphalt	100%			2032	\$27,500	4	\$1,100	
Concrete	100%			LIFE	**			
Generic	100%			LIFE	**			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Grass Strips</i>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Railings/Parapets</b>								
Concrete	100%			2040	**	4	\$5,000	
Steel	100%			LIFE	**	2-8	\$4,500	
<b>Sidewalks</b>								
Concrete	100%			2036	**	5		
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Concrete	100%			2040	**	5	\$49,200	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
<b>Primary Member</b>								
Not Accessible	100%							
<b>Secondary Member</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 12-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249269

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$97,200	\$1,073,300
<b>Total</b>	<b>\$97,200</b>	<b>\$1,073,300</b>
Importance Code A		\$439,500
Importance Code B		\$439,500
Importance Code C	\$97,200	\$194,400
<b>Total</b>	<b>\$97,200</b>	<b>\$1,073,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$42,500		\$99,800	
<b>Total</b>	<b>\$42,500</b>		<b>\$99,800</b>	
Importance Code A	\$4,300		\$44,600	
Importance Code B	\$4,900		\$44,100	
Importance Code C	\$33,300		\$11,100	
<b>Total</b>	<b>\$42,500</b>		<b>\$99,800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE**

**Asset # : 2499**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Multi-Rotational Bearing	100%			2059	**			
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE	**			
Mat (scour & erosion) Generic	100%	4+	\$4,900	LIFE	**			
			<i>Settlement, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Vegetation Growth</i>					
Pedestals Concrete	100%			LIFE	**			
Stem (breastwall) Concrete	100%			LIFE	**			
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
Bank Protection Concrete	100%			LIFE	**			
Mat (scour & erosion) Stream Bed	100%			LIFE	**			
<b>Approaches</b>								
Pavement Concrete	100%			2040	**	4	\$46,200	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE**

**Asset # : 2499**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8	\$5,800	
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4		
		<i>Spalling, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 3%</i>						
		<i>Location : Random Locations Throughout</i>						
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Pier, Columns								
Concrete	100%			LIFE	**			
Brngs, Ancr Blts, Pads								
Multi-Rotational Bearing	100%			2059	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
		<i>Rust Stains, Extent : Moderate, Area Affected : 75%</i>						
		<i>Location : Throughout</i>						
Railings/Parapets								
Concrete	100%			2040	**	4	\$12,900	
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Steel	100%			LIFE	**	2-8	\$11,800	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : On Top Of Concrete Parapet</i>						
		<i>Explanation : Chain Link Fence</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SIRT SOUTH SHORE BRIDGE PAGE AVE/SIRT SOUTH SHORE**

**Asset # : 2499**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2036	**	5	\$22,200	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	22%	4+	\$17,900	2040	**	5	\$97,200	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	78%			2040	**	5	\$194,400	
Superstructure								
Deck, Structural								
Not Accessible	100%							
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.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : SOUTH CONDUIT BLVD. BELT SYSTEM - SOUTHERN PKWY  
**Address** : SOUTH CONDUIT BLVD OVER THE BELT PARKWAY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0280.000 / 15034 **Yr Built/Renovated** :  
**Area Sq Ft** : 15,774 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 03-Feb-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231560

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$156,100
<b>Total</b>		<b>\$156,100</b>
Importance Code A		\$156,100
<b>Total</b>		<b>\$156,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$28,100	\$43,900	\$17,000	
<b>Total</b>	<b>\$28,100</b>	<b>\$43,900</b>	<b>\$17,000</b>	
Importance Code A	\$4,800		\$16,000	
Importance Code B			\$900	
Importance Code C	\$23,300	\$43,900		
<b>Total</b>	<b>\$28,100</b>	<b>\$43,900</b>	<b>\$17,000</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**SOUTH CONDUIT BLVD. BELT SYSTEM - SOUTHERN PKWY**

**Asset # : 15034**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			**	
Backwall								
Concrete	100%			LIFE			**	
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
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	10%	4+	\$9,400	LIFE			**	
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Southwest Wing Wall</i>								
Concrete	90%			LIFE			**	
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%			LIFE			**	
Approaches								
Pavement								
Concrete	100%			2040		**	4	\$41,700
Embankment								
Earth	100%			LIFE			**	
Mat (scour & erosion)								
Not Accessible	100%							
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**  
**SOUTH CONDUIT BLVD. BELT SYSTEM - SOUTHERN PKWY**

**Asset # : 15034**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Railings/Parapets								
Concrete	100%			2040	**	4	\$3,700	
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Top Of Concrete Parapet</i>								
<i>Explanation : Chain Link Fence</i>								
<b>Piers</b>								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
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%							
<b>Deck Elements</b>								
Railings/Parapets								
Concrete	100%			2040	**	4	\$10,800	
Steel	100%			LIFE	**	2-8	\$9,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Top Of Concrete Parapet</i>								
<i>Explanation : Chain Link Fence</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$87,900	
<b>Superstructure</b>								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$17,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bottom Of The Deck</i>								
<i>Explanation : Stay In Place Is In Good Condition</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$291,600	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$14,700	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 10-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 223201C

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$3,626,100
<b>Total</b>		<b>\$3,626,100</b>
Importance Code A		\$707,700
Importance Code B		\$482,200
Importance Code C		\$2,436,200
<b>Total</b>		<b>\$3,626,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$15,100		\$119,700	\$6,200
<b>Total</b>	<b>\$15,100</b>		<b>\$119,700</b>	<b>\$6,200</b>
Importance Code A			\$71,400	
Importance Code B			\$48,400	
Importance Code C	\$15,100			\$6,200
<b>Total</b>	<b>\$15,100</b>		<b>\$119,700</b>	<b>\$6,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SOUTH ST RAMP TO FDR/SOUTH ST**  
**Asset # : 4325**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Inside Cellular Abutment</i>								
<i>Explanation : A Furnished Office Space</i>								
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE	**			
Granite	100%			LIFE	**			
<b>Feature Crossed</b>								
Mat (scour & erosion) Generic	100%			LIFE	**			
<b>Approaches</b>								
Pavement Asphalt	100%			2032	\$2,267,300	4	\$45,300	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Pavement Base Not Accessible	100%							
Railings/Parapets Concrete	100%			2040	**	4		
<b>Piers</b>								
Cap Beam Steel	100%			LIFE	**	2-8	\$739,200	
Pier,Columns Steel	100%			LIFE	**	2-8	\$271,300	

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**  
**SOUTH ST RAMP TO FDR/SOUTH ST**  
**Asset # : 4325**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier Granite	100%			LIFE		**		
		<i>Efflorescence, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Pier 7</i>						
		<i>Explanation : Pier 7 Is A Solid Stem Pier</i>						
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
Railings/Parapets Steel	100%			LIFE		**	2-8	\$11,500
Wearing Surface Asphalt	100%			2032	\$168,900	5		\$12,400
Scupper Cast Iron	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout Deck</i>						
		<i>Explanation : 10 Scuppers</i>						
<b>Superstructure</b>								
Deck,Structural Concrete	100%			LIFE		**	5	\$10,400
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Stay In Place Forms Under Deck</i>						
Joints Generic	100%			LIFE		**		
Primary Member Steel	100%			LIFE		**	2-8	\$724,700
		<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Secondary Member Steel	100%			LIFE		**	2-8	\$607,100
		<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 10-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 223201D

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$2,036,900
<b>Total</b>		<b>\$2,036,900</b>
Importance Code A		\$144,500
Importance Code B		\$1,892,400
<b>Total</b>		<b>\$2,036,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$17,500		\$204,300	
<b>Total</b>	<b>\$17,500</b>		<b>\$204,300</b>	
Importance Code A	\$14,200		\$14,500	
Importance Code B	\$3,400		\$189,800	
<b>Total</b>	<b>\$17,500</b>		<b>\$204,300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SOUTH ST/FDR SB RAMP**  
**Asset # : 4326**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
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+	\$3,400	LIFE	**			
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$224,300	
			<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$105,400	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Recent Repair Evident</i>					
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2040	**	4	\$42,500	
Wearing Surface								
Asphalt	100%			2032		5		
Scupper								
Cast Iron	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 16 Scuppers</i>					
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$19,800	
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$88,700	
			<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Secondary Member								
Steel	100%			LIFE	**	2-8	\$2,903,700	
			<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
SOUTH ST/FDR SB RAMP  
Asset # : 4326**

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : SOUTHERN BOULEVARD EAST FORDHAM ROAD  
 Address : SOUTHERN BLVD & E. FORDHAM ROAD  
 Borough : BRONX Agency's Number : N/A  
 Program / Asset # : DOT0371.000 / 15389 Yr Built/Renovated :  
 Area Sq Ft : 12,900 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 16-Mar-2022 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2242029

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$95,800	\$191,700
<b>Total</b>	<b>\$95,800</b>	<b>\$191,700</b>
Importance Code A	\$95,800	\$191,700
<b>Total</b>	<b>\$95,800</b>	<b>\$191,700</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$60,500		\$300	
<b>Total</b>	<b>\$60,500</b>		<b>\$300</b>	
Importance Code A	\$39,700		\$300	
Importance Code C	\$20,800			
<b>Total</b>	<b>\$60,500</b>		<b>\$300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SOUTHERN BOULEVARD EAST FORDHAM ROAD**

**Asset # : 15389**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Stem (breastwall)								
Masonry: Granite	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE	**			
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**			
Piers								
Stem,Solid Pier								
Granite	100%			LIFE	**			
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+	\$19,900	LIFE	**	5	\$2,100	
			<i>Spalling, Extent : Moderate, Area Affected : 8%</i>					
			<i>Location : Near Curb line</i>					
Railings/Parapets								
Granite	100%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$13,100	
Sidewalks								
Concrete	12%	4+	\$10,400	2038	**	5	\$4,300	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Near Curb line</i>					
Concrete	88%			2038	**	5	\$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  
SOUTHERN BOULEVARD EAST FORDHAM ROAD**

**Asset # : 15389**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Asphalt	7%	4+	\$4,900	2034	**	5	\$5,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Asphalt	93%			2034	**	5	\$11,100	
Superstructure								
Primary Member								
Concrete	2%	4+	\$14,700	LIFE	**	5	\$95,800	
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Southwest Side</i>								
<i>Recent Replace Evident, Extent : N/A, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Water Leakage</i>								
Concrete	98%			LIFE	**	5	\$191,700	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : SPRINGFIELD BOULEVARD BELT SYSTEM-SOUTHERN PKWY  
**Address** : SPRINGFIELD BLVD OVER BSOP BTW N & S CONDUITS  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0396.000 / 15416 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,091 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 19-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231630

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$384,900	
<b>Total</b>	<b>\$384,900</b>	
Importance Code A	\$384,900	
<b>Total</b>	<b>\$384,900</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$137,200		\$300	\$1,800
<b>Total</b>	<b>\$137,200</b>		<b>\$300</b>	<b>\$1,800</b>
Importance Code A	\$70,300		\$300	\$1,800
Importance Code C	\$66,900			
<b>Total</b>	<b>\$137,200</b>		<b>\$300</b>	<b>\$1,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**SPRINGFIELD BOULEVARD BELT SYSTEM-SOUTHERN PKWY**  
**Asset # : 15416**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Stem (breastwall)								
Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Vertical Cracks On Random Locations</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 60%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry: Granite	100%			LIFE			**	
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Asphalt Paving Underneath</i>					
Pier Protection								
Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 60%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Limited Access</i>					
Approaches								
Pavement								
Asphalt	100%	2-4	\$21,800	2034		**	4	\$5,300
			<i>Cracks, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Near Median On Southbound Lane</i>					
			<i>Explanation : Uneven Surface</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SPRINGFIELD BOULEVARD BELT SYSTEM-SOUTHERN PKWY**  
**Asset # : 15416**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete	100%	4+	\$1,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%	Now	\$5,600	LIFE		**	5	\$1,000
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Cast Iron	100%	2-4	\$26,600	LIFE		**		
<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loss of Section, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cast Iron Railing On Top Of Masonry Parapet</i>								
Masonry	100%			2042		**		
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence On Top Of Masonry Parapet</i>								
Sidewalks								
Concrete	100%	Now	\$800	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 10%</i>								
<i>Location : At East And West Ends</i>								
<i>Explanation : Limited Access On 70 Percent Area. Masonry Granite Fascia At Both Ends.</i>								
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**  
**SPRINGFIELD BOULEVARD BELT SYSTEM-SOUTHERN PKWY**

**Asset # : 15416**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	11%	0-2	\$31,200	2053			**	
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Concrete	89%			2053			**	
Railings/Parapets								
Cast Iron	100%	0-2	\$55,000	LIFE			**	
		<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Loss of Section, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Random Locations Near Base Of Railing Posts</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Cast Iron Railing On Top Of Masonry Parapet</i>						
Masonry	100%			2042			**	5 \$3,700
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Joint Mortar Missing/ Eroded</i>						
Steel	100%			LIFE			**	2-8 \$12,900
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Chain Link Fence On Top Of Masonry Parapet</i>						
Sidewalks								
Concrete	100%	Now	\$32,600	2038			**	5 \$2,000
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Wearing Surface								
Asphalt	100%	0-2	\$11,600	2034			**	5 \$3,900
		<i>Cracks, Extent : Moderate, Area Affected : 15%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Uneven Surface</i>						
Superstructure								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SPRINGFIELD BOULEVARD BELT SYSTEM-SOUTHERN PKWY**

**Asset # : 15416**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Concrete	30%	4+	\$329,900	LIFE	**	5	\$200	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Limited Access On 60 Percent Of Area. Covered With Wire Mesh.</i>					
Concrete	70%			LIFE	**	5	\$400	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 22-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240540

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$76,100	
<b>Total</b>	<b>\$76,100</b>	
Importance Code C	\$76,100	
<b>Total</b>	<b>\$76,100</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$63,800		\$400	\$35,900
<b>Total</b>	<b>\$63,800</b>		<b>\$400</b>	<b>\$35,900</b>
Importance Code A	\$14,700		\$400	
Importance Code C	\$49,000			\$35,900
<b>Total</b>	<b>\$63,800</b>		<b>\$400</b>	<b>\$35,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**STILLWELL AVE. BRIDGE**  
**Asset # : 13572**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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)								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 95%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
<b>Feature Crossed</b>								
Bank Protection								
Riprap	100%			LIFE		**		
Mat (scour & erosion)								
Stream Bed	100%			LIFE		**		
<b>Approaches</b>								
Pavement								
Concrete	100%	4+	\$76,100	2042		**	4	\$39,400
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i>								
<i>Location : South Approach Replaced</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Approach</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**STILLWELL AVE. BRIDGE**  
**Asset # : 13572**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	100%	4+	\$7,900	LIFE				**
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Recent Replace Evident, Extent : N/A, Area Affected : 25%</i>								
<i>Location : Southwest Corner</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE				**
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Sides</i>								
<i>Explanation : Chain Link Fence Attached To Steel Railing</i>								
Sidewalks								
Concrete	100%	2-4	\$49,000	LIFE				**
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Recent Replace Evident, Extent : N/A, Area Affected : 25%</i>								
<i>Location : Southwest Corner</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Northeast Corner And Southeast Corner</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE				**
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2061				**
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
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**  
**STILLWELL AVE. BRIDGE**  
**Asset # : 13572**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Mat (scour & erosion) Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stream Bed</i>								
<hr/>								
Pedestals								
Not Accessible	100%							
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$17,700
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout Chain Link Fence Posts</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : On Both Sides</i>								
<i>Explanation : Chain Link Fence Attached To Steel Railings</i>								
<hr/>								
Sidewalks								
Concrete	100%			2038		**	5	\$10,200
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Wearing Surface								
Concrete	100%			2042		**	5	\$71,700
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Total 4 Of Scuppers</i>								
<hr/>								
<b>Superstructure</b>								
Deck, Structural								
Not Accessible	100%							
<hr/>								
Primary Member								
Not Accessible	100%							
<hr/>								
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : SUNRISE HIGHWAY EASTBOUND OVER BELT PARKWAY EASTBOUND  
**Address** : SUNRISE HIGHWAY OVER BELT PKWY LAURELTON PKWY EASTBOUND  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0356.000 / 15370 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,922 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Jul-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231650

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$80,900	
<b>Total</b>	<b>\$80,900</b>	
Importance Code B	\$80,900	
<b>Total</b>	<b>\$80,900</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$48,300	\$1,300		
<b>Total</b>	<b>\$48,300</b>	<b>\$1,300</b>		
Importance Code A	\$23,100	\$1,300		
Importance Code C	\$25,200			
<b>Total</b>	<b>\$48,300</b>	<b>\$1,300</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**SUNRISE HIGHWAY EASTBOUND OVER BELT PARKWAY EASTBOUND**  
**Asset # : 15370**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
Bridge Seat&pedestals								
Not Accessible	100%							
<b>Backwall</b>								
Concrete	100%	0-2	\$14,300	LIFE				**
			<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>					
			<i>Location : West Abutment</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : West Abutment</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 50%</i>					
			<i>Location : On East Abutment</i>					
			<i>Explanation : Backwall Is Not Accessible</i>					
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							
<b>Footings</b>								
Not Accessible	100%							
<b>Joint with Deck</b>								
Generic	100%			LIFE				**
			<i>Other Observation, Extent : N/A, Area Affected : 50%</i>					
			<i>Location : Only At West Abutment</i>					
			<i>Explanation : Deck Joint Observed</i>					
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pedestals</b>								
Not Accessible	100%							
<b>Stem (breastwall)</b>								
Concrete	100%	Now	\$80,900	LIFE				**
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : West Abutment</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : West Abutment</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 50%</i>					
			<i>Location : On East Abutment</i>					
			<i>Explanation : Stem Not Accessible</i>					
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE				**
<b>Piles</b>								
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**  
**SUNRISE HIGHWAY EASTBOUND OVER BELT PARKWAY EASTBOUND**  
**Asset # : 15370**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Masonry	100%			LIFE		**		
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Random Locations</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southeast Wing Wall</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Concrete	100%			2041		**	4	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041		**	4	\$3,800
Deck Elements								
Railings/Parapets								
Concrete	100%			2041		**	4	
Wearing Surface								
Concrete	70%	4+	\$10,900	2041		**	5	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Near Northeast Corner</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Near Northeast Corner</i>								
Concrete	30%			2041		**	5	
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$23,100	LIFE		**	5	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Scaling</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SUNRISE HIGHWAY EASTBOUND OVER BELT PARKWAY EASTBOUND**

**Asset # : 15370**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member								
Steel	100%			LIFE		**	2-8	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Bottom Flange Of South Girder</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : North Girder Is Not Accessible</i>								
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : SUNRISE HIGHWAY WESTBOUND OVER BELT PARKWAY WESTBOUND  
**Address** : SUNRISE HIGHWAY WEST BOUND LAURELTON PKWY WESTBOUND  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0357.000 / 15371 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,341 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Jul-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231660

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure		\$500		
<b>Total</b>		<b>\$500</b>		
Importance Code A		\$500		
<b>Total</b>		<b>\$500</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SUNRISE HIGHWAY WESTBOUND OVER BELT PARKWAY WESTBOUND**  
**Asset # : 15371**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
<b>Abutments</b>							
Bridge Seat&pedestals							
Not Accessible	100%						
Backwall							
Not Accessible	100%						
Brngs,Ancr Blts,Pads							
Not Accessible	100%						
Footings							
Not Accessible	100%						
Joint with Deck							
Generic	100%			LIFE		**	
		<i>Other Observation, Extent : N/A, Area Affected : 50%</i>					
		<i>Location : On East Side Only</i>					
		<i>Explanation : Deck Joint Observed</i>					
Mat (scour & erosion)							
Not Accessible	100%						
Pedestals							
Not Accessible	100%						
Stem (breastwall)							
Concrete	100%			LIFE		**	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>					
		<i>Location : West Abutment. East Abutment Is Not Accessible.</i>					
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
		<i>Location : West Abutment</i>					
		<i>Explanation : Scaling. East Abutment Is Not Accessible.</i>					
<b>Wingwalls</b>							
Footings							
Not Accessible	100%						
Mat (scour & erosion)							
Generic	100%			LIFE		**	
Piles							
Not Accessible	100%						
Walls							
Masonry	100%			LIFE		**	
		<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
		<i>Location : Random Locations Throughout</i>					
		<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>					
		<i>Location : Random Locations Throughout</i>					
		<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
		<i>Location : Random Locations Throughout</i>					
		<i>Explanation : Joint Mortar Missing/ Eroded</i>					
<b>Feature Crossed</b>							
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**  
**SUNRISE HIGHWAY WESTBOUND OVER BELT PARKWAY WESTBOUND**  
**Asset # : 15371**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Concrete	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Cracks</i>						
Approaches								
Pavement								
Concrete	100%			2041		**	4	
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041		**	4	\$1,600
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
Pier,Columns								
Concrete	100%			LIFE		**		
Stem,Solid Pier								
Masonry	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : South End Only</i>						
		<i>Explanation : Masonry Solid Stem Pier Is Located At South End Of Pier</i>						
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								
Railings/Parapets								
Concrete	100%			2041		**	4	
Wearing Surface								
Concrete	100%			2041		**	5	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Superstructure								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**SUNRISE HIGHWAY WESTBOUND OVER BELT PARKWAY WESTBOUND**  
**Asset # : 15371**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE		**	2-8	
		<i>Other Observation, Extent : N/A, Area Affected : 50%</i>						
		<i>Location : On North Side</i>						
		<i>Explanation : Steel Girder Is Not Accessible</i>						
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK  
**Address** : TIFFANY STREET  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0182.000 / 13716 **Yr Built/Renovated** : 1908 /  
**Area Sq Ft** : 7,267 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 09-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241170

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$45,500		\$20,800	\$1,700
<b>Total</b>	<b>\$45,500</b>		<b>\$20,800</b>	<b>\$1,700</b>
Importance Code A			\$100	
Importance Code B	\$35,500			
Importance Code C	\$10,000		\$20,600	\$1,700
<b>Total</b>	<b>\$45,500</b>		<b>\$20,800</b>	<b>\$1,700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK**  
**Asset # : 13716**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Underside Of Bridge Throughout</i>								
<i>Explanation : Not Accessible For Inspection. Requires Railroad Flagman.</i>								
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	Now	\$35,500	LIFE			**	
<i>Loose Elements, Extent : Light, Area Affected : 15%</i>								
<i>Location : Both Abutments</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stem Breastwall 50 Percent Concrete And 50 Percent Not Accessible</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Walls Consist Of 50 Percent Concrete And 50 Percent Not Accessible</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Approaches								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK**  
**Asset # : 13716**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Pavement</b>								
Concrete	100%	4+	\$8,300	2041	**	4	\$18,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Embankment</b>								
Earth	100%			LIFE	**			
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Concrete	100%			2041	**	4		
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Both Approaches</i>								
<i>Explanation : Consists Of 50 Percent Concrete And 50 Percent Metal Fence</i>								
Steel	100%			LIFE	**			
<b>Sidewalks</b>								
Concrete	95%			LIFE	**			
Concrete	5%	4+	\$1,800	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Railings/Parapets</b>								
Concrete	100%			2041	**	4		
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Both Sides</i>								
<i>Explanation : Consists Of 50 Percent Concrete And 50 Percent Corrugated Steel Sheeting</i>								
Steel	100%			LIFE	**	2-8	\$3,700	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**TIFFANY STREET BRIDGE TIFFANY ST./AMTRAK**

**Asset # : 13716**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2037	**	5	\$3,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2041	**	5	\$41,300	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : TO BROOKLYN FROM FDR DR FRANKFORT AND PEARL STREET  
 Address : BROOKLYN BRIDGE ACCESS FROM FDR OVER FRANKFORT AND PEARL STREET  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : DOT0282.000 / 15040 Yr Built/Renovated :  
 Area Sq Ft : 63,280 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 13-Dec-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 224001B

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$2,265,600
<b>Total</b>		<b>\$2,265,600</b>
Importance Code A		\$1,121,300
Importance Code B		\$112,200
Importance Code C		\$1,032,100
<b>Total</b>		<b>\$2,265,600</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$22,600		\$120,700	\$38,000
<b>Total</b>	<b>\$22,600</b>		<b>\$120,700</b>	<b>\$38,000</b>
Importance Code A			\$105,700	
Importance Code B	\$22,600		\$15,000	
Importance Code C				\$38,000
<b>Total</b>	<b>\$22,600</b>		<b>\$120,700</b>	<b>\$38,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**TO BROOKLYN FROM FDR DR FRANKFORT AND PEARL STREET**

**Asset # : 15040**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pier Protection								
Concrete	100%	Now	\$22,600	LIFE	**			
		<i>Spalling, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : Base Of Columns</i>						
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$916,500	
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$323,100	
		<i>Rust Stains, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Steel	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
		<i>Rust Stains, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$88,000	
Wearing Surface								
Asphalt	100%			2032	\$1,032,100	5	\$76,100	
Scupper								
Cast Iron	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 30 Scuppers</i>						
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$69,600	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Bottom Of The Deck</i>						
		<i>Explanation : Stay In Place Forms Are In Good Condition</i>						
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,169,800	

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  
TO BROOKLYN FROM FDR DR FRANKFORT AND PEARL STREET  
Asset # : 15040**

Bridge Structure		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	\$58,800

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : TO EAST 62ND STREET FROM QUEENS EAST 60TH ST - EAST 61ST ST  
 Address : QUEENS BORO BRIDGE OFF RAMP TO EST 62ND STREET  
 Borough : MANHATTAN Agency's Number : N/A  
 Program / Asset # : DOT0343.000 / 15202 Yr Built/Renovated : 1952 /  
 Area Sq Ft : 17,595 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 15-Dec-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 224004C

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$44,100
<b>Total</b>		<b>\$44,100</b>
Importance Code A		\$44,100
<b>Total</b>		<b>\$44,100</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure			\$4,700	
<b>Total</b>			<b>\$4,700</b>	
Importance Code A			\$4,400	
Importance Code B			\$300	
<b>Total</b>			<b>\$4,700</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**TO EAST 62ND STREET FROM QUEENS EAST 60TH ST - EAST 61ST ST**  
**Asset # : 15202**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Paint Peeling. Walls That Enclose Span 10.</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Peeling Paint</i>								
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : At The Base Of Piers</i>								
<i>Explanation : Rust Stains</i>								
<b>Approaches</b>								
Pavement								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041			**	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**  
**TO EAST 62ND STREET FROM QUEENS EAST 60TH ST - EAST 61ST ST**  
**Asset # : 15202**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 2 Scuppers Observed</i>								
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	
Pier,Columns								
Steel	100%			LIFE		**	2-8	
Stem,Solid Pier								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Not Accessible Due To Fence</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Steel	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2041		**	4	
Wearing Surface								
Not Accessible	100%							
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 6 Scuppers Observed</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stay In Place Forms In Place With Light Corrosion In 2 Percent Of The Surface In Random Locations</i>								
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**  
**TO EAST 62ND STREET FROM QUEENS EAST 60TH ST - EAST 61ST ST**  
**Asset # : 15202**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Steel	100%			LIFE	**	2-8	\$82,400	
		<i>Corrosion, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Secondary Member								
Steel	100%			LIFE	**	2-8	\$4,100	
		<i>Corrosion, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : TO FDR DR. NORTH BOUND PEARL STREET  
**Address** : FDR NB ACCESS FROM BKLYN BRIDGE OVER PEARL STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0283.000 / 15041 **Yr Built/Renovated** :  
**Area Sq Ft** : 58,253 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224001D

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,381,500	\$2,705,400
<b>Total</b>	<b>\$1,381,500</b>	<b>\$2,705,400</b>
Importance Code A		\$1,166,200
Importance Code B		\$157,600
Importance Code C	\$1,381,500	\$1,381,500
<b>Total</b>	<b>\$1,381,500</b>	<b>\$2,705,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$28,400		\$132,600	
<b>Total</b>	<b>\$28,400</b>		<b>\$132,600</b>	
Importance Code A	\$28,400		\$113,300	
Importance Code B			\$19,300	
<b>Total</b>	<b>\$28,400</b>		<b>\$132,600</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**TO FDR DR. NORTH BOUND PEARL STREET**  
**Asset # : 15041**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pier Protection								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$1,215,100	
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$453,800	
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Steel	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2040	**	4	\$85,100	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE	**	2-8	\$77,900	
Wearing Surface								
Concrete	100%			2040	**	5	\$2,763,000	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Asphalt Patches</i>					
Scupper								
Cast Iron	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 19 Scuppers</i>					
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$64,100	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Bottom Of The Deck</i>					
			<i>Explanation : Stay In Place Forms Are In Good Condition</i>					
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,076,900	

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  
TO FDR DR. NORTH BOUND PEARL STREET  
Asset # : 15041**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure Secondary Member Steel	100%			LIFE	**	2-8	\$54,100	

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : TO NEW YORK FROM 21ST STREET 21ST STREET  
Address : FROM 21ST ST. OVER 21ST ST. LONG ISLAND CITY  
Borough : QUEENS Agency's Number : N/A  
Program / Asset # : DOT0331.000 / 15190 Yr Built/Renovated : 1957 /  
Area Sq Ft : 65,293 Project Type : HIGHWAY BRIDGES  
Date of Survey : 12-Jan-2021 Landmark Status : NONE  
Areas Surveyed :  
Block : Lot : BIN : 224004F

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$1,878,400
<b>Total</b>		<b>\$1,878,400</b>
Importance Code A		\$1,495,400
Importance Code B		\$382,900
<b>Total</b>		<b>\$1,878,400</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$61,500	\$36,100	\$188,400	
<b>Total</b>	<b>\$61,500</b>	<b>\$36,100</b>	<b>\$188,400</b>	
Importance Code A	\$39,100	\$34,200	\$150,000	
Importance Code B	\$22,400		\$38,400	
Importance Code C		\$1,900		
<b>Total</b>	<b>\$61,500</b>	<b>\$36,100</b>	<b>\$188,400</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**TO NEW YORK FROM 21ST STREET 21ST STREET**  
**Asset # : 15190**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Concrete	2%	4+	\$39,100	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracking/Crumbling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 2%</i>								
<i>Location : Northwest Side</i>								
<i>Explanation : Steel Mesh Coverings. Walls Are 30 Percent Concrete, 70 Percent Not Accessible</i>								
Concrete	98%			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			**	
Pier Protection								
Concrete	100%			LIFE			**	
Approaches								
Pavement								
Concrete	100%			2041		**	4	\$5,800
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
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  
TO NEW YORK FROM 21ST STREET 21ST STREET**

**Asset # : 15190**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Concrete	100%			2041	**	4	\$1,200	
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Railings Consist Of 20 Percent Concrete, 80 Percent Not Accessible</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 1 Scupper Observed</i>								
Piers								
Cap Beam Steel	100%			LIFE	**	2-8	\$1,649,700	
<i>Other Observation, Extent : N/A, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Cap Beam Consists Of 60 Percent Steel, 40 Percent Not Accessible</i>								
Pier, Columns								
Concrete Encased Steel	100%	4+	\$5,100	LIFE	**	5	\$1,100	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Corrosion. Pier, Columns Consist Of 4 Percent Concrete Encased Steel, 56 Percent Steel, 40 Percent Not Accessible</i>								
Steel	100%			LIFE	**	2-8	\$967,500	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Stem, Solid Pier								
Concrete	100%	4+	\$17,200	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 2%</i>								
<i>Location : West Side</i>								
<i>Explanation : Steel Mesh Coverings</i>								
Brngs, Ancr Blts, Pads								
Elastomeric	100%			2052	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Consists Of 60 Percent Generic And 40 Percent Not Accessible.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
TO NEW YORK FROM 21ST STREET 21ST STREET**

**Asset # : 15190**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Pedestals Not Present In Concrete Encased Steel Piers</i>								
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2041		**	4	\$101,400
<i>Other Observation, Extent : N/A, Area Affected : 90%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Railings/ Parapets Consist Of 10 Percent Concrete, 90 Percent Not Accessible</i>								
Wearing Surface								
Not Accessible	100%							
Scupper								
Not Accessible	100%							
Superstructure								
Deck, Structural								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Bottom Covered With Stay In Place Forms With Light Efflorescence In 2 Percent Of Area</i>								
Joints								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE		**	2-8	\$1,460,500
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Primary Member Consists Of 60 Percent Steel, 40 Percent Not Accessible</i>								
Secondary Member								
Steel	100%			LIFE		**	2-8	\$73,400
<i>Other Observation, Extent : N/A, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Secondary Member Consists Of 60 Percent Steel, 40 Percent Not Accessible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : TO NEW YORK FROM THOMSON AVE JACKSON AVENUE  
**Address** : FROM THOMSON AVE OVER JACKSON AV LONG ISLAND CITY  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0330.000 / 15189 **Yr Built/Renovated** : 1957 /  
**Area Sq Ft** : 60,652 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 12-Jan-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240041

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$1,328,800
<b>Total</b>		<b>\$1,328,800</b>
Importance Code A		\$1,240,500
Importance Code B		\$88,300
<b>Total</b>		<b>\$1,328,800</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$11,200	\$20,400	\$137,500	
<b>Total</b>	<b>\$11,200</b>	<b>\$20,400</b>	<b>\$137,500</b>	
Importance Code A	\$11,200	\$20,400	\$124,600	
Importance Code B			\$12,900	
<b>Total</b>	<b>\$11,200</b>	<b>\$20,400</b>	<b>\$137,500</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
TO NEW YORK FROM THOMSON AVE JACKSON AVENUE**

**Asset # : 15189**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Joint with Deck								
Generic	100%			LIFE		**		
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pier Protection								
Not Accessible	100%							
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$1,306,800
		<i>Other Observation, Extent : N/A, Area Affected : 60%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Cap Beam Consists Of 40 Percent Steel, 60 Percent Not Accessible</i>						
Pier, Columns								
Concrete Encased Steel	100%			LIFE		**	5	\$4,500
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Corrosion. Pier, Columns Consist Of 20 Percent Steel, 20 Percent Concrete Encased Steel, 60 Percent Not Accessible</i>						
Steel	100%			LIFE		**	2-8	\$254,200
Brngs, Ancr Blts, Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 60%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Mat Consists Of 40 Percent Generic, 60 Percent Not Accessible</i>						
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Steel	100%	Now	\$11,200	LIFE		**		
		<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : East End</i>						
		<i>Explanation : Impact Damage</i>						
Median								
Concrete	100%			LIFE		**	5	\$900

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
TO NEW YORK FROM THOMSON AVE JACKSON AVENUE**

**Asset # : 15189**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets Concrete	100%			2041	**	4	\$61,100	
<i>Other Observation, Extent : N/A, Area Affected : 82%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Railings Consist Of 8 Percent Steel, 10 Percent Concrete, 82 Percent Not Accessible</i>								
Steel	100%			LIFE	**	2-8	\$5,100	
Wearing Surface								
Not Accessible	100%							
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 7 Scuppers Observed, Remainder Not Accessible</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Light Efflorescence In 2 Percent Area. Bottom Covered With Stay In Place Forms.</i>								
Joints								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,261,300	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Primary Member Consist Of 40 Percent Steel, 60 Percent Not Accessible</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$63,400	
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Secondary Member Consist Of 40 Percent Steel, 60 Percent Not Accessible</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : TO PARK ROW ROSE STREET  
**Address** : FROM BROOKLYN BRIDGE TO PARK ROW OVER ROSE STREET  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0287.000 / 15045 **Yr Built/Renovated** :  
**Area Sq Ft** : 16,370 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224001G

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$236,900
<b>Total</b>		<b>\$236,900</b>
Importance Code A		\$236,900
<b>Total</b>		<b>\$236,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$12,300	\$39,200	\$27,000	
<b>Total</b>	<b>\$12,300</b>	<b>\$39,200</b>	<b>\$27,000</b>	
Importance Code A	\$10,000		\$23,800	
Importance Code B			\$3,300	
Importance Code C	\$2,300	\$39,200		
<b>Total</b>	<b>\$12,300</b>	<b>\$39,200</b>	<b>\$27,000</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**TO PARK ROW ROSE STREET**  
**Asset # : 15045**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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	100%			LIFE	**			
Mat (scour & erosion) Generic	100%			LIFE	**			
Pedestals Concrete	100%			LIFE	**			
Stem (breastwall) Concrete	100%			LIFE	**			
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE	**			
<b>Feature Crossed</b>								
Mat (scour & erosion) Generic	100%			LIFE	**			
Pier Protection Concrete	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Concrete Barrier</i>					
<b>Approaches</b>								
Pavement Concrete	100%			2040	**	4	\$7,000	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Mat (scour & erosion) Not Accessible	100%							
Pavement Base Not Accessible	100%							
Railings/Parapets Concrete	100%			2040	**	4	\$1,600	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Piers</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 PARK ROW ROSE STREET**  
**Asset # : 15045**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Cap Beam Steel	100%			LIFE	**	2-8	\$173,000	
Pier,Columns Steel	100%			LIFE	**	2-8	\$65,800	
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE	**			
Pedestals Steel	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets Concrete	100%			2040	**	4	\$28,500	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface Concrete	100%			2040	**	5	\$78,300	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 9 Scuppers</i>								
Superstructure								
Deck,Structural Concrete	100%			LIFE	**	5	\$18,000	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bottom Of The Deck</i>								
<i>Explanation : Stay In Place Is In Good Condition</i>								
Joints Generic	100%			LIFE	**			
Primary Member Steel	100%			LIFE	**	2-8	\$302,600	
Secondary Member Steel	100%			LIFE	**	2-8	\$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.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : TO PEARL STREET LAND ADJACENT TO BRIDGE  
**Address** : FROM BKLYN BRDG TO PEARL ST  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0340.000 / 15199 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,362 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 17-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224001E

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$84,500
<b>Total</b>		<b>\$84,500</b>
Importance Code A		\$84,500
<b>Total</b>		<b>\$84,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$4,400	\$6,200	\$11,800	
<b>Total</b>	<b>\$4,400</b>	<b>\$6,200</b>	<b>\$11,800</b>	
Importance Code A		\$3,700	\$10,800	
Importance Code B			\$1,000	
Importance Code C	\$4,400	\$2,400		
<b>Total</b>	<b>\$4,400</b>	<b>\$6,200</b>	<b>\$11,800</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841  
TO PEARL STREET LAND ADJACENT TO BRIDGE**

**Asset # : 15199**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Construction Taking Place Underneath Bridge</i>								
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE			**	
Mat (scour & erosion) 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			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Wingwalls Are Concrete With Stone Facing</i>								
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE			**	
Approaches								
Pavement Concrete	100%			2041		**	4	\$7,300
Mat (scour & erosion) Not Accessible	100%							
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  
TO PEARL STREET LAND ADJACENT TO BRIDGE**

**Asset # : 15199**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Concrete	100%			2041	**	4	\$1,700	
		<i>Efflorescence, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
Steel	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : On Top Of Concrete Railing</i>						
		<i>Explanation : Steel Chain-link Fence</i>						
Piers								
Cap Beam Steel	100%			LIFE	**	2-8	\$53,600	
		<i>Corrosion, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
Pier,Columns Steel	100%			LIFE	**	2-8	\$13,500	
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								
Railings/Parapets Concrete	100%			2041	**	4	\$9,500	
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Near Pier 1</i>						
Steel	100%			LIFE	**	2-8	\$200	
		<i>Other Observation, Extent : N/A, Area Affected : 5%</i>						
		<i>Location : North East Side</i>						
		<i>Explanation : Chain-link Fence Behind Concrete Barrier</i>						
Wearing Surface Concrete	100%	4+	\$4,400	2041	**	5	\$13,200	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Scupper Cast Iron	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : 2 Scuppers Observed</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 PEARL STREET LAND ADJACENT TO BRIDGE**

**Asset # : 15199**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Grating w/ Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Entire Deck</i>								
<i>Explanation : Bottom Covered With Stay In Place Forms</i>								
-----								
Joints								
Generic	100%			LIFE		**		
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Pier 1</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Pier 1</i>								
<i>Explanation : Debris Build Up</i>								
-----								
Primary Member								
Steel	100%			LIFE		**	2-8	\$157,900
-----								
Secondary Member								
Steel	100%			LIFE		**	2-8	\$7,900
-----								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$324,500	\$867,600
<b>Total</b>	<b>\$324,500</b>	<b>\$867,600</b>
Importance Code A		\$62,400
Importance Code B		\$156,300
Importance Code C	\$324,500	\$648,900
<b>Total</b>	<b>\$324,500</b>	<b>\$867,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$54,900		\$22,900	\$6,000
<b>Total</b>	<b>\$54,900</b>		<b>\$22,900</b>	<b>\$6,000</b>
Importance Code A	\$17,200		\$6,300	\$6,000
Importance Code B			\$16,600	
Importance Code C	\$37,700			
<b>Total</b>	<b>\$54,900</b>		<b>\$22,900</b>	<b>\$6,000</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPARTMENT OF TRANSPORTATION - 841**  
**TO QUEENSBORO BRDG FROM E58 ST EAST 59TH STREET**

**Asset # : 14978**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	100%	4+	\$2,200	LIFE	**	5	\$500	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : West Side</i>					
			<i>Spalling, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$144,200	
Pier, Columns								
Steel	100%			LIFE	**	2-8	\$450,000	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	12%	4+	\$15,000	2039	**	4	\$12,000	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Concrete Barrier</i>					
Concrete	88%			2039	**	4	\$12,000	
Wearing Surface								
Concrete	5%	4+	\$25,600	2039	**	5	\$324,500	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	95%			2039	**	5	\$648,900	
Scupper								
Cast Iron	100%			LIFE	**			
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 4 Scruppers</i>					
Superstructure								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
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%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Stay-in-place Form</i>						
Joins								
Generic	100%			LIFE			* *	
Primary Member								
Steel	100%			LIFE			* * 2-8	
Secondary Member								
Steel	100%			LIFE			* * 2-8 \$14,400	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : TOMPKINS AVENUE GREENFIELD AVENUE  
**Address** : TOMPKINS AVE OVER GREENFIELD AVE BTW KIMBERLY LN & WILLOW AVE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0398.000 / 15418 **Yr Built/Renovated** :  
**Area Sq Ft** : 2,475 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249840

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$39,100		\$1,500	
<b>Total</b>	<b>\$39,100</b>		<b>\$1,500</b>	
Importance Code A	\$3,900		\$1,500	
Importance Code C	\$35,200			
<b>Total</b>	<b>\$39,100</b>		<b>\$1,500</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**TOMPKINS AVENUE GREENFIELD AVENUE**  
**Asset # : 15418**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2053	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	20%	4+	\$16,600	LIFE	**			
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	80%			LIFE	**			
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Pavement</i>								
<b>Approaches</b>								
Pavement								
Concrete	100%	4+	\$8,500	2042	**	4	\$13,800	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**TOMPKINS AVENUE GREENFIELD AVENUE**  
**Asset # : 15418**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042	**	4	\$1,500	
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets								
Concrete	100%			2042	**	4	\$1,400	
			<i>Other Observation, Extent : N/A, Area Affected : 25%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Vegetation Growth</i>					
Steel	100%			LIFE	**	2-8	\$3,100	
Sidewalks								
Concrete	100%			2038	**	5	\$900	
Wearing Surface								
Concrete	100%	4+	\$10,200	2042	**	5	\$5,600	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Superstructure</b>								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$5,500	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : TOMPKINS AVENUE WILLOW AVENUE & SIRT  
**Address** : TOMPKINS AVE OVER WILLOW AVE & STATEN ISLAND RAPID TRANSIT  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0399.000 / 15419 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,372 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 15-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249510

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$295,400	
<b>Total</b>	<b>\$295,400</b>	
Importance Code B	\$120,800	
Importance Code C	\$174,700	
<b>Total</b>	<b>\$295,400</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$70,200		\$2,800	
<b>Total</b>	<b>\$70,200</b>		<b>\$2,800</b>	
Importance Code A	\$19,200		\$2,800	
Importance Code B	\$29,100			
Importance Code C	\$22,000			
<b>Total</b>	<b>\$70,200</b>		<b>\$2,800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**TOMPKINS AVENUE WILLOW AVENUE & SIRT**  
**Asset # : 15419**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%	4+	\$10,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$11,200	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Mat (scour & erosion) Generic	100%			LIFE		**		
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete	50%	4+	\$120,800	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	50%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	90%	4+	\$174,700	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	10%			LIFE		**		
Feature Crossed								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
TOMPKINS AVENUE WILLOW AVENUE & SIRT**

**Asset # : 15419**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Railroad Tracks And Asphalt Pavement</i>							
Approaches								
Pavement								
Concrete	100%	4+	\$12,900	2042		**	4	\$18,300
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
	<i>Rust Stains, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042		**	4	\$2,100
Steel	100%			LIFE		**		
Sidewalks								
Concrete	100%			LIFE		**		
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
	<i>Rust Stains, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Random Locations Throughout</i>							
Pier,Columns								
Concrete	100%	4+	\$17,900	LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 3%</i>							
	<i>Location : The Second Column Observed From The West Side</i>							
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : East Column</i>							
	<i>Explanation : Map Cracking</i>							
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**  
**TOMPKINS AVENUE WILLOW AVENUE & SIRT**  
**Asset # : 15419**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%			2042	**	4	\$3,200	
Steel	100%			LIFE	**	2-8	\$7,100	
Sidewalks								
Concrete	100%			2038	**	5	\$2,100	
Wearing Surface								
Concrete	100%	4+	\$9,000	2042	**	5	\$10,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$11,800	
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Water Leakage</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 17-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241930

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$81,100	\$81,100
<b>Total</b>	<b>\$81,100</b>	<b>\$81,100</b>
Importance Code C	\$81,100	\$81,100
<b>Total</b>	<b>\$81,100</b>	<b>\$81,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$108,700		\$17,800	
<b>Total</b>	<b>\$108,700</b>		<b>\$17,800</b>	
Importance Code A	\$39,500		\$700	
Importance Code B	\$18,000			
Importance Code C	\$51,200		\$17,100	
<b>Total</b>	<b>\$108,700</b>		<b>\$17,800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD**  
**Asset # : 2484**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$18,000	LIFE			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Both Sides</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Not Accessible	100%							
Approaches								
Pavement								
Concrete	100%	4+	\$21,800	2040		**	4	\$30,800
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Joint Of South Abutment</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Generic	100%			LIFE		**		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD**  
**Asset # : 2484**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4		
Sidewalks								
Concrete	4%	4+	\$6,200	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : North Approach</i>					
Concrete	96%			LIFE	**			
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Corrosion, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Concrete	100%	4+	\$39,500	2040	**	4	\$14,300	
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Western Side</i>					
Steel	100%			LIFE	**	2-8	\$19,700	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Chain Link Fence</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**TRANSIT AUTHORITY YARD BRIDGE BEDFORD PARK BLVD/NYCTA IND YARD**  
**Asset # : 2484**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	8%	4+	\$23,100	2036	**	5	\$17,100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Map Cracking At Western Sidewalk, Random Cracks Throughout Both Sides</i>								
Concrete	92%			2036	**	5	\$34,300	
Wearing Surface								
Concrete	100%			2040	**	5	\$162,200	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	100%			LIFE	**			
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 16-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241940

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$632,900	\$1,266,900
<b>Total</b>	<b>\$632,900</b>	<b>\$1,266,900</b>
Importance Code C	\$632,900	\$1,266,900
<b>Total</b>	<b>\$632,900</b>	<b>\$1,266,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$190,000		\$1,200	
<b>Total</b>	<b>\$190,000</b>		<b>\$1,200</b>	
Importance Code A	\$44,200		\$1,200	
Importance Code B	\$45,100			
Importance Code C	\$100,800			
<b>Total</b>	<b>\$190,000</b>		<b>\$1,200</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS**  
**Asset # : 2485**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
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+	\$45,100	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Along West Joint Header</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Railroad Track</i>					
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**TRANSIT AUTHORITY YARD BRIDGE W 205 ST/NYCTA IND YARDS**  
**Asset # : 2485**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	25%	2-4	\$35,100	2034	**	4	\$8,100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : East Approach</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : East Approach</i>								
<i>Explanation : Uneven Surface</i>								
Asphalt	75%			2027	\$526,500	4	\$12,100	
Concrete	45%	4+	\$19,600	2042	**	4	\$61,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	55%			2029	\$1,200,700	4	\$92,500	
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<b>Embankment</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Concrete	100%			2042	**	4	\$1,200	
Steel	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Chain Link Fence</i>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$11,200	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Piers</b>								
<b>Cap Beam</b>								
Not Accessible	100%							
<b>Pier,Columns</b>								
Not Accessible	100%							
<b>Stem,Solid Pier</b>								
Not Accessible	100%							
<b>Brngs,Ancr Blts,Pads</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : UNION STREET 278I (B.Q.E.)  
 Address : UNION STREET OVER B.Q.E BET. HENRY ST & COLUMBIA ST  
 Borough : BROOKLYN Agency's Number : N/A  
 Program / Asset # : DOT0301.000 / 15059 Yr Built/Renovated : 1952 /  
 Area Sq Ft : 4,856 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 05-Nov-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2230360

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$484,400
<b>Total</b>		<b>\$484,400</b>
Importance Code C		\$484,400
<b>Total</b>		<b>\$484,400</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$3,500	\$9,100	\$1,800	
<b>Total</b>	<b>\$3,500</b>	<b>\$9,100</b>	<b>\$1,800</b>	
Importance Code A			\$100	
Importance Code C	\$3,500	\$9,100	\$1,700	
<b>Total</b>	<b>\$3,500</b>	<b>\$9,100</b>	<b>\$1,800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**UNION STREET 278I (B.Q.E.)**  
**Asset # : 15059**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Abutments</b>							
Bridge Seat&pedestals							
Not Accessible	100%						
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%						
<b>Wingwalls</b>							
Footings							
Not Accessible	100%						
Mat (scour & erosion)							
Generic	100%			LIFE		**	
Piles							
Not Accessible	100%						
Walls							
Brick Veneer	100%	4+	\$3,100	LIFE		**	
			<i>Spalling, Extent : Light, Area Affected : 10%</i>				
			<i>Location : Random Locations Throughout</i>				
<b>Feature Crossed</b>							
Mat (scour & erosion)							
Not Accessible	100%						
Pier Protection							
Not Accessible	100%						
<b>Approaches</b>							
Pavement							
Asphalt	100%			2032	\$484,400	4	\$1,100
			<i>Cracks, Extent : Light, Area Affected : 1%</i>				
			<i>Location : West Approach</i>				
Embankment							
Not Accessible	100%						
Mat (scour & erosion)							
Not Accessible	100%						
Pavement Base							
Not Accessible	100%						
<b>Piers</b>							
Cap Beam							
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : UNION STREET FRANKLIN SHUTTLE  
**Address** : UNION STREET BETWEEN CLASSON AVE & FRANKLIN AVE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0305.000 / 15063 **Yr Built/Renovated** :  
**Area Sq Ft** : 3,952 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 27-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2243200

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$85,200	\$33,900
<b>Total</b>	<b>\$85,200</b>	<b>\$33,900</b>
Importance Code B		\$33,900
Importance Code C	\$85,200	
<b>Total</b>	<b>\$85,200</b>	<b>\$33,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$700	\$100	\$8,400	\$1,300
<b>Total</b>	<b>\$700</b>	<b>\$100</b>	<b>\$8,400</b>	<b>\$1,300</b>
Importance Code A	\$700		\$3,200	
Importance Code B			\$3,600	
Importance Code C		\$100	\$1,500	\$1,300
<b>Total</b>	<b>\$700</b>	<b>\$100</b>	<b>\$8,400</b>	<b>\$1,300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**UNION STREET FRANKLIN SHUTTLE**  
**Asset # : 15063**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Granite Rock Pavers</i>								
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Concrete Encased Steel	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$85,200	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Severe, Area Affected : 75%</i>								
<i>Location : Throughout</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Asphalt	100%			2035	**	4	\$2,600	
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Curbs								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**UNION STREET FRANKLIN SHUTTLE**  
**Asset # : 15063**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE		**		
Sidewalks								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Scupper								
Cast Iron	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Southwest Corner</i>					
			<i>Explanation : 1 Scupper</i>					
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$72,100
Pier, Columns								
Steel	100%			LIFE		**	2-8	\$97,500
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	100%			2051		**		
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Concrete	100%			2040		**	4	\$2,000
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : South Side Only</i>					
			<i>Explanation : Parapet Wall With Brick Fascia</i>					
Steel	100%			LIFE		**	2-8	\$1,900
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : On Top Of Concrete Parapet</i>					
			<i>Explanation : Chain Link Fence</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**UNION STREET FRANKLIN SHUTTLE**  
**Asset # : 15063**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2036	**	5	\$3,100	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%			2035	**	5	\$200	
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Primary Member								
Concrete Encased Steel	100%			LIFE	**	5	\$19,900	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$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.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : W 134TH STREET TERRAIN  
**Address** : W 134TH STREET & RIVERSIDE DRIVE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0289.000 / 15047 **Yr Built/Renovated** :  
**Area Sq Ft** : 7,434 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 25-Oct-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2246670

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$130,700	\$380,900
<b>Total</b>	<b>\$130,700</b>	<b>\$380,900</b>
Importance Code A		\$180,500
Importance Code B	\$130,700	\$58,900
Importance Code C		\$141,500
<b>Total</b>	<b>\$130,700</b>	<b>\$380,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$48,000	\$14,300	\$24,400	
<b>Total</b>	<b>\$48,000</b>	<b>\$14,300</b>	<b>\$24,400</b>	
Importance Code A	\$33,100		\$18,100	
Importance Code B			\$6,300	
Importance Code C	\$15,000	\$14,300		
<b>Total</b>	<b>\$48,000</b>	<b>\$14,300</b>	<b>\$24,400</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**W 134TH STREET TERRAIN**  
**Asset # : 15047**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%			LIFE			**	
Steel	100%			LIFE			**	
<i>Rust Stains, Extent : Light, Area Affected : 1%</i>								
<i>Location : Steel Casing Around Concrete Protection</i>								
<b>Approaches</b>								
Pavement								
Asphalt	100%	0-2	\$2,800	2032	\$141,500	4	\$2,100	
<i>Loss of Section, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Southeast Side</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southeast Approach Near Joint</i>								
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	Now	\$2,700	LIFE			**	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Southeast Corner Adjacent To Joint</i>								
<i>Explanation : Gap Between Sidewalk And Joint</i>								
<b>Piers</b>								
Cap Beam								
Steel	100%			LIFE			**	2-8
								\$247,100

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**  
**W 134TH STREET TERRAIN**  
**Asset # : 15047**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier,Columns Steel	100%	4+	\$130,700	LIFE	**	2-8	\$169,600	
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location : Rusting Where Joints Leak.</i>								
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%							
<b>Deck Elements</b>								
Curbs Concrete w/ Steel Face	100%			LIFE	**			
<i>Loss of Section, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Random Sections Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Peeling Paint</i>								
Sidewalks Concrete	100%	4+	\$6,200	2036	**	5	\$2,400	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Through Out</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface Concrete	100%			2040	**	5	\$28,600	
Scupper Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : All Quadrants Except Southwest</i>								
<i>Explanation : 3 Scuppers On Bridge</i>								
<b>Superstructure</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**W 134TH STREET TERRAIN**  
**Asset # : 15047**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%	4+	\$33,100	LIFE	**	5	\$8,200	
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Stay In Place Forms</i>					
Joints								
Generic	100%	0-2	\$3,200	LIFE	**			
			<i>Leakage, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
Primary Member								
Steel	100%			LIFE	**	2-8	\$137,400	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$6,900	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : W 53RD STREET AMTRAK 30 ST BRANCH  
**Address** : W 53RD ST BET. 10TH & 11TH AVES  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0292.000 / 15050 **Yr Built/Renovated** : 1936 /  
**Area Sq Ft** : 4,476 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 24-Oct-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245180

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$5,200	\$5,200		\$2,200
<b>Total</b>	<b>\$5,200</b>	<b>\$5,200</b>		<b>\$2,200</b>
Importance Code C	\$5,200	\$5,200		\$2,200
<b>Total</b>	<b>\$5,200</b>	<b>\$5,200</b>		<b>\$2,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**W 53RD STREET AMTRAK 30 ST BRANCH**  
**Asset # : 15050**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : No Access To Amtrak Property Underneath</i>								
<hr/>								
Backwall Not Accessible	100%							
<hr/>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
<hr/>								
Footings Not Accessible	100%							
<hr/>								
Joint with Deck Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Not Accessible	100%							
<hr/>								
Pedestals Not Accessible	100%							
<hr/>								
Stem (breastwall) Not Accessible	100%							
<hr/>								
Walls Not Accessible	100%							
<hr/>								
<b>Wingwalls</b>								
Footings Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Not Accessible	100%							
<hr/>								
Piles Not Accessible	100%							
<hr/>								
Walls Not Accessible	100%							
<hr/>								
<b>Feature Crossed</b>								
Bank Protection Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Not Accessible	100%							
<hr/>								
Pier Protection Not Accessible	100%							
<hr/>								
<b>Approaches</b>								
Pavement Asphalt	100%			2035	**	4	\$4,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Currently Under Construction</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**W 53RD STREET AMTRAK 30 ST BRANCH**  
**Asset # : 15050**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Embankment</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<hr/>								
<b>Pavement Base</b>								
Not Accessible	100%							
<hr/>								
<b>Sidewalks</b>								
Concrete	100%	Now	\$400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Piers</b>								
<b>Cap Beam</b>								
Not Accessible	100%							
<hr/>								
<b>Pier,Columns</b>								
Not Accessible	100%							
<hr/>								
<b>Stem,Solid Pier</b>								
Not Accessible	100%							
<hr/>								
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							
<hr/>								
<b>Footings</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<hr/>								
<b>Pedestals</b>								
Not Accessible	100%							
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%	Now	\$4,900	2036		**	5	\$1,700
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	100%			2035		**	5	\$10,300
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Under Construction Currently Being Replaced</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 53RD STREET AMTRAK 30 ST BRANCH**  
**Asset # : 15050**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : W 57TH STREET AMTRAK 30 ST BRANCH  
**Address** : W 57TH ST. BET. 10TH & 11TH AVES  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0290.000 / 15048 **Yr Built/Renovated** :  
**Area Sq Ft** : 8,882 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 24-Oct-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245220

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$339,200
<b>Total</b>		<b>\$339,200</b>
Importance Code C		\$339,200
<b>Total</b>		<b>\$339,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$3,600		\$3,600	
<b>Total</b>	<b>\$3,600</b>		<b>\$3,600</b>	
Importance Code C	\$3,600		\$3,600	
<b>Total</b>	<b>\$3,600</b>		<b>\$3,600</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**W 57TH STREET AMTRAK 30 ST BRANCH**  
**Asset # : 15048**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : No Access To Amtrak Property Underneath</i>								
<hr/>								
Backwall Not Accessible	100%							
<hr/>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
<hr/>								
Footings Not Accessible	100%							
<hr/>								
Joint with Deck Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Not Accessible	100%							
<hr/>								
Pedestals Not Accessible	100%							
<hr/>								
Stem (breastwall) Not Accessible	100%							
<hr/>								
Walls Not Accessible	100%							
<hr/>								
<b>Wingwalls</b>								
Footings Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Not Accessible	100%							
<hr/>								
Piles Not Accessible	100%							
<hr/>								
Walls Not Accessible	100%							
<hr/>								
<b>Feature Crossed</b>								
Bank Protection Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Not Accessible	100%							
<hr/>								
Pier Protection Not Accessible	100%							
<hr/>								
<b>Approaches</b>								
Pavement Asphalt	100%			2032	\$242,100	4	\$4,800	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Throughout</i>								
<hr/>								
Curbs Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**W 57TH STREET AMTRAK 30 ST BRANCH**  
**Asset # : 15048**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE		**		
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Sidewalks								
Concrete	100%			2036		**	5	\$7,100
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Wearing Surface								
Asphalt	100%	Now	\$1,900	2032	\$97,100		5	\$3,600
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Westbound 57th Street</i>						
		<i>Explanation : Pothole</i>						
<b>Superstructure</b>								
Deck,Structural								
Not Accessible	100%							
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**  
**W 57TH STREET AMTRAK 30 ST BRANCH**  
**Asset # : 15048**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : W 70TH STREET AMTRAK  
**Address** : WEST 70TH STREET BET. 11TH AVE AND HENRY HUDSON PKWY  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0291.000 / 15049 **Yr Built/Renovated** :  
**Area Sq Ft** : 16,866 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2269190

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$166,900
<b>Total</b>		<b>\$166,900</b>
Importance Code A		\$166,900
<b>Total</b>		<b>\$166,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$1,900	\$32,600	\$24,000	
<b>Total</b>	<b>\$1,900</b>	<b>\$32,600</b>	<b>\$24,000</b>	
Importance Code A			\$16,700	
Importance Code B			\$1,000	
Importance Code C	\$1,900	\$32,600	\$6,200	
<b>Total</b>	<b>\$1,900</b>	<b>\$32,600</b>	<b>\$24,000</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**W 70TH STREET AMTRAK**  
**Asset # : 15049**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<b>Approaches</b>								
Pavement								
Concrete	100%			2040	**	4	\$5,800	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
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**  
**W 70TH STREET AMTRAK**  
**Asset # : 15049**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Sidewalks								
Concrete	100%			LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Southeast Corner</i>								
<i>Explanation : 1 Scupper</i>								
<b>Piers</b>								
Cap Beam								
Concrete	100%			LIFE			**	
Pier,Columns								
Concrete	100%			LIFE			**	
Stem,Solid Pier								
Concrete	100%			LIFE			**	
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%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
<i>Rust Stains, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%			2036		**	5	\$12,500
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2040		**	5	\$65,300
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Superstructure</b>								
Deck,Structural								
Concrete	100%			LIFE		**	5	\$18,600
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Bottom Of The Deck</i>								
<i>Explanation : Stay In Place Is In Good Condition</i>								
Joints								
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**  
**W 70TH STREET AMTRAK**  
**Asset # : 15049**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Superstructure									
Primary Member									
	Steel	100%			LIFE	**	2-8	\$311,800	
Secondary Member									
	Steel	100%			LIFE	**	2-8	\$15,700	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : WEST 158TH STREET BRIDGE / W 158TH ST/AMTRAK 30TH 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** : 19-Oct-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2245250

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$666,900
<b>Total</b>		<b>\$666,900</b>
Importance Code A		\$288,700
Importance Code B		\$288,700
Importance Code C		\$89,500
<b>Total</b>		<b>\$666,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$135,600		\$58,100	
<b>Total</b>	<b>\$135,600</b>		<b>\$58,100</b>	
Importance Code A	\$20,700		\$29,100	
Importance Code B	\$21,700		\$29,000	
Importance Code C	\$93,200			
<b>Total</b>	<b>\$135,600</b>		<b>\$58,100</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 158TH STREET BRIDGE / W 158TH ST/AMTRAK 30TH ST BRANCH**  
**Asset # : 13520**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
Backwall Concrete	100%			LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Brngs,Ancr Blts,Pads Elastomeric	100%	0-2	\$10,300	2052		**		
			<i>Corrosion, Extent : Severe, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Footings</b>								
Not Accessible	100%							
<b>Joint with Deck</b>								
Generic	100%	4+	\$21,700	LIFE		**		
			<i>Leakage, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : At Sidewalk At End Of Abutment</i>					
			<i>Explanation : Damaged/ Misaligned Expansion Joint Membrane</i>					
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		
<b>Pedestals</b>								
Concrete	100%			LIFE		**		
<b>Stem (breastwall)</b>								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Stem Breastwall Consists Of 50 Percent Concrete, 50 Percent Not Accessible</i>					
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Earth	100%			LIFE		**		
<b>Piles</b>								
Not Accessible	100%							
<b>Walls</b>								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Feature Crossed</b>								
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
<b>Approaches</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 158TH STREET BRIDGE / W 158TH ST/AMTRAK 30TH ST BRANCH**  
**Asset # : 13520**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Concrete	100%	4+	\$19,900	2041	**	4	\$55,500	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041	**	4		
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : 1 Scupper</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Pier 5</i>								
Pier,Columns								
Concrete	100%			LIFE	**			
Stem,Solid Pier								
Concrete	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Pier 6</i>								
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2060	**			
<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 158TH STREET BRIDGE / W 158TH ST/AMTRAK 30TH ST BRANCH**  
**Asset # : 13520**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Side Only</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%	4+	\$10,400	2041		**	4	\$400
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Span 4</i>								
Steel	100%			LIFE		**	2-8	\$4,600
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : East And West Sides</i>								
<i>Explanation : Steel Railing And Concrete Parapet At West Side. Steel Fence And Steel Railing At East Sides</i>								
<hr/>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$12,600	2037		**	5	\$7,400
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$37,900	2041		**	5	\$89,500
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Scupper</b>								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : 2 Scuppers Observed</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%			LIFE		**	5	\$32,500
<i>Other Observation, Extent : N/A, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Stay In Place Forms</i>								
<hr/>								
<b>Joints</b>								
Generic	100%	Now	\$22,800	LIFE		**		
<i>Missing/Damaged Seal, Extent : Severe, Area Affected : 33%</i>								
<i>Location : Span 4 Expansion Joint</i>								
<hr/>								
<b>Primary Member</b>								
Steel	100%			LIFE		**	2-8	\$539,300
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 158TH STREET BRIDGE / W 158TH ST/AMTRAK 30TH ST BRANCH**  
**Asset # : 13520**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure Secondary Member Steel	100%			LIFE	**	2-8	\$451,700	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : WEST 232ND STREET HENRY HUDSON PARKWAY  
 Address : W 232ND ST & HENRY HUDSON PKWY  
 Borough : BRONX Agency's Number : N/A  
 Program / Asset # : DOT0366.000 / 15384 Yr Built/Renovated :  
 Area Sq Ft : 5,084 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 22-Mar-2022 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2229450

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$47,000		\$200	
<b>Total</b>	<b>\$47,000</b>		<b>\$200</b>	
Importance Code A	\$25,400		\$200	
Importance Code C	\$21,600			
<b>Total</b>	<b>\$47,000</b>		<b>\$200</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 232ND STREET HENRY HUDSON PARKWAY**  
**Asset # : 15384**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Granite	100%	4+	\$12,000	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Joints Missing, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**			
Pier Protection								
Concrete	100%			LIFE	**			
Approaches								
Pavement								
Asphalt	100%	4+	\$1,900	2034	**	4	\$2,800	
			<i>Cracks, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
			<i>Recent Repair Evident, Extent : N/A, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 232ND STREET HENRY HUDSON PARKWAY**

**Asset # : 15384**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Guide Railing</b>								
Steel	100%			LIFE		**		
Timber	100%	4+	\$5,700	2053		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Wood Blocks At Steel Posts</i>								
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loss of Section, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : North Side</i>								
<i>Explanation : Impact Damage</i>								
<hr/>								
<b>Railings/Parapets</b>								
Granite	100%	4+	\$3,500	LIFE		**		
<i>Joints Missing, Extent : Light, Area Affected : 7%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Southwest Side</i>								
<i>Explanation : Cracks</i>								
Steel	100%			LIFE		**	2-8	\$11,100
<hr/>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$4,300	2038		**	5	\$3,200
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	100%	4+	\$3,400	2042		**	5	\$10,100
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%	4+	\$11,900	LIFE		**	5	\$5,600
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Above The Southbound Henry Hudson Parkway</i>								
<i>Other Observation, Extent : N/A, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Recent Repairs Evident</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : WEST 236TH ST. PEDESTRIAN BRDG HENRY HUDSON PARKWAY  
**Address** : W 236TH ST PED. BRDG OVER HHP BET W 236TH & W 235TH STS  
**Borough** : BRONX Agency's Number : N/A  
**Program / Asset #** : DOT0395.000 / 15415 Yr Built/Renovated :  
**Area Sq Ft** : 2,412 Project Type : HIGHWAY BRIDGES  
**Date of Survey** : 22-Mar-2022 Landmark Status : NONE  
**Areas Surveyed** :  
**Block** : Lot : BIN : 2229460

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$52,400	
<b>Total</b>	<b>\$52,400</b>	
Importance Code C	\$52,400	
<b>Total</b>	<b>\$52,400</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$110,600		\$16,000	
<b>Total</b>	<b>\$110,600</b>		<b>\$16,000</b>	
Importance Code A	\$46,500		\$400	
Importance Code B	\$44,400		\$2,400	
Importance Code C	\$19,700		\$13,200	
<b>Total</b>	<b>\$110,600</b>		<b>\$16,000</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 236TH ST. PEDESTRIAN BRDG HENRY HUDSON PARKWAY**  
**Asset # : 15415**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%	4+	\$4,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
Backwall Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads Steel	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
Pedestals Steel	100%			LIFE		**		
<i>Rust Stains, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Stem (breastwall) Concrete	35%	4+	\$16,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	65%			LIFE		**		
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Granite	100%			LIFE		**		
<i>Joints Missing, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Feature Crossed</b>								
Mat (scour & erosion) Asphalt Paving	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Asphalt Pavement</i>								
Pier Protection Concrete	100%			LIFE		**		
<b>Approaches</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 236TH ST. PEDESTRIAN BRDG HENRY HUDSON PARKWAY**  
**Asset # : 15415**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Concrete	70%	4+	\$52,400	2042	**	4	\$26,400	
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 8%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	30%			2042	**	4	\$26,400	
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	\$14,600	2042	**	4	\$13,200	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout And North Approach</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout And North Approach</i>								
Steel	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 50%</i>								
<i>Location : Chain-link Fence Posts</i>								
Piers								
Stem,Solid Pier								
Granite	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$3,100	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Steel	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%	4+	\$6,900	2042	**	4	\$6,200	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$13,900	
<i>Rust Stains, Extent : Light, Area Affected : 40%</i>								
<i>Location : Chain-link Fence Posts</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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 236TH ST. PEDESTRIAN BRDG HENRY HUDSON PARKWAY**  
**Asset # : 15415**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Wearing Surface Concrete	100%	4+	\$19,700	2042	**	5	\$1,200	
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 6%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Scupper Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : East Side And West Side</i>								
<i>Explanation : Two Scuppers</i>								
<hr/>								
<b>Superstructure</b>								
Deck, Structural Concrete	100%	4+	\$14,200	LIFE	**	5	\$2,700	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Scaling</i>								
<hr/>								
Primary Member Steel	100%			LIFE	**	2-8		
<hr/>								
Secondary Member Steel	100%			LIFE	**	2-8	\$65,100	
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : WEST 239TH STREET HENRY HUDSON PARKWAY  
**Address** : WEST 239TH STREET OVER HH PKWY  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0367.000 / 15385 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,440 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 22-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2229470

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$30,900		\$100	
<b>Total</b>	<b>\$30,900</b>		<b>\$100</b>	
Importance Code A	\$25,000		\$100	
Importance Code C	\$5,900			
<b>Total</b>	<b>\$30,900</b>		<b>\$100</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 239TH STREET HENRY HUDSON PARKWAY**  
**Asset # : 15385**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%			LIFE		**		
			<i>Recent Repair Evident, Extent : N/A, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE		**		
			<i>Efflorescence, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE		**		
Pier Protection								
Concrete	100%			LIFE		**		
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
			<i>Recent Repair Evident, Extent : N/A, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Light, Area Affected : 70%</i>					
			<i>Location : Random Locations Throughout</i>					
Guide Railing								
Steel	100%			LIFE		**		
Timber	100%	4+	\$5,700	2053		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Loss of Section, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 239TH STREET HENRY HUDSON PARKWAY**  
**Asset # : 15385**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets Granite	100%	4+	\$4,400	LIFE	**			
	<i>Joints Missing, Extent : Light, Area Affected : 4%</i>							
	<i>Location : Random Locations Throughout</i>							
Steel	100%			LIFE	**	2-8	\$5,500	
Sidewalks								
Concrete	100%	4+	\$2,100	2038	**	5	\$1,500	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Wearing Surface								
Concrete	100%	4+	\$3,800	2042	**	5	\$11,400	
	<i>Cracks, Extent : Moderate, Area Affected : 4%</i>							
	<i>Location : Random Locations Throughout</i>							
Superstructure								
Deck, Structural Concrete	100%	4+	\$12,800	LIFE	**	5	\$6,000	
	<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : Above Southbound Henry Hudson Parkway</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Recent Repairs Evident</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : WEST 246TH STREET HENRY HUDSON PARKWAY  
**Address** : W 246TH ST & HENRY HUDSON PKW  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0369.000 / 15387 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,092 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 22-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2229490

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$26,600		\$100	\$11,000
<b>Total</b>	<b>\$26,600</b>		<b>\$100</b>	<b>\$11,000</b>
Importance Code A	\$14,100		\$100	
Importance Code B	\$10,400			
Importance Code C	\$2,200			\$11,000
<b>Total</b>	<b>\$26,600</b>		<b>\$100</b>	<b>\$11,000</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 246TH STREET HENRY HUDSON PARKWAY**

**Asset # : 15387**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Granite	100%			LIFE	**			
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE	**			
			<i>Joints Missing, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE	**			
Pier Protection								
Concrete	100%	4+	\$10,400	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 3%</i>					
			<i>Location : Northbound Henry Hudson Parkway</i>					
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Granite	100%			LIFE	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets								
Granite	100%			LIFE	**			
			<i>Joints Missing, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE	**	2-8	\$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  
WEST 246TH STREET HENRY HUDSON PARKWAY**

**Asset # : 15387**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%	4+	\$2,200	2038	**	5	\$1,600	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%			2042	**	5	\$22,000	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural								
Concrete	100%	4+	\$11,900	LIFE	**	5	\$5,600	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Above Southbound Henry Hudson Parkway</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

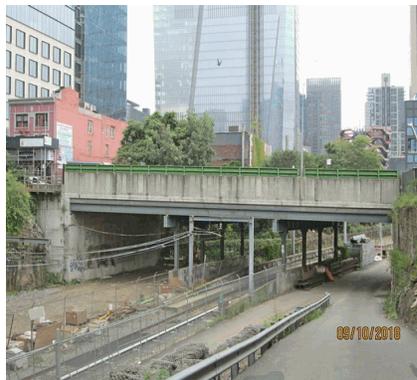
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$113,500
<b>Total</b>		<b>\$113,500</b>
Importance Code A		\$113,500
<b>Total</b>		<b>\$113,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$135,600		\$14,800	\$300
<b>Total</b>	<b>\$135,600</b>		<b>\$14,800</b>	<b>\$300</b>
Importance Code A	\$60,200		\$11,900	\$300
Importance Code B	\$34,800		\$2,900	
Importance Code C	\$40,600			
<b>Total</b>	<b>\$135,600</b>		<b>\$14,800</b>	<b>\$300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 37TH STREET AMTRAK 30TH STREET BRANCH**  
**Asset # : 14979**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Stem (breastwall)								
Concrete Encased Steel	2%	4+	\$22,900	LIFE		**		
			<i>Efflorescence, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Cracks</i>					
Concrete Encased Steel	98%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	15%	4+	\$19,000	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	85%			LIFE		**		
Feature Crossed								
Bank Protection								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pier Protection								
Concrete	100%	4+	\$11,800	LIFE		**		
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Cracks</i>					

## Approaches

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 37TH STREET AMTRAK 30TH STREET BRANCH**  
**Asset # : 14979**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
<b>Pavement</b>								
Concrete	100%	4+	\$3,700	2039	**	4	\$6,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Embankment</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pavement Base</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Concrete	100%			2039	**	4	\$600	
Steel	100%			LIFE	**			
<b>Sidewalks</b>								
Concrete	100%	4+	\$1,300	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Piers</b>								
<b>Cap Beam</b>								
Steel	100%			LIFE	**	2-8	\$100,900	
<b>Pier, Columns</b>								
Steel	100%			LIFE	**	2-8	\$71,100	
<b>Brngs, Ancr Blts, Pads</b>								
Steel	100%			LIFE	**	2-8	\$6,900	
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE	**			
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$2,400	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.

Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets Concrete	100%	4+	\$8,600	2039	**	4	\$3,600	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Moderate, Area Affected : 80%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Heavy Graffiti</i>								
Steel	100%			LIFE	**	2-8	\$5,000	
Sidewalks								
Concrete	100%	4+	\$7,600	2035	**	5	\$2,600	
<i>Cracks, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$9,000	2039	**	5	\$12,500	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
Superstructure								
Deck, Structural Concrete	55%	4+	\$49,100	LIFE	**	5	\$7,800	
<i>Cracks, Extent : Light, Area Affected : 15%</i> <i>Location : Random Locations Throughout</i> <i>Exposed Reinforcement, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
Concrete	45%			LIFE	**	5	\$7,800	
Primary Member Steel	100%			LIFE	**	2-8	\$130,600	
Secondary Member Steel	100%			LIFE	**	2-8	\$6,600	

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$95,400	\$516,000
<b>Total</b>	<b>\$95,400</b>	<b>\$516,000</b>
Importance Code A	\$95,400	\$62,100
Importance Code C		\$453,900
<b>Total</b>	<b>\$95,400</b>	<b>\$516,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$154,100	\$2,300	\$3,400	\$2,600
<b>Total</b>	<b>\$154,100</b>	<b>\$2,300</b>	<b>\$3,400</b>	<b>\$2,600</b>
Importance Code A	\$66,100		\$2,200	
Importance Code B	\$54,100		\$1,200	
Importance Code C	\$33,900	\$2,300		\$2,600
<b>Total</b>	<b>\$154,100</b>	<b>\$2,300</b>	<b>\$3,400</b>	<b>\$2,600</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 38TH STREET AMTRAK 30TH STREET BRANCH**  
**Asset # : 14980**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
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+	\$24,700	LIFE			**	
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Cracks</i>					
Concrete Encased Steel	60%			LIFE			**	
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	25%	4+	\$19,700	LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Efflorescence, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	75%			LIFE			**	
<b>Feature Crossed</b>								
Bank Protection								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pier Protection								
Concrete	100%			LIFE			**	
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Cracks</i>					
<b>Approaches</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 38TH STREET AMTRAK 30TH STREET BRANCH**  
**Asset # : 14980**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	50%	4+	\$9,600	2031	\$191,400	4	\$5,100	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Asphalt	50%			2031	\$191,400	4	\$5,100	
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Corrosion, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%	4+	\$4,900	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$1,000	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Steel	100%	4+	\$15,700	LIFE		**	2-8	\$48,100
<i>Corrosion, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
Pier,Columns								
Steel	100%	4+	\$29,400	LIFE		**	2-8	\$33,400
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%	4+	\$2,100	LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Concrete	100%	4+	\$18,600	2039	**	4	\$3,100	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Steel	100%			LIFE	**	2-8	\$4,300	
Sidewalks								
Concrete	100%			2035	**	5	\$4,500	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
Wearing Surface								
Asphalt	100%	4+	\$3,600	2031	\$71,200	5	\$2,600	
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Superstructure</b>								
Deck, Structural								
Concrete	76%	4+	\$23,700	LIFE	**	5	\$6,800	
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Exposed Reinforcement, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Random Locations Throughout</i>					
Concrete	24%			LIFE	**	5	\$6,800	
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Primary Member								
Concrete Encased Steel	65%	4+	\$95,400	LIFE	**	5	\$31,000	
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete Encased Steel	35%			LIFE	**	5	\$31,000	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$212,300	\$687,400
<b>Total</b>	<b>\$212,300</b>	<b>\$687,400</b>
Importance Code A	\$212,300	\$104,300
Importance Code C		\$583,100
<b>Total</b>	<b>\$212,300</b>	<b>\$687,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$155,200		\$6,500	\$3,300
<b>Total</b>	<b>\$155,200</b>		<b>\$6,500</b>	<b>\$3,300</b>
Importance Code A	\$38,300		\$4,300	
Importance Code B	\$50,700		\$2,200	
Importance Code C	\$66,200			\$3,300
<b>Total</b>	<b>\$155,200</b>		<b>\$6,500</b>	<b>\$3,300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 39TH STREET AMTRAK 30TH STREET BRANCH**  
**Asset # : 14981**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
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+	\$37,800	LIFE			* *	
			<i>Efflorescence, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Cracks</i>					
Concrete Encased Steel	35%			LIFE			* *	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	35%	4+	\$18,200	LIFE			* *	
			<i>Cracks, Extent : Light, Area Affected : 3%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Exposed Reinforcement, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
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		Priority
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+	\$12,800	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Concrete	55%			LIFE		**		
Approaches								
Pavement								
Asphalt	80%	4+	\$7,900	2031	\$394,700	4	\$6,600	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Asphalt	20%			2031	\$98,700	4	\$6,600	
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,500	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	\$1,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Steel	100%	4+	\$31,900	LIFE		**	2-8	\$97,700
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 39TH STREET AMTRAK 30TH STREET BRANCH**  
**Asset # : 14981**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier,Columns Steel	100%			LIFE	**	2-8	\$61,800	
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
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%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$1,100	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets Concrete	100%	4+	\$3,700	2039	**	4	\$1,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE	**	2-8	\$2,200	
<b>Sidewalks</b>								
Concrete	100%	2-4	\$29,900	2035	**	5	\$1,000	
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface Asphalt	100%	2-4	\$9,000	2031	\$89,700	5	\$3,300	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

**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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural								
Concrete	91%	4+	\$141,800	LIFE	**	5	\$6,800	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	9%			LIFE	**	5	\$6,800	
Joints								
Not Accessible	100%							
Primary Member								
Concrete Encased Steel	48%	4+	\$70,500	LIFE	**	5	\$31,000	
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete Encased Steel	52%			LIFE	**	5	\$31,000	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : WEST 41ST 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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$243,900	\$478,900
<b>Total</b>	<b>\$243,900</b>	<b>\$478,900</b>
Importance Code A	\$186,100	\$43,600
Importance Code B	\$57,900	
Importance Code C		\$435,200
<b>Total</b>	<b>\$243,900</b>	<b>\$478,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$102,300		\$9,300	
<b>Total</b>	<b>\$102,300</b>		<b>\$9,300</b>	
Importance Code A	\$46,000		\$4,400	
Importance Code B	\$23,700		\$2,300	
Importance Code C	\$32,600		\$2,700	
<b>Total</b>	<b>\$102,300</b>		<b>\$9,300</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST 41ST STREET AMTRAK 30TH STREET BRANCH**

**Asset # : 14982**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
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			* *	
<i>Spalling, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Concrete	46%	4+	\$17,800	LIFE			* *	
<i>Cracks, Extent : Light, Area Affected : 4%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	54%			LIFE			* *	
Feature Crossed								
Bank Protection								
Generic	100%			LIFE			* *	
Mat (scour & erosion)								
Generic	100%			LIFE			* *	
Pier Protection								
Concrete	20%	2-4	\$23,700	LIFE			* *	
<i>Exposed Reinforcement, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
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 41ST STREET AMTRAK 30TH STREET BRANCH**  
**Asset # : 14982**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	4+	\$7,300	2031	\$362,800	4	\$4,800	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
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+	\$2,800	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Steel	100%	4+	\$33,000	LIFE		**	2-8	\$100,900
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Pier, Columns								
Steel	100%	4+	\$57,900	LIFE		**	2-8	\$65,800
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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 41ST STREET AMTRAK 30TH STREET BRANCH**

**Asset # : 14982**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	0-2	\$13,000	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets								
Under Construction	100%							
Sidewalks								
Concrete	100%	4+	\$4,800	2035		**	5	\$1,600
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%			2031	\$72,500		5	\$5,300
Superstructure								
Deck, Structural								
Concrete	52%	2-4	\$82,900	LIFE		**	5	\$6,900
<i>Cracks, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	48%			LIFE		**	5	\$6,900
Joints								
Not Accessible	100%							
Primary Member								
Concrete Encased Steel	100%	4+	\$103,100	LIFE		**	5	\$31,700
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : WEST FINGERBOARD ROAD SIRT SOUTH SHORE  
**Address** : W. FINGERBOARD RD. BET MARIE ST. AND N. RAILROAD AVENUE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0265.000 / 15019 **Yr Built/Renovated** :  
**Area Sq Ft** : 5,126 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 09-Jan-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2249480

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$10,500	\$11,100	\$1,200	
<b>Total</b>	<b>\$10,500</b>	<b>\$11,100</b>	<b>\$1,200</b>	
Importance Code A	\$2,500		\$200	
Importance Code C	\$8,000	\$11,100	\$1,000	
<b>Total</b>	<b>\$10,500</b>	<b>\$11,100</b>	<b>\$1,200</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST FINGERBOARD ROAD SIRT SOUTH SHORE**

**Asset # : 15019**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Concrete	100%			2040		**	4	\$24,000
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Rust Stains, Extent : Moderate, Area Affected : 75%</i>					
			<i>Location : Throughout</i>					
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
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 FINGERBOARD ROAD SIRT SOUTH SHORE**

**Asset # : 15019**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets								
Concrete	100%			2040	**	4	\$2,800	
Sidewalks								
Concrete	100%			LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
Railings/Parapets								
Concrete	100%			2040	**	4	\$4,600	
Steel	100%			LIFE	**	2-8	\$4,300	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On Top Of Concrete Parapet</i>								
<i>Explanation : Chain Link Fence</i>								
Sidewalks								
Concrete	100%			2036	**	5	\$2,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Adjacent To Curb</i>								
Wearing Surface								
Concrete	100%			2040	**	5	\$22,200	
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST FINGERBOARD ROAD SIRT SOUTH SHORE**  
**Asset # : 15019**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost

Superstructure  
 Secondary Member  
 Not Accessible                      100%

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$60,100	\$1,116,900
<b>Total</b>	<b>\$60,100</b>	<b>\$1,116,900</b>
Importance Code A		\$233,000
Importance Code C	\$60,100	\$883,900
<b>Total</b>	<b>\$60,100</b>	<b>\$1,116,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$42,400		\$25,000	\$8,200
<b>Total</b>	<b>\$42,400</b>		<b>\$25,000</b>	<b>\$8,200</b>
Importance Code A	\$4,600		\$23,600	\$3,100
Importance Code B			\$1,400	
Importance Code C	\$37,900			\$5,100
<b>Total</b>	<b>\$42,400</b>		<b>\$25,000</b>	<b>\$8,200</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST FORDHAM ROAD METRO NORTH RAILROAD HUDSON**  
**Asset # : 14992**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
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		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 50 Percent Concrete</i>						
Masonry	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 50 Percent Masonry</i>						
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 50 Percent Concrete</i>						
Masonry	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 50 Percent Masonry</i>						
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE		**		
	<i>Roadway/Path, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 33 Percent Asphalt Paving</i>							
Earth	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Railroad Tracks</i>							
	<i>67 Percent Earth</i>							
Pier Protection								
Concrete	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	1%	4+	\$7,600	2031	\$7,600	4	\$10,200	
	<i>Cracks, Extent : Light, Area Affected : 8%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Asphalt	99%			2031	\$756,000	4	\$10,200	
Curbs								
Concrete w/ Steel Face	100%	4+	\$1,200	LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 4%</i>							
	<i>Location : Random Locations Throughout</i>							
Embankment								
Generic	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2039		**	4	\$800
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Concrete</i>							
Steel	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Steel</i>							
Sidewalks								
Concrete	100%			LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							

## Piers

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST FORDHAM ROAD METRO NORTH RAILROAD HUDSON**

**Asset # : 14992**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
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		**		
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%	4+	\$3,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Median</b>								
Concrete	100%			LIFE		**	5	\$800
<b>Railings/Parapets</b>								
Concrete	100%			2039		**	4	\$5,400
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Concrete</i>								
Steel	100%			LIFE		**	2-8	\$7,400
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Steel</i>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$8,600	2035		**	5	\$3,000
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 3%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wearing Surface</b>								
Concrete	1%	4+	\$21,600	2039		**	5	\$60,100
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	99%			2039		**	5	\$120,200
<b>Scupper</b>								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Two Scuppers Observed</i>								

**Superstructure**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST FORDHAM ROAD METRO NORTH RAILROAD HUDSON**

**Asset # : 14992**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%			LIFE	**	5	\$25,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Covered With Stay-in-place Form</i>								
Joints								
Generic	100%			LIFE	**			
Primary Member								
Steel	100%			LIFE	**	2-8	\$435,300	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$21,900	

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$82,700	\$584,500
<b>Total</b>	<b>\$82,700</b>	<b>\$584,500</b>
Importance Code A		\$293,600
Importance Code B	\$82,700	\$42,200
Importance Code C		\$248,800
<b>Total</b>	<b>\$82,700</b>	<b>\$584,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$150,500		\$35,200	
<b>Total</b>	<b>\$150,500</b>		<b>\$35,200</b>	
Importance Code A	\$19,800		\$29,700	
Importance Code B	\$30,600		\$5,500	
Importance Code C	\$100,100			
<b>Total</b>	<b>\$150,500</b>		<b>\$35,200</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST TREMONT AVENUE METRO NORTH RAILROAD HUDSON**  
**Asset # : 14991**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Under Construction</i>							
Backwall								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Under Construction</i>							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Under Construction</i>							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$23,300	LIFE			**	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Under Construction</i>							
Stem (breastwall)								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Under Construction</i>							
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Under Construction</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST TREMONT AVENUE METRO NORTH RAILROAD HUDSON**  
**Asset # : 14991**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Bank Protection								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Asphalt Paving	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Paved Roadway</i>					
			<i>75 Percent Asphalt Paving</i>					
Earth	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Railroad Tracks</i>					
			<i>25 Percent Earth</i>					
Pier Protection								
Concrete	100%			LIFE			**	
Approaches								
Pavement								
Asphalt	100%	4+	\$3,000	2031	\$151,500	4	\$2,000	
			<i>Cracks, Extent : Light, Area Affected : 6%</i>					
			<i>Location : Random Locations Throughout</i>					
Curbs								
Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 25 Percent Concrete</i>					
Concrete w/ Steel Face	100%			LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 25 Percent Concrete With Steel Face</i>					
Granite	100%	4+	\$3,800	LIFE			**	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 8%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 4%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : 50 Percent Granite</i>					
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Railings/Parapets								
Masonry	100%	4+	\$5,800	2039		**		
	<i>Spalling, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Northeast Corner</i>							
	<i>Explanation : Missing Element, Impact Damage, 50 Percent Masonry</i>							
Steel	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Steel</i>							
<b>Sidewalks</b>								
Concrete	65%	4+	\$1,100	LIFE		**		
	<i>Cracks, Extent : Light, Area Affected : 8%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Concrete	35%			LIFE		**		
<b>Piers</b>								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$176,200
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 25 Percent Steel</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 75 Percent Not Accessible</i>							
<b>Pier,Columns</b>								
Steel	100%			LIFE		**	2-8	\$121,500
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Steel</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Not Accessible</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST TREMONT AVENUE METRO NORTH RAILROAD HUDSON**  
**Asset # : 14991**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier Concrete	40%	4+	\$82,700	LIFE				* *
	<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 50 Percent Concrete</i>							
Concrete	60%			LIFE				* *
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location :</i> <i>Explanation : 50 Percent Not Accessible</i>							
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location :</i> <i>Explanation : 50 Percent Not Accessible</i>							
Under Construction	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location :</i> <i>Explanation : 50 Percent Under Construction</i>							
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE				* *
<b>Pedestals</b>								
Concrete	100%	4+	\$7,300	LIFE				* *
	<i>Cracks, Extent : Light, Area Affected : 4%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 40 Percent Concrete</i>							
Steel	100%			LIFE				* *
	<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 10 Percent Steel</i>							
Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i> <i>Location : Throughout</i> <i>Explanation : 50 Percent Not Accessible</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST TREMONT AVENUE METRO NORTH RAILROAD HUDSON**  
**Asset # : 14991**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2050		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Concrete</i>							
Concrete w/ Steel Face	100%			LIFE		**		
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Concrete With Steel Face</i>							
Railings/Parapets								
Concrete	100%	4+	\$10,100	2039		**	4	\$4,300
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Concrete</i>							
Steel	100%			LIFE		**	2-8	\$5,900
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Steel</i>							
Sidewalks								
Concrete	100%	4+	\$15,400	2035		**	5	\$5,300
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Random Locations Throughout</i>							
Wearing Surface								
Concrete	70%	4+	\$24,500	2039		**	5	\$48,600
	<i>Cracks, Extent : Light, Area Affected : 12%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 8%</i>							
	<i>Location : Random Locations Throughout</i>							
Concrete	30%			2039		**	5	\$97,300
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 TREMONT AVENUE METRO NORTH RAILROAD HUDSON**  
**Asset # : 14991**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Superstructure</b>								
Deck, Structural Concrete	100%			LIFE	**	5	\$24,200	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Concrete</i>							
Under Construction	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Under Construction</i>							
<b>Joints</b>								
Generic	100%	4+	\$7,400	LIFE	**			
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
<b>Primary Member</b>								
Concrete	100%			LIFE	**	5	\$19,100	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Box Beam</i>							
	<i>15 Percent Concrete</i>							
Steel	100%			LIFE	**	2-8	\$406,000	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 35 Percent Steel</i>							
Under Construction	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Under Construction</i>							
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$20,400	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Steel</i>							
Under Construction	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location :</i>							
	<i>Explanation : 50 Percent Under Construction</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 01-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2241230

**CAPITAL**

**Total**

Importance Code

**Total**

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$53,400		\$9,700	\$34,900
<b>Total</b>	<b>\$53,400</b>		<b>\$9,700</b>	<b>\$34,900</b>
Importance Code A	\$5,900		\$400	
Importance Code B	\$22,800			
Importance Code C	\$24,700		\$9,300	\$34,900
<b>Total</b>	<b>\$53,400</b>		<b>\$9,700</b>	<b>\$34,900</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/ P AND W**  
**Asset # : 13569**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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+	\$22,800	LIFE		**		
			<i>Cracks, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Northwest Corner</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Northwest And Southeast Sides</i>					
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Asphalt	22%	4+	\$15,400	2034		**	4	\$18,600
			<i>Cracks, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 3%</i>					
			<i>Location : South Approach</i>					
			<i>Explanation : A Steel Plate</i>					
Asphalt	78%			2034		**	4	\$18,600
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : East Approach South Side</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 16%</i>					
			<i>Location : Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/ P AND W**  
**Asset # : 13569**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Median								
Concrete	100%			LIFE		**	5	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : North Approach</i>						
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	\$1,800	2042		**	4	\$300
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Northeast Corner</i>						
		<i>Spalling, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Northeast Corner</i>						
Steel	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Steel Panel Wall</i>						
Sidewalks								
Concrete	100%	4+	\$9,400	LIFE		**		
		<i>Cracks, Extent : Light, Area Affected : 4%</i>						
		<i>Location : Random Locations Throughout</i>						
Scupper								
Cast Iron	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : North Approach</i>						
		<i>Explanation : One Scupper</i>						
<b>Piers</b>								
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**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WESTCHESTER AVE. BRIDGE OVER AMTRAK/ CSXT/ P AND W**  
**Asset # : 13569**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Rust Stains, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Throughout</i>						
<b>Median</b>								
Concrete	100%			LIFE	**	5	\$1,400	
<b>Railings/Parapets</b>								
Concrete	100%			2042	**	4	\$400	
Steel	100%			LIFE	**	2-8	\$8,700	
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Steel Panel Wall</i>						
<b>Sidewalks</b>								
Concrete	100%			2038	**	5	\$7,500	
<b>Wearing Surface</b>								
Concrete	100%			2042	**	5	\$69,800	
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Material Is Concrete</i>						
<b>Joints</b>								
Generic	100%			LIFE	**			
		<i>Other Observation, Extent : N/A, Area Affected : 20%</i>						
		<i>Location : Southwest Corner</i>						
		<i>Explanation : Depressed Joint Seal</i>						
<b>Primary Member</b>								
Not Accessible	100%							
<b>Secondary Member</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : WESTCHESTER AVENUE HUTCHINSON RIVER PARKWAY  
 Address : WESTCHESTER AVE OVER HR PKWY  
 Borough : BRONX Agency's Number : N/A  
 Program / Asset # : DOT0312.000 / 15070 Yr Built/Renovated :  
 Area Sq Ft : 12,173 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 16-Jan-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2075837

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$563,600
<b>Total</b>		<b>\$563,600</b>
Importance Code A		\$120,500
Importance Code C		\$443,100
<b>Total</b>		<b>\$563,600</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$8,200	\$32,800	\$17,900	
<b>Total</b>	<b>\$8,200</b>	<b>\$32,800</b>	<b>\$17,900</b>	
Importance Code A	\$800		\$12,300	
Importance Code B			\$700	
Importance Code C	\$7,400	\$32,800	\$4,800	
<b>Total</b>	<b>\$8,200</b>	<b>\$32,800</b>	<b>\$17,900</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WESTCHESTER AVENUE HUTCHINSON RIVER PARKWAY**

**Asset # : 15070**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Backwall Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Mat (scour & erosion) Generic	100%			LIFE		**		
Pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Stem (breastwall) Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Masonry	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE		**		
Approaches								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WESTCHESTER AVENUE HUTCHINSON RIVER PARKWAY**

**Asset # : 15070**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%			2032	\$443,100	4	\$7,600	
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Concrete	100%			2040	**	4	\$14,600	
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Curbs								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Embankment								
Earth	100%			LIFE	**			
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$2,300	
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Sidewalks								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : North Side</i>								
<i>Explanation : Under Construction</i>								
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**  
**WESTCHESTER AVENUE HUTCHINSON RIVER PARKWAY**

**Asset # : 15070**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pedestals								
Concrete	100%			LIFE			**	
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : North Side</i>						
		<i>Explanation : Under Construction</i>						
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	100%			2051			**	
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : North Side</i>						
		<i>Explanation : Under Construction</i>						
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$6,800
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : North Side</i>						
		<i>Explanation : Under Construction</i>						
Sidewalks								
Concrete	100%			2036		**	5	\$9,600
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : North Side</i>						
		<i>Explanation : Under Construction</i>						
Wearing Surface								
Concrete	100%			2040		**	5	\$65,600
Superstructure								
Deck, Structural								
Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : North Side</i>						
		<i>Explanation : Under Construction</i>						
Primary Member								
Steel	100%			LIFE		**	2-8	\$225,000
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : North Side</i>						
		<i>Explanation : Under Construction</i>						
Secondary Member								
Steel	100%			LIFE		**	2-8	\$11,300
		<i>Other Observation, Extent : Light, Area Affected : 50%</i>						
		<i>Location : North Side</i>						
		<i>Explanation : Under Construction</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : WHITELAW PEDESTRIAN BRIDGE NORTH & SOUTH CONDUIT AVENUE  
**Address** : FROM ARION ROAD BET. WHITELAW STREET AND 149TH AVENUE  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0268.000 / 15022 **Yr Built/Renovated** :  
**Area Sq Ft** : 6,264 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 22-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2248020

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$458,600	\$621,200
<b>Total</b>	<b>\$458,600</b>	<b>\$621,200</b>
Importance Code A	\$458,600	\$621,200
<b>Total</b>	<b>\$458,600</b>	<b>\$621,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$239,300		\$14,200	
<b>Total</b>	<b>\$239,300</b>		<b>\$14,200</b>	
Importance Code A	\$91,700		\$13,500	
Importance Code B	\$49,200		\$800	
Importance Code C	\$98,400			
<b>Total</b>	<b>\$239,300</b>		<b>\$14,200</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**WITELAW PEDESTRIAN BRIDGE NORTH & SOUTH CONDUIT AVENUE**  
**Asset # : 15022**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Granite	100%	4+	\$9,700	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southeast Abutment</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Southeast Abutment</i>								
Backwall								
Concrete	100%	4+	\$7,900	LIFE			**	
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Southeast Abutment</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On Both Abutments</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : North Abutment</i>								
<i>Explanation : Brick Veneer Fascia On 50 Percent Of Area On Both Abutments. Light Scaling.</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE			**	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Abutments</i>								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pedestals								
Concrete	100%			LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On Both Abutments</i>								
Stem (breastwall)								
Concrete	100%	4+	\$3,300	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On Both Abutments</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On Southeast Abutment</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Brick Veneer Fascia</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WITELAW PEDESTRIAN BRIDGE NORTH & SOUTH CONDUIT AVENUE**  
**Asset # : 15022**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Wingwalls								
Walls								
Brick Veneer	100%	4+	\$11,800	LIFE			**	
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On Base Of Wall At Southeast Ramp</i>								
<i>Missing Bricks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations On Northeast Wingwall</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Northeast Wingwall</i>								
<i>Explanation : Limited Access On 40 Percent Of Area. Vegetation Growth.</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Around Pier 2 And 3</i>								
<i>Explanation : Limited Access</i>								
Approaches								
Pavement								
Concrete	100%	4+	\$41,400	2042			**	4 \$27,100
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations On Both Approaches</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations On Both Approaches</i>								
Curbs								
Concrete	100%			LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Northeast Approach</i>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Southeast Approach</i>								
<i>Explanation : Vegetation Growth</i>								
Piers								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WHITELAW PEDESTRIAN BRIDGE NORTH & SOUTH CONDUIT AVENUE**  
**Asset # : 15022**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier Concrete	100%	4+	\$37,100	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Piers 1 And 4 From South End</i>								
<i>Missing Bricks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Pier 1 From South End</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access On 50 Percent Of Area. Brick Veneer Fascia.</i>								
Brngs,Ancr Blts,Pads Steel	100%			LIFE		**	2-8	\$6,100
<i>Other Observation, Extent : N/A, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Pier 2 And 3</i>								
<i>Explanation : Limited Access</i>								
<b>Pedestals</b>								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 70%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access</i>								
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	3%	2-4	\$21,600	2053		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : 1st Joint From South Pier</i>								
<i>Spalling, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : 1st Joint From South Pier</i>								
Concrete	97%			2053		**		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WHITELAW PEDESTRIAN BRIDGE NORTH & SOUTH CONDUIT AVENUE**  
**Asset # : 15022**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railings/Parapets								
Steel	100%	4+	\$16,300	LIFE	**	2-8	\$22,200	
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i> <i>Location : Base Of Chain Link Fence Posts</i> <i>Loss of Section, Extent : Moderate, Area Affected : 15%</i> <i>Location : Base Of Chain Link Fence Posts</i> <i>Rust Stains, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Chain Link Fence Attached To Steel Railing</i>								
Wearing Surface								
Concrete	100%	2-4	\$32,900	2042	**	5	\$18,300	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Delaminations, Extent : Light, Area Affected : 2%</i> <i>Location : Near South Abutment</i> <i>Spalling, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 2 Scuppers Observed</i>								
Superstructure								
Deck, Structural								
Concrete	3%	4+	\$85,600	LIFE	**	5	\$248,200	
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Corrosion, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Limited Access On 70 Percent Of Area. Stay In Place Forms Between Girders. Wire Mesh Coverings.</i>								
Concrete	97%			LIFE	**	5	\$496,400	
Joints								
Generic	100%	2-4	\$4,400	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : 1st And 2nd Joint From South Pier</i> <i>Explanation : Joint Material Squeezed Out</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$399,700	

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**  
**WHITELAW PEDESTRIAN BRIDGE NORTH & SOUTH CONDUIT AVENUE**  
**Asset # : 15022**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Secondary Member								
Steel	100%			LIFE		* *	2-8	\$20,600

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : WOODHAVEN BLVD QUEENS BLVD  
 Address : WOODHAVEN BLVD OVER QUEENS BLVD  
 Borough : QUEENS Agency's Number : N/A  
 Program / Asset # : DOT0281.000 / 15039 Yr Built/Renovated : 1940 /  
 Area Sq Ft : 10,732 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 01-Nov-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2248159

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$452,500
<b>Total</b>		<b>\$452,500</b>
Importance Code C		\$452,500
<b>Total</b>		<b>\$452,500</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$83,500	\$700	\$1,800	
<b>Total</b>	<b>\$83,500</b>	<b>\$700</b>	<b>\$1,800</b>	
Importance Code A	\$38,300	\$700		
Importance Code C	\$45,100		\$1,800	
<b>Total</b>	<b>\$83,500</b>	<b>\$700</b>	<b>\$1,800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WOODHAVEN BLVD QUEENS BLVD**  
**Asset # : 15039**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Buried By Asphalt Wearing Surface</i>						
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Masonry	100%			LIFE			**	
		<i>Efflorescence, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Masonry	100%			LIFE			**	
		<i>Cracks, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Random Locations Throughout</i>						
<b>Feature Crossed</b>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
<b>Approaches</b>								
Pavement								
Asphalt	20%	2-4	\$11,900	2032	\$59,300	4	\$4,100	
		<i>Cracks, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Throughout</i>						
Asphalt	80%			2032	\$237,200	4	\$6,200	
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
		<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WOODHAVEN BLVD QUEENS BLVD**  
**Asset # : 15039**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE	**	5	\$200	
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
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%	Now	\$6,900	LIFE	**			
								<i>Misaligned/Bulging, Extent : Severe, Area Affected : 80%</i>
								<i>Location : Throughout</i>
								<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>
								<i>Location : Throughout</i>
Median								
Concrete	100%			LIFE	**	5	\$800	
Railings/Parapets								
Masonry	50%			2040	**	5	\$1,400	
Masonry	50%	Now	\$31,400	2046	**	5	\$700	
								<i>Damaged Railing, Extent : Severe, Area Affected : 100%</i>
								<i>Location : North Parapet</i>
								<i>Other Observation, Extent : Light, Area Affected : 100%</i>
								<i>Location : North Parapet</i>
								<i>Explanation : Temporary Barrier In Front Of Missing Barrier</i>
Sidewalks								
Concrete	100%			2036	**	5	\$3,600	
								<i>Cracks, Extent : Light, Area Affected : 10%</i>
								<i>Location : Random Locations Throughout</i>

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WOODHAVEN BLVD QUEENS BLVD**  
**Asset # : 15039**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Deck Elements</b>								
Wearing Surface Asphalt	100%	Now	\$31,200	2032	\$156,000	5	\$6,000	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 15%</i>								
<i>Location : East Bound Turning Lane</i>								
<i>Explanation : Rutting</i>								
<b>Superstructure</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : WOODHAVEN BOULEVARD OVER ATLANTIC AVENUE  
**Address** : WOODHAVEN BLVD & ATLANTIC AVE BETWEEN 93RD AND 95TH STREETS  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0361.000 / 15375 **Yr Built/Renovated** :  
**Area Sq Ft** : 19,462 **Project Type** : HIGHWAY BRIDGES  
**Date of Survey** : 13-Jul-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2248019

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$111,000	\$311,300
<b>Total</b>	<b>\$111,000</b>	<b>\$311,300</b>
Importance Code A	\$50,200	
Importance Code B	\$60,800	
Importance Code C		\$311,300
<b>Total</b>	<b>\$111,000</b>	<b>\$311,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$97,600			
<b>Total</b>	<b>\$97,600</b>			
Importance Code A	\$20,200			
Importance Code B	\$52,000			
Importance Code C	\$25,400			
<b>Total</b>	<b>\$97,600</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**WOODHAVEN BOULEVARD OVER ATLANTIC AVENUE**

**Asset # : 15375**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Masonry	100%	4+	\$4,300	LIFE			**	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Joint Mortar Missing/ Eroded</i>								
<hr/>								
Backwall Concrete	100%	4+	\$15,400	LIFE			**	
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout With More Severe Near East Corner Of North Abutment.</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Near East End Of North Abutment</i>								
<i>Settlement, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Near East End Of North Abutment</i>								
<hr/>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
<hr/>								
Footings Not Accessible	100%							
<hr/>								
Joint with Deck Generic	100%			LIFE			**	
<hr/>								
Mat (scour & erosion) Generic	100%			LIFE			**	
<hr/>								
Pedestals Not Accessible	100%							
<hr/>								
Stem (breastwall) Concrete	100%	4+	\$60,800	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout Both Abutments</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : On Both Abutments</i>								
<hr/>								
Masonry	100%	4+	\$7,500	LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Joint Mortar Missing/ Eroded</i>								
<hr/>								
<b>Wingwalls</b>								
Footings Not Accessible	100%							
<hr/>								
Mat (scour & erosion) Generic	100%			LIFE			**	
<hr/>								
Piles Not Accessible	100%							
<hr/>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WOODHAVEN BOULEVARD OVER ATLANTIC AVENUE**

**Asset # : 15375**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Masonry	100%			LIFE		**		
		<i>Efflorescence, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Asphalt	100%	4+	\$3,400	2033	\$168,700	4		
		<i>Cracks, Extent : Light, Area Affected : 15%</i>						
		<i>Location : Random Locations Throughout</i>						
Curbs								
Concrete	100%			LIFE		**		
		<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE		**	5	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%	4+	\$2,400	2041		**	4	\$900
		<i>Cracks, Extent : Light, Area Affected : 15%</i>						
		<i>Location : On Both Approaches</i>						
Masonry	100%			2041		**		
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Joint Mortar Missing/ Eroded</i>						
Piers								
Pier,Columns								
Masonry	100%			LIFE		**		
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Efflorescence, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Spalling, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Top Of South Middle Pier</i>						
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : Joint Mortar Missing/ Eroded</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WOODHAVEN BOULEVARD OVER ATLANTIC AVENUE**

**Asset # : 15375**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete	4%	2-4	\$13,500	2052	**			
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	96%			2052	**			
Median								
Concrete	100%			LIFE	**	5	\$3,100	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Girder Acts As Median Barrier</i>								
Wearing Surface								
Asphalt	100%			2033	\$142,600	5		
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 10%</i>								
<i>Location : Scattered Locations</i>								
<i>Explanation : Bottom Covered With Stay In Place Forms</i>								
Joints								
Generic	100%	Now	\$6,600	LIFE	**			
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Span 2 Near Center Pier</i>								
<i>Explanation : Filler Material Squeezed Out</i>								
Primary Member								
Steel	2%	4+	\$50,200	LIFE	**	2-8		
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout With Moderate Condition Near Piers</i>								
<i>Loss of Section, Extent : Light, Area Affected : 1%</i>								
<i>Location : West Girder Near Pier 2</i>								
Steel	98%			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**  
**WOODHAVEN BOULEVARD OVER ATLANTIC AVENUE**

**Asset # : 15375**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

Superstructure

Secondary Member

Concrete

100% 4+ \$44,400 LIFE \* \* 5 \$7,900

*Cracks, Extent : Light, Area Affected : 5%*

*Location : Random Locations Throughout With Moderate Condition Near All Piers*

*Efflorescence, Extent : Light, Area Affected : 5%*

*Location : Random Locations Throughout*

*Spalling, Extent : Light, Area Affected : 2%*

*Location : Random Locations Throughout*

*Other Observation, Extent : N/A, Area Affected : 2%*

*Location : Scattered Locations*

*Explanation : Covered With Steel Mesh*

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : WOODSIDE AVENUE LIRR MAIN LINE  
 Address : WOODSIDE AVE. BET 62ND STREET AND 65TH STREET  
 Borough : QUEENS Agency's Number : N/A  
 Program / Asset # : DOT0269.000 / 15023 Yr Built/Renovated :  
 Area Sq Ft : 14,925 Project Type : HIGHWAY BRIDGES  
 Date of Survey : 01-Nov-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2247120

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$624,000
<b>Total</b>		<b>\$624,000</b>
Importance Code C		\$624,000
<b>Total</b>		<b>\$624,000</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$20,300		\$4,600	\$5,900
<b>Total</b>	<b>\$20,300</b>		<b>\$4,600</b>	<b>\$5,900</b>
Importance Code A	\$17,700			
Importance Code C	\$2,500		\$4,600	\$5,900
<b>Total</b>	<b>\$20,300</b>		<b>\$4,600</b>	<b>\$5,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WOODSIDE AVENUE LIRR MAIN LINE**  
**Asset # : 15023**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : No Access To Railroad Property Underneath</i>						
Backwall Not Accessible	100%							
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Joint with Deck Not Accessible	100%							
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location :</i>						
		<i>Explanation : Covered By Asphalt Wearing Surface</i>						
Mat (scour & erosion) Not Accessible	100%							
Pedestals Not Accessible	100%							
Stem (breastwall) Not Accessible	100%							
Walls Not Accessible	100%							
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Piles Not Accessible	100%							
Walls Not Accessible	100%							
Feature Crossed								
Mat (scour & erosion) Generic	100%			LIFE			**	
Pier Protection Concrete	100%			LIFE			**	
Approaches								
Pavement Asphalt	100%			2032	\$438,900	4	\$7,600	
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Curbs Concrete w/ Steel Face	100%			LIFE			**	
		<i>Rust Stains, Extent : Moderate, Area Affected : 90%</i>						
		<i>Location : Throughout</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WOODSIDE AVENUE LIRR MAIN LINE**  
**Asset # : 15023**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Embankment								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$2,300	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Sidewalks								
Concrete	100%			LIFE	**			
			<i>Cracks, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
			<i>Rust Stains, Extent : Moderate, Area Affected : 90%</i>					
			<i>Location : Throughout</i>					
Railings/Parapets								
Concrete	100%	Now	\$17,000	2040	**	4	\$6,200	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WOODSIDE AVENUE LIRR MAIN LINE**  
**Asset # : 15023**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Deck Elements								
Sidewalks								
Concrete	100%			2036	**	5	\$9,200	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Asphalt	100%			2032	\$185,200	5	\$11,800	
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 05-Apr-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240089

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,847,400	\$1,304,400
Bridge Mechanical	\$792,900	
<b>Total</b>	<b>\$2,640,300</b>	<b>\$1,304,400</b>
Importance Code A		\$906,600
Importance Code B	\$993,400	\$397,800
Importance Code C	\$1,646,900	
<b>Total</b>	<b>\$2,640,300</b>	<b>\$1,304,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure		\$14,500	\$149,500	
Bridge Electrical	\$29,600	\$8,100	\$6,600	\$6,600
Bridge Mechanical	\$99,400	\$44,900	\$80,800	\$44,900
<b>Total</b>	<b>\$129,000</b>	<b>\$67,500</b>	<b>\$237,000</b>	<b>\$51,500</b>
Importance Code A			\$86,900	
Importance Code B	\$129,000	\$53,100	\$127,300	\$51,500
Importance Code C		\$14,500	\$22,700	
<b>Total</b>	<b>\$129,000</b>	<b>\$67,500</b>	<b>\$237,000</b>	<b>\$51,500</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
Backwall Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : The Concrete Backwall Exhibits Vertical Cracks Up To 1/8" Wide In Bays 2, 4 And 5. Bay 5 Exhibits Leaching Efflorescence Also.</i>								
Brngs,Ancr Blts,Pads Elastomeric	100%			2058		**		
Footings Not Accessible	100%							
Joint with Deck Generic	100%			LIFE		**		
Pedestals Concrete	100%			LIFE		**		
Stem (breastwall) Concrete	100%			LIFE		**		
<b>Wingwalls</b>								
Footings Not Accessible	100%							
Piles Not Accessible	100%							
Walls Granite	100%			LIFE		**		
<b>Feature Crossed</b>								
Bank Protection Concrete	100%	2-4	\$1,274,700	LIFE		**		
<i>Spalling, Extent : Severe, Area Affected : 25%</i>								
<i>Location : The Concrete Bulkhead Under Span 3 On The Right Side Is Spalled On Rotting Timber Cribbing.</i>								
Riprap	100%			LIFE		**		
Timber	100%			2040		**		
Mat (scour & erosion) Not Accessible	100%							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Timber	10%	0-2	\$200,500	LIFE			**	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Piers 3 And 5 Right Side Dolphins</i>								
<i>Rotted, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Piers 3 And 5 Right Side Dolphins</i>								
<i>Split/Dry/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Piers 3 And 5</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Piers 3 And 5</i>								
<i>Explanation : Exhibits Impact Damage To Dolphins.</i>								
Timber	90%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Pier 4</i>								
<i>Explanation : New Pier Protection.</i>								
Approaches								
Pavement								
Asphalt	100%	4+	\$372,200	2036		4	\$53,300	**
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Beginning And End Approaches.</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE				**
Guide Railing								
Steel	100%			LIFE		2-8		**
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE				**
Piers								
Cap Beam								
Concrete	100%			LIFE				**
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Piers 6 And 7.</i>								
<i>Explanation : Concrete Cap Beam</i>								
Stem,Solid Pier								
Concrete	100%			LIFE				**
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Piers 1 Through 3 And 5 Through 7.</i>								
<i>Explanation : Concrete Pier Stem</i>								
Granite	100%			LIFE				**
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Piers 3 And 5.</i>								
<i>Explanation : Granite Facade.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Piers								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2058	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Piers 1 Through 3 And 5 Through 7.</i>								
<i>Explanation : Elastomeric Bearings. For Spans 1 Through 3 And 6 Through 8.</i>								
Steel	100%			LIFE	**	2-8		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Piers 3, 4, 5.</i>								
<i>Explanation : Steel Bearings. For Spans 4 And 5.</i>								
Footings								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 Through 3 And 6 Through 8.</i>								
<i>Explanation : Locations Noted.</i>								
Guide Railing								
Steel	100%			LIFE	**			
Railings/Parapets								
Steel	75%			LIFE	**	2-8	\$28,800	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Spans 1 Through 3 And 6 Through 8.</i>								
<i>Explanation : Chain Link Fence Both Sides</i>								
Steel	25%			LIFE	**	2-8	\$28,800	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Spans 4 And 5.</i>								
<i>Explanation : Chain Link Fence And Pedestrian Railing On Both Sides.</i>								
Sidewalks								
Concrete	100%			2040	**	5	\$29,000	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Spans 1 Through 3 And 6 Through 8.</i>								
<i>Explanation : Location Noted.</i>								
Grating w/ Concrete	100%			2058	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Spans 4 And 5.</i>								
<i>Explanation : Location Noted.</i>								
Wearing Surface								
Asphalt	100%			2036	**	5	\$45,500	
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Beg. And End Appr. Have 8 Scuppers. Span 2 Has 2 Scuppers, Span 4 Has 4 Scuppers And Span 5 Has 4 Scuppers.</i>								
<i>Explanation : Scuppers Were Noted.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$60,700	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 1, 3 And 6 Through 8.</i>								
<i>Explanation : Location Noted.</i>								
Grating w/ Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 4 And 5.</i>								
<i>Explanation : Location Noted.</i>								
Joints								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Piers 3 And 5.</i>								
<i>Explanation : Location Noted.</i>								
Generic	100%			LIFE	**			
<i>Leakage, Extent : Light, Area Affected : 2%</i>								
<i>Location : Pier 3</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Piers 1, Through 3 And 5 Through 7.</i>								
<i>Explanation : Location Noted.</i>								
Primary Member								
Concrete	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Span 2.</i>								
<i>Explanation : Location Noted.</i>								
Steel	100%			LIFE	**	2-8	\$1,579,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 1, 3 And 6 Through 8.</i>								
<i>Explanation : Location Noted.</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$622,400	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 1, 3 And 6 Through 8.</i>								
<i>Explanation : Location Noted.</i>								
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	**			
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%			2031	\$17,100			

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**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

Bridge Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Telephone								
Desk Top	100%			2031				
Control System Electrical								
Computer								
PLC	100%	Now	\$8,800	2031	\$29,400			
		<i>Other Observation, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Machinery Room</i>						
		<i>Explanation : Uninterruptible Power Source For Programmable Logic Controller Power Has Failed And Is Bypassed.</i>						
		<i>Plc #2 Has Failed</i>						
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								
Machinery Brake								
Thruster	100%			2058	**	1	\$600	
Motor Brake								
Thruster	100%			2058	**	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	**			
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2036	**			
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2036	**			
Lightning Terminals								
Copper	100%			2031	\$1,600			
Raceway								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Raceway								
Box								
Terminal	95%			2042	**	1	\$4,500	
Terminal	5%	Now	\$100	2040	**	1	\$4,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Under Bronx Approach</i>								
<i>Explanation : Junction Box Containing Fuses Has Bent Cover And Does Not Close.</i>								
Collector Ring								
Metal	100%			2040	**			
Communications								
Twisted Shielded pair	100%			2031				
Conduit								
Metal	100%			2067	**			
Submarine Control Cables								
Control	100%			2036	**			
Submarine Power Cable								
Power	100%			2036	**			
Wires								
Thermoplastic	100%			2049	**			
Stand-by Power								
Transfer Switch								
Auto	100%			2049	**			
Lighting								
Lighting Devices								
Generic	17%	Now	\$400	2036	**			
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Center Pier</i>								
<i>Explanation : Incandescent Fender Lighting - 2 Lights Out</i>								
Generic	24%	Now	\$14,200	2036	**			
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Various Throughout Bridge</i>								
<i>Explanation : Various Battery Backups For Emergency Lights Not Working Around Bridge</i>								
Generic	59%			2036	**			
Main Drive								
Motor Controller								
Thyristor Drive	100%			2040	**	1-5	\$15,900	

<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Swing								
Center Latch								
Generic	100%	Now	\$197,200	2067	**	2	\$18,000	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Center Latches</i>								
<i>Explanation : No Operation Observed. West Lock Not Engaged. East Lock Not In All The Way. Adjustment And Repairs Are Required</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**  
**Asset # : 2468**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Center Pivot Generic	100%	Now	\$94,100	2067	**	2	\$53,900	
<i>Corrosion, Extent : Light, Area Affected : 100%</i> <i>Location : Center Pivot Rim Bearing Assembly.</i> <i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Center Pivot Rim Bearing Assembly</i> <i>Explanation : Water Collecting In Two Of The Track Pockets. Pier Drains Clogged.</i>								
Emergency Drive Emergency Power	100%	2-4	\$9,800	2067	**	2	\$35,900	
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Hydraulic Power Unit</i> <i>Explanation : Could Not Test. Some Old Fluid At The Bottom Of The Containment</i>								
End Lift Generic	100%	Now	\$30,100	2067	**	2	\$35,900	
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : End Lift</i> <i>Explanation : No Operation Observed. Minor Oil Leakage. Some Covers Removed</i>								
Fuel Tanks Generic	100%	Now	\$900	2049	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Hydraulic Power Unit</i> <i>Explanation : One Tank Cap Appeared To Be Damaged, Repaired With Tape And Should Be Replaced.</i>								
Houses Control House	100%	Now	\$279,000	2067	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Control Room, Bathroom And Approach Houses</i> <i>Explanation : No Running Water. Floors And Walls Are Damaged. Some Window Covers Not Functioning. Some Door And Hatch Repair Required. Fire Alarm Maintenance Required.</i>								
Main Drive System Generic	50%	Now	\$42,400	2067	**	2	\$179,600	
<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i> <i>Location : Cover Bolts Missing At Drive Machinery</i> <i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Drive Machinery</i> <i>Explanation : Some Bolts Require Paint. Secondary Reducers Do Not Have Sight Gauge. No Operation Observed. Slight Leakage And Loose Protective Covers.</i>								
Generic	50%			2067	**	2	\$224,500	
Structural Bearings Generic	100%	Now	\$16,300	2045	**			
<i>Corrosion, Extent : Light, Area Affected : 5%</i> <i>Location : End Lift Roller Bearing Plates</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**145TH STREET BRIDGE 145TH ST BRIDGE/HARLEM RIVER**

**Asset # : 2468**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Traffic Devices								
Barrier Gate	100%	Now	\$106,900	2045			* *	
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : No Operation Observed. One Door Damaged. Maintenance Required.</i>								
Warning Gate	100%	Now	\$115,700	2045			* *	
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Warning Gates</i>								
<i>Explanation : No Operation Observed. Gate Arm Bent. Maintenance Required.</i>								

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 18-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231482

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$7,249,600
<b>Total</b>		<b>\$7,249,600</b>
Importance Code A		\$6,847,400
Importance Code B		\$402,200
<b>Total</b>		<b>\$7,249,600</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$21,000		\$728,200	
<b>Total</b>	<b>\$21,000</b>		<b>\$728,200</b>	
Importance Code A	\$11,100		\$673,300	
Importance Code B			\$40,300	
Importance Code C	\$9,900		\$14,600	
<b>Total</b>	<b>\$21,000</b>		<b>\$728,200</b>	



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**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT PARKWAY EAST BOUND OVER PAERDEGAT BASIN**

**Asset # : 14776**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2059		**		
Footings								
Not Accessible	100%							
Joint with Deck								
Composite	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Top Of Gasket</i>						
		<i>Explanation : Debris Buildup</i>						
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%			LIFE		**		
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Walls								
Concrete	100%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		**		
Generic	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Earth And Geogrid On Earth</i>						
Mat (scour & erosion)								
Stream Bed	100%			LIFE		**		

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**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT PARKWAY EAST BOUND OVER PAERDEGAT BASIN**

**Asset # : 14776**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Wood	100%			2040	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Of Piers Are not Protected</i>								
Approaches								
Pavement								
Concrete	100%			2040	**	4	\$29,800	
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Concrete	100%			2040	**	4	\$3,300	
Steel	100%			LIFE	**	2-8	\$2,200	
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$1,800	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Side</i>								
<i>Explanation : Concrete With Steel Railing</i>								
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%			2059	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
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 PARKWAY EAST BOUND OVER PAERDEGAT BASIN**

**Asset # : 14776**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Guide Railing Concrete	100%			2044	**			
		<i>Cracks, Extent : Light, Area Affected : 2%</i>						
		<i>Location : Random Locations Throughout</i>						
Steel	100%			LIFE	**			
Mono Deck Surface								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$28,200	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : North Side</i>						
		<i>Explanation : Combined Concrete And Steel Parapet</i>						
Steel	100%			LIFE	**	2-8	\$25,800	
Sidewalks								
Concrete	100%			2036	**	5	\$29,200	
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Transverse Cracks Near Midspan</i>						
Wearing Surface								
Concrete	100%			2040	**	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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 18-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231481

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$4,668,100
<b>Total</b>		<b>\$4,668,100</b>
Importance Code A		\$4,408,300
Importance Code B		\$259,800
<b>Total</b>		<b>\$4,668,100</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$28,900		\$461,600	
<b>Total</b>	<b>\$28,900</b>		<b>\$461,600</b>	
Importance Code A	\$14,300		\$435,500	
Importance Code B			\$26,100	
Importance Code C	\$14,600			
<b>Total</b>	<b>\$28,900</b>		<b>\$461,600</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT PARKWAY WEST BOUND OVER PAERDEGAT BASIN**

**Asset # : 14775**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2059		**		
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%			LIFE		**		
Mat (scour & erosion)								
Generic	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : West Abutment</i>					
			<i>Explanation : Concrete Slab</i>					
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Walls								
Concrete	100%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Bank Protection								
Generic	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Earth And Geogrid On Earth</i>					
Mat (scour & erosion)								
Stream Bed	100%			LIFE		**		
Pier Protection								
Wood	100%			2040		**		
			<i>Other Observation, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : No Protection Around Piers</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELT PARKWAY WEST BOUND OVER PAERDEGAT BASIN**

**Asset # : 14775**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost		
Approaches									
Pavement									
Concrete	100%			2040	**	4	\$43,700		
Embankment									
Earth	100%			LIFE	**				
Mat (scour & erosion)									
Not Accessible	100%								
Pavement Base									
Not Accessible	100%								
Railings/Parapets									
Concrete	100%			2040	**	4	\$4,500		
Steel	100%			LIFE	**				
Piers									
Cap Beam									
Concrete	100%			LIFE	**				
Pier, Columns									
Concrete	100%			LIFE	**				
Brngs, Ancr Blts, Pads									
Multi-Rotational Bearing	100%			2059	**				
Footings									
Not Accessible	100%								
Mat (scour & erosion)									
Not Accessible	100%								
Pedestals									
Concrete	100%			LIFE	**				
Piles									
Not Accessible	100%								
Deck Elements									
Railings/Parapets									
Concrete	100%			2040	**	4	\$38,500		
			<i>Cracks, Extent : Light, Area Affected : 10%</i>						
			<i>Location : Random Locations Throughout</i>						
Steel	100%			LIFE	**	2-8	\$35,200		
Wearing Surface									
Concrete	100%			2040	**	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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 18-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231509

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$61,700	\$479,700
<b>Total</b>	<b>\$61,700</b>	<b>\$479,700</b>
Importance Code A		\$209,000
Importance Code B		\$209,000
Importance Code C	\$61,700	\$61,700
<b>Total</b>	<b>\$61,700</b>	<b>\$479,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$19,700		\$46,900	
<b>Total</b>	<b>\$19,700</b>		<b>\$46,900</b>	
Importance Code A	\$4,600		\$21,500	
Importance Code B			\$21,000	
Importance Code C	\$15,000		\$4,400	
<b>Total</b>	<b>\$19,700</b>		<b>\$46,900</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BELTSHORE PARKWAY BELT SHORE PKWY/FRESH CREEK**  
**Asset # : 4214**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			**	
Backwall								
Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Random Locations Throughout</i>					
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051			**	
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 35%</i>					
			<i>Location : Random Locations Throughout</i>					
Mat (scour & erosion)								
Riprap	100%			LIFE			**	
Pedestals								
Concrete	100%			LIFE			**	
Stem (breastwall)								
Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Random Locations Throughout</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Riprap	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			**	
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**  
**BELTSORE PARKWAY BELT SHORE PKWY/FRESH CREEK**

**Asset # : 4214**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Timber	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Timber Fenders</i>						
Approaches								
Pavement								
Concrete	100%			2040		**	4	\$45,100
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Along Center Line And Random Transverse</i>						
Embankment								
Earth	100%			LIFE		**		
Guide Railing								
Concrete	100%			2040		**	4	\$4,300
Steel	100%			LIFE		**	2-8	\$5,300
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Median								
Concrete	100%			LIFE		**	5	\$1,100
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040		**	4	\$2,300
Steel	100%			LIFE		**		
Sidewalks								
Concrete	100%			LIFE		**		
Scupper								
Cast Iron	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : 4 Scuppers</i>						
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Metal Catwalk On Side Of Each</i>						
Pier,Columns								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051		**		
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**  
**BELTSORE PARKWAY BELT SHORE PKWY/FRESH CREEK**

**Asset # : 4214**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Mat (scour & erosion) Generic	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Stream Bed</i>						
<hr/>								
Pedestals								
Concrete	100%			LIFE	**			
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
Guide Railing								
Concrete	100%			2044	**			
		<i>Cracks, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Random Locations Throughout</i>						
Steel	100%			LIFE	**			
<hr/>								
Median								
Concrete	100%			LIFE	**	5	\$3,600	
<hr/>								
Mono Deck Surface								
Not Accessible	100%							
<hr/>								
Railings/Parapets								
Concrete	100%			2040	**	4	\$7,400	
Steel	100%			LIFE	**	2-8	\$11,200	
<hr/>								
Sidewalks								
Concrete	100%			2036	**	5	\$8,800	
<hr/>								
Wearing Surface								
Concrete	100%			2040	**	5	\$123,300	
<hr/>								
Scupper								
Cast Iron	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Explanation : 4 Total</i>						
<hr/>								
<b>Superstructure</b>								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$46,300	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Stay In Place Forms</i>						
<hr/>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$390,400	
<hr/>								
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.

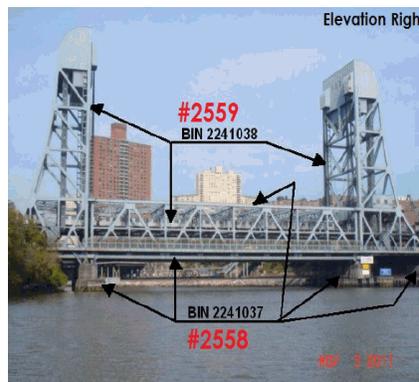
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : **BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
 Address : **HARLEM RIVER, B'WAY**  
 Borough : **MANHATTAN** Agency's Number : **N/A**  
 Program / Asset # : **DOT0044.070 / 2558** Yr Built/Renovated :  
 Area Sq Ft : **38,100** Project Type : **WATERWAY BRIDGES**  
 Date of Survey : **28-May-2014** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : Lot : BIN : **2240137**

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$5,370,500	\$2,344,100
Bridge Electrical	\$9,502,800	\$2,098,100
Bridge Mechanical	\$4,320,400	\$5,021,100
<b>Total</b>	<b>\$19,193,700</b>	<b>\$9,463,300</b>
Importance Code A	\$5,002,500	\$753,500
Importance Code B	\$13,823,100	\$7,872,700
Importance Code C	\$368,100	\$837,100
<b>Total</b>	<b>\$19,193,700</b>	<b>\$9,463,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$103,000		\$158,700	
Bridge Electrical	\$103,200	\$41,100		
Bridge Mechanical	\$81,500			
<b>Total</b>	<b>\$287,700</b>	<b>\$41,100</b>	<b>\$158,700</b>	
Importance Code A	\$600		\$77,000	
Importance Code B	\$206,300	\$41,100	\$75,600	
Importance Code C	\$80,800		\$6,000	
<b>Total</b>	<b>\$287,700</b>	<b>\$41,100</b>	<b>\$158,700</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Abutment - MTA Track. South Abutment - Fenced Off Area.</i>								
<i>Explanation : North Abutment - MTA Track. South Abutment - Fenced Off Area.</i>								
Backwall								
Granite	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Begin Abutment</i>								
<i>Explanation : Begin Abutment</i>								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : North Abutment - Mta Track.</i>								
<i>Explanation : North Abutment - Mta Track.</i>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : North Abutment - MTA Track. South Abutment - Fenced Off Area.</i>								
<i>Explanation : North Abutment - MTA Track. South Abutment - Fenced Off Area.</i>								
Footings								
Not Accessible	100%							
Joint with Deck								
Steel	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : End Abutment</i>								
<i>Explanation : End Abutment</i>								
Generic	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Begin Abutment</i>								
<i>Explanation : Begin Abutment</i>								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Pedestals								
Concrete	90%			LIFE			**	
Concrete	10%	2-4	\$600	LIFE			**	
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : End Abutment Center Pedestal</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : End Abutment Center Pedestal</i>								
Stem (breastwall)								
Concrete	100%			LIFE			**	
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Walls								
Concrete	100%	2-4	\$275,100	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Begin And End Abutments</i>								
<i>Settlement, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin Abutment Left Side.</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Begin And End Abutments</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 20%</i>								
<i>Location : Begin Abutment</i>								
Feature Crossed								
Bank Protection								
Concrete	100%	4+	\$15,200	LIFE			**	
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : North Bank</i>								
Riprap	75%			LIFE			**	
Riprap	25%	0-2	\$4,100	LIFE			**	
<i>Erosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Missing Riprap Causing Erosion Of Earth Near Begin Abutment</i>								
Timber	100%			2030				
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	80%			LIFE			**	
Timber	20%	4+	\$21,600	LIFE			**	
<i>Rotted, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 1 And 2 Top Of Dolphin Piles.</i>								
Approaches								
Pavement								
Asphalt	100%			2030	\$421,700	4	\$12,100	
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
Embankment								
Earth	100%			LIFE			**	
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Sidewalks								
Concrete	100%			LIFE			**	
Piers								
Footings								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Piers 1 And 2.</i>								
<i>Explanation : Piers 1 And 2.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1 And 2.</i>								
<i>Explanation : Piers 1 And 2.</i>								
Deck Elements								
Curbs								
Steel	100%			LIFE		**		
Gratings								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Grating On Sidewalk Between Truss Members</i>								
Median								
Steel	100%			LIFE		**	4-8	\$41,200
Mono Deck Surface								
Concrete	90%			2045		**	5	\$186,000
Concrete	10%	4+	\$2,800	2045		**	5	\$93,000
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Spans 1 And 3</i>								
Railings/Parapets								
Steel	33%			LIFE		**	2-8	\$20,700
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Steel Railing And High Fence On Each Side.</i>								
Steel	67%			LIFE		**	2-8	\$20,700
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 And 3</i>								
<i>Explanation : Steel Railing On Each Side.</i>								
Sidewalks								
Grating w/ Concrete	100%			2045		**		
Wearing Surface								
Concrete	90%			2034		**	5	\$84,100
Concrete	10%	4+	\$3,500	2034		**	5	\$42,000
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Spans 1 And 3</i>								
Steel Grating	90%			LIFE		**	5	\$72,600
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Span 2</i>								
Steel Grating	10%	Now	\$13,100	LIFE		**	5	\$72,600
<i>Broken, Missing Pave, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Pier 2</i>								

## Superstructure

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$15,300	
Joints								
Steel	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Pier 2</i>						
		<i>Explanation : Pier 2</i>						
Steel Finger Joints	100%			2053	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Pier 1</i>						
		<i>Explanation : Pier 1</i>						
Primary Member								
Steel	90%			LIFE	**	2-8	\$703,700	
Steel	10%	4+	\$1,129,900	LIFE	**	2-8	\$703,700	
		<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Spans 1 And 3 Stringers Below The Joints At Abutments And Piers.</i>						
		<i>Loss of Section, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Spans 1 And 3 Stringers Below The Joints At Abutments And Piers.</i>						
Secondary Member								
Steel	100%			LIFE	**	2-8	\$1,178,900	
Movable Bridges								
Vertical Lift Span								
Steel	85%			LIFE	**			
Steel	10%	2-4	\$1,288,700	LIFE	**			
		<i>Other Observation, Extent : Severe, Area Affected : 15%</i>						
		<i>Location : Span 2</i>						
		<i>Explanation : Random Areas Of Corrosion And Section Loss</i>						
Steel	5%	Now	\$1,288,700	LIFE	**			
		<i>Other Observation, Extent : Severe, Area Affected : 15%</i>						
		<i>Location : Span 2</i>						
		<i>Explanation : Span 2 Has 17 Flagged Locations.</i>						
Vertical Lift Tower								
Steel	100%			LIFE	**			
Vertical Lift Pier								
Concrete	80%			LIFE	**			
Concrete	20%	4+	\$1,295,100	LIFE	**			
		<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Piers 1 And 2 Cap Beams</i>						
		<i>Explanation : Cracks And Spalls</i>						
Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
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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**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Communication Electrical</b>								
<b>Communications</b>								
Generic	100%	Now	\$41,100	2025	\$41,100			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entire Bridge</i>								
<i>Explanation : 100% System Obsolete And Inoperative.</i>								
<hr/>								
<b>Control System Electrical</b>								
<b>Control Console</b>								
Stainless Steel	100%	Now	\$21,800	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Bridge Override Switches</i>								
<i>Explanation : Key Covers To Override Switches Missing. Some Indication Lights Not Functioning</i>								
<hr/>								
<b>Disconnect Switch</b>								
Generic	100%			2024	\$81,900			
<hr/>								
<b>Limit Switch</b>								
Generic	100%			2024	\$151,300			
<hr/>								
<b>Electrical Power</b>								
<b>Dist Equip &amp; Motor Controll</b>								
Generic	100%	Now	\$854,600	2024	\$4,272,900			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Motor Control Center</i>								
<i>Explanation : Bridge Not Operable Due To Control System Issues.</i>								
<hr/>								
<b>Raceway</b>								
<b>Submarine Control Cables</b>								
Generic	100%	2-4	\$1,975,300	2030	\$1,975,300			
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Submarine Cable Cabinets</i>								
<i>Explanation : No Spares Remaining. Conductors Fail Randomly.</i>								
<hr/>								
<b>Wiring</b>								
Generic	100%			2024	\$1,903,600			
<hr/>								
<b>Traffic System Electrical</b>								
<b>Traffic Signal</b>								
Generic	100%	Now	\$40,300	2024	\$201,700			
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : All</i>								
<i>Explanation : Underground Conduit Damaged Gongs Not Operational.</i>								
<hr/>								
<b>Lighting</b>								
<b>Lighting Devices</b>								
Generic	100%	Now	\$61,400	2029	\$122,800			
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : West Light Fixture</i>								
<i>Explanation : The Entire Span Lighting Fixture Is Missing.</i>								

<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>

**Vertical Lift**

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**DEPARTMENT OF TRANSPORTATION - 841**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Vertical Lift								
Buffers								
Generic	100%	Now	\$38,100	2028	\$381,000			
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Air Buffers</i>								
<i>Explanation : Some Broken Fittings, One Upper Buffer Is Stuck In Up Position. Upper Buffers Appear To Have Not Worked In Some Time</i>								
Counter Weight Ropes & Gui								
Generic	100%	Now	\$98,900	2040		**		
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Ropes And Guides.</i>								
<i>Explanation : No Operation Observed. North Span Guide Rails Bent. Pigeon Droppings And Accumulated Debris.</i>								
Counter Weight								
Auxiliary CTRWT	100%			2040		**		
Main CTRWT	100%	0-2	\$97,000	2040		**		
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Tops Of Counterweight</i>								
<i>Explanation : North Tower Not Accessible. Top Of South Tower Has Some Coverage Of Pigeon Droppings And Debris.</i>								
Elevators								
Generic	100%	Now	\$334,600	2028	\$669,100			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : North And South Elevators.</i>								
<i>Explanation : Both Elevators Are Not Operational.</i>								
Emergency Drive								
Emergency Power	100%			2040		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Emergency Power</i>								
<i>Explanation : No Operation Observed.</i>								
End Locks								
With Motor	100%	Now	\$106,100	2040		**		
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Span Locks</i>								
<i>Explanation : S E Motor Coupling Not Aligned, Damaged Seals, Missing Shaft End Covers, Corroded Bolts And Motor Feet, Adj Required</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**BROADWAY BRIDGE BROADWAY BRIDGE/HARLEM RIVER**  
**Asset # : 2558**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Houses								
Access Ways	100%	Now	\$75,700	2028	\$756,800			
<i>Other Observation, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : All Areas</i>								
<i>Explanation : Access Ways Are Covered In Pigeon Droppings.</i>								
Control House	100%	Now	\$53,300	2028	\$1,065,800			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Control House</i>								
<i>Explanation : Plumbing Not Working. Broken Window.</i>								
Machinery Room	100%	Now	\$185,300	2040		**		
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : South Machine Room, North Machine Room Not Accessible</i>								
<i>Explanation : South Machine Room - Broken Window And Corner Room Covered In Pigeon Droppings. North Tower Not Accessible</i>								
Main Drive System								
Generic	100%	Now	\$918,000	2040		**		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : South Machine Room, North Not Accessible</i>								
<i>Explanation : Not Operational. South Tower Sheave Rooms Covered In Pigeon Droppings And One Motor Brake Is Not Functioning.</i>								
Sheaves								
Generic	100%	4+	\$1,051,300	2040		**		
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : South Machine Room, North Not Accessible</i>								
<i>Explanation : Sheave Rooms Covered In Pigeon Droppings. No Operation Observed. Check During Operation</i>								
Structural Bearings								
Generic	100%	Now	\$43,400	2028	\$216,800			
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Southwest</i>								
<i>Explanation : Movement At Live Load Support Under Traffic Loading.</i>								
Traffic Devices								
Barrier Gate	100%	Now	\$965,800	2028	\$1,931,600			
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : South Net Requires Adjustment. North Gate Net Missing. Repairs Required</i>								
Warning Gate	100%	Now	\$434,500	2040		**		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Warning Gates</i>								
<i>Explanation : All Gates Are Not Functioning, Crash Trucks Are Used Instead. Some Pedestrian Arm Missing.</i>								

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 04-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240138

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$753,500	\$753,500
<b>Total</b>	<b>\$753,500</b>	<b>\$753,500</b>
Importance Code A	\$376,700	\$376,700
Importance Code B	\$376,700	\$376,700
<b>Total</b>	<b>\$753,500</b>	<b>\$753,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$207,600		\$76,300	
<b>Total</b>	<b>\$207,600</b>		<b>\$76,300</b>	
Importance Code A	\$139,000		\$38,500	
Importance Code B	\$68,600		\$37,800	
<b>Total</b>	<b>\$207,600</b>		<b>\$76,300</b>	



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 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER**

**Asset # : 2559**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Steel	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Steel Safety Fence</i>							
Sidewalks								
Steel	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Adjacent To Both Tracks Throughout</i>							
	<i>Explanation : Component Is Actually Fiberglass Safety Walk</i>							
Deck Elements								
Railings/Parapets Steel	100%			LIFE		**	2-8	\$34,600
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Safety Steel Fence</i>							
Sidewalks								
Fiberglass	100%			2038		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Both Sides Of The Tracks</i>							
	<i>Explanation : Catwalk</i>							
Superstructure								
Deck, Structural Steel	100%			LIFE		**	2-8	
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Subway Track</i>							
Timber	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Railroad Timber Ties</i>							
Primary Member								
Steel	100%			LIFE		**	2-8	\$1,206,100
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Paint Peeling</i>							
Secondary Member								
Steel	100%			LIFE		**	2-8	\$1,034,800
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Paint Peeling</i>							

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Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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**DEPARTMENT OF TRANSPORTATION - 841  
BROADWAY BRIDGE NYCTA IRT/HARLEM RIVER**

**Asset # : 2559**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>	<b>Priority</b>
	<b>Type</b>	<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>		

Superstructure

Vertical Lift Tower

Steel

100%

LIFE

\* \*

*Other Observation, Extent : N/A, Area Affected : 100%*

*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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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 2017 /  
**Area Sq Ft** : 29,019 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 16-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240210

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$340,300	\$345,400
<b>Total</b>	<b>\$340,300</b>	<b>\$345,400</b>
Importance Code A	\$287,200	\$287,200
Importance Code C	\$53,100	\$58,100
<b>Total</b>	<b>\$340,300</b>	<b>\$345,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$111,000		\$29,700	
<b>Total</b>	<b>\$111,000</b>		<b>\$29,700</b>	
Importance Code A	\$111,000		\$29,700	
Importance Code C				
<b>Total</b>	<b>\$111,000</b>		<b>\$29,700</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY**  
**Asset # : 2470**

Bridge Structure System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	
Abutments							
Bridge Seat&pedestals							
Not Accessible	100%						
Backwall							
Not Accessible	100%						
Brngs,Ancr Blts,Pads							
Not Accessible	100%						
Footings							
Not Accessible	100%						
Joint with Deck							
Generic	100%			LIFE	**		
Mat (scour & erosion)							
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							
Masonry	100%			LIFE	**		
Feature Crossed							
Bank Protection							
Riprap	100%			LIFE	**		
Mat (scour & erosion)							
Generic	100%			LIFE	**		
Pier Protection							
Timber	100%			LIFE	**		
Approaches							
Pavement							
Concrete	100%			2042	**	4	
Curbs							
Concrete w/ Steel Face	100%			LIFE	**		
Embankment							
Processed Stone	100%			LIFE	**		
Mat (scour & erosion)							
Earth	100%			LIFE	**		
Pavement Base							
Not Accessible	100%						
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**  
**CITY ISLAND BRIDGE CITY ISLAND ROAD/EASTCHESTER BAY**

**Asset # : 2470**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
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	100%			LIFE		**		
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$39,400
Sidewalks								
Concrete	100%			2038		**	5	\$18,200
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Wearing Surface								
Concrete	100%	4+	\$53,100	2042		**	5	\$58,100
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : East End</i>								
<i>Explanation : Two Scuppers</i>								
Superstructure								
Deck,Structural								
Not Accessible	100%							
Primary Member								
Steel	100%			LIFE		**	2-8	\$919,500
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 26-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2229579

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$7,034,700	\$6,089,000
<b>Total</b>	<b>\$7,034,700</b>	<b>\$6,089,000</b>
Importance Code A	\$6,065,000	\$2,125,800
Importance Code B	\$609,800	\$1,894,100
Importance Code C	\$360,000	\$2,069,100
<b>Total</b>	<b>\$7,034,700</b>	<b>\$6,089,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$275,700	\$23,000	\$383,000	
<b>Total</b>	<b>\$275,700</b>	<b>\$23,000</b>	<b>\$383,000</b>	
Importance Code A	\$50,700		\$193,100	
Importance Code B	\$79,100		\$190,000	
Importance Code C	\$145,900	\$23,000		
<b>Total</b>	<b>\$275,700</b>	<b>\$23,000</b>	<b>\$383,000</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**

**Asset # : 4317**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	90%			LIFE				**
Concrete	10%	4+	\$2,300	LIFE				**
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Northern Abutment</i>								
<i>Explanation : Debris On Seat</i>								
Backwall								
Concrete	50%			LIFE				**
Concrete	50%	2-4	\$15,000	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads								
Steel	80%			LIFE				**
Steel	20%	4+	\$32,700	LIFE				**
<i>Corrosion, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout, Mostly At Ends</i>								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	80%			LIFE				**
Generic	20%	4+	\$10,200	LIFE				**
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Joint Filler Depressed</i>								
Mat (scour & erosion)								
Earth	100%			LIFE				**
Pedestals								
Concrete	100%			LIFE				**
<i>Rust Stains, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Stem (breastwall)								
Concrete	60%			LIFE				**
Concrete	40%	4+	\$34,300	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
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**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**

**Asset # : 4317**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Concrete	85%			LIFE			**	
Concrete	15%	4+	\$83,200	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 40%</i> <i>Location : Random Locations Throughout</i> <i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i> <i>Location : Southeast Wingwall</i> <i>Spalling, Extent : Light, Area Affected : 30%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Paint Peeling</i>								
Feature Crossed								
Bank Protection								
Sheet Piling	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Both Embankments</i> <i>Explanation : Timber Rub Rail Is On The Face Of The Sheet Piling</i>								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Approaches								
Pavement								
Asphalt	80%			2032	\$1,655,300	4	\$32,600	
Asphalt	20%	2-4	\$20,700	2032	\$413,800	4	\$21,800	
<i>Cracks, Extent : Moderate, Area Affected : 50%</i> <i>Location : Random Locations Throughout</i>								
Concrete	85%			2040			**	\$120,200
Concrete	15%	2-4	\$46,500	2040			**	\$80,200
<i>Settlement, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 40%</i> <i>Location : Random Locations Throughout</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	
<i>Corrosion, Extent : Light, Area Affected : 25%</i> <i>Location : At Surface</i> <i>Rust Stains, Extent : Severe, Area Affected : 75%</i> <i>Location : At Surface</i>								
Mat (scour & erosion)								
Earth	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Roadway</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**

**Asset # : 4317**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Median								
Concrete	90%			LIFE	**	5	\$5,900	
Concrete	10%	4+	\$1,500	LIFE	**	5	\$5,900	
<i>Cracks, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Surface</i>								
Steel	10%			LIFE	**			
Steel	90%	Now	\$512,500	LIFE	**			
<i>Loss of Section, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling And Rust Stains</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	90%			LIFE	**			
Steel	10%	4+	\$10,300	LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 50%</i>								
<i>Location : At Surface</i>								
Sidewalks								
Concrete	85%			LIFE	**			
Concrete	15%	4+	\$9,600	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 70%</i>								
<i>Location : At Surface</i>								
<i>Settlement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 70%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Concrete	70%			LIFE	**			
Concrete	30%	4+	\$1,254,400	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Surface</i>								
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Steel Wire Mesh Placed At Spalls Areas</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**

**Asset # : 4317**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier,Columns								
Concrete	80%			LIFE				**
Concrete	20%	2-4	\$534,400	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Surface</i>								
<i>Delaminations, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Northern Most Pier On East Side</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling</i>								
<hr/>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Earth	100%			LIFE				**
<hr/>								
Pedestals								
Concrete	95%			LIFE				**
Concrete	5%	4+	\$34,600	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE				**
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : At Surface</i>								
<hr/>								
Median								
Concrete	90%			LIFE		**	5	\$15,100
Concrete	10%	4+	\$3,900	LIFE		**	5	\$15,100
<i>Cracks, Extent : Light, Area Affected : 100%</i>								
<i>Location : At Surface</i>								
<hr/>								
Steel	10%			LIFE		**	4-8	\$122,600
Steel	90%	Now	\$1,305,700	LIFE		**	4-8	\$122,600
<i>Loss of Section, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Paint Peeling And Rust Stain</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**

**Asset # : 4317**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Railings/Parapets Steel	100%			LIFE	**	2-8	\$86,700	
<i>Corrosion, Extent : Light, Area Affected : 50%</i>								
<i>Location : At Surface</i>								
<hr/>								
Sidewalks Concrete	100%	4+	\$63,200	2036	**	5	\$17,100	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Surface</i>								
<hr/>								
Wearing Surface Concrete	85%			2040	**	5	\$46,000	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 2%</i>								
<i>Location : Northbound Lane</i>								
Concrete	15%	4+	\$3,200	2040	**	5	\$23,000	
<i>Cracks, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Scupper Cast Iron	100%	4+	\$136,900	LIFE	**			
<i>Drains Clogged, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 18 Scuppers</i>								

**Superstructure**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTCHESTER BRIDGE BOSTON ROAD/HUTCHINSON RIVER**

**Asset # : 4317**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	1%	Now	\$45,300	LIFE	**	5	\$77,800	
<i>Exposed Reinforcement, Extent : Severe, Area Affected : 100%</i> <i>Location : Underneath East Sidewalk Stay In Place Forms</i> <i>Spalling, Extent : Severe, Area Affected : 100%</i> <i>Location : Underneath East Sidewalk Stay In Place Forms</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Underside Of Deck</i> <i>Explanation : Stay In Place Forms Throughout The Underside Of The Deck</i>								
Concrete	99%	4+	\$1,122,100	LIFE	**	5	\$77,800	
<i>Cracks, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Corrosion, Extent : Light, Area Affected : 10%</i> <i>Location : Stay In Place Form Under Deck Primarily Along Sidewalk And Fascia Throughout</i> <i>Efflorescence, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Underside Of Deck</i> <i>Explanation : Stay In Place Forms Throughout The Underside Of The Deck</i>								
<b>Joints</b>								
Generic	8%	Now	\$35,600	LIFE	**			
<i>Misaligned/Bulging, Extent : Severe, Area Affected : 100%</i> <i>Location : Northern Most Joint On Northbound Side And Southwest Joint, 1st Pier From South End</i>								
Generic	92%	2-4	\$41,000	LIFE	**			
<i>Loose Elements, Extent : Moderate, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Joint Filler Depressed And Filled With Debris</i>								
<b>Primary Member</b>								
Steel	95%			LIFE	**	2-8	\$1,768,900	
<i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Bottom Flange</i> <i>Explanation : Fatigue Prone Detail, Partial Cover Plate</i>								
Steel	5%	4+	\$1,825,000	LIFE	**	2-8	\$1,768,900	
<i>Corrosion, Extent : Light, Area Affected : 15%</i> <i>Location : At Surface</i>								
<b>Secondary Member</b>								
Steel	95%			LIFE	**	2-8	\$1,481,800	
Steel	5%	4+	\$75,300	LIFE	**	2-8	\$1,481,800	
<i>Corrosion, Extent : Light, Area Affected : 20%</i> <i>Location : At Surface</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 04-Dec-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2066672

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$25,600	\$24,100	\$2,300	
<b>Total</b>	<b>\$25,600</b>	<b>\$24,100</b>	<b>\$2,300</b>	
Importance Code A	\$1,200		\$400	
Importance Code C	\$24,400	\$24,100	\$1,900	
<b>Total</b>	<b>\$25,600</b>	<b>\$24,100</b>	<b>\$2,300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER**  
**Asset # : 2916**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
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%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Bank Protection								
Riprap	100%			LIFE			**	
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE			**	
<b>Approaches</b>								
Pavement								
Concrete	100%			2040		**	4	\$43,700
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Patching</i>					
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Corrosion, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER**

**Asset # : 2916**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
<b>Approaches</b>							
Embankment							
Not Accessible	100%						
Mat (scour & erosion)							
Not Accessible	100%						
Median							
Concrete	100%			LIFE	**	5	
		<i>Spalling, Extent : Light, Area Affected : 2%</i>					
		<i>Location : Random Locations Throughout</i>					
Pavement Base							
Not Accessible	100%						
Railings/Parapets							
Concrete	100%			2040	**	4	
Steel	100%			LIFE	**		
Sidewalks							
Concrete	100%			LIFE	**		
		<i>Cracks, Extent : Light, Area Affected : 5%</i>					
		<i>Location : Random Locations Throughout</i>					
Scupper							
Cast Iron	100%			LIFE	**		
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
		<i>Location : Southwest Approach</i>					
		<i>Explanation : 4 Scuppers</i>					
<b>Piers</b>							
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%						
<b>Deck Elements</b>							
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**  
**EASTERN BLVD. BRUCKNER EXPWY NORTH BOUND OVER BRONX RIVER**  
**Asset # : 2916**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Median								
Concrete	100%			LIFE	**	5	\$3,600	
	<i>Corrosion, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Other Observation, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Steel Facing</i>							
Railings/Parapets								
Concrete	100%			2040	**	4	\$3,600	
Masonry	100%			2040	**	5		
Steel	100%			LIFE	**	2-8	\$9,900	
Sidewalks								
Asphalt	100%			2029		4		
Concrete	100%			2036	**	5	\$3,900	
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
Wearing Surface								
Concrete	100%			2040	**	5	\$48,200	
Superstructure								
Deck, Structural								
Grating w/ Concrete	100%			LIFE	**			
Not Accessible	100%							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Span 1, 2, 4</i>							
	<i>Explanation : Concrete Deck</i>							
Joints								
Steel	100%	Now	\$9,800	LIFE	**			
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Armor At Southwest Grating - Concrete Joint</i>							
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 04-Dec-2019 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2066671

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bridge Structure		\$158,500
<b>Total</b>		<b>\$158,500</b>
Importance Code A		\$158,500
<b>Total</b>		<b>\$158,500</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$38,700	\$900	\$800	
<b>Total</b>	<b>\$38,700</b>	<b>\$900</b>	<b>\$800</b>	
Importance Code A	\$1,800	\$900	\$100	
Importance Code C	\$36,900		\$700	
<b>Total</b>	<b>\$38,700</b>	<b>\$900</b>	<b>\$800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER**  
**Asset # : 2915**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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								
Riprap	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE		**		
Approaches								
Pavement								
Concrete	100%			2040		**	4	\$43,700
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
			<i>Corrosion, Extent : Light, Area Affected : 20%</i>					
			<i>Location : Random Locations Throughout</i>					
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4		
Steel	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
<b>Piers</b>								
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%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$1,900	
			<i>Other Observation, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Steel Facing</i>					
Railings/Parapets								
Concrete	100%			2040	**	4	\$1,600	
Masonry	100%			2040	**	5	\$1,700	
Steel	100%	Now	\$1,300	LIFE	**	2-8	\$3,700	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Bottom Rail At Midspan, Span 2</i>					
			<i>Explanation : Broken Bolt</i>					
Sidewalks								
Asphalt	100%			2029		4		
Concrete	90%			2036	**	5	\$1,300	
Concrete	10%	4+	\$1,400	2036	**	5	\$700	
			<i>Cracks, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EASTERN BLVD. BRUCKNER EXPWY SOUTH BOUND OVER BRONX RIVER**  
**Asset # : 2915**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Wearing Surface								
Concrete	100%	4+	\$3,800	2040	**	5	\$11,200	
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$158,500	
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Spans 1 And 3</i>							
	<i>Explanation : Not Accessible On Spans 1 And 3</i>							
Grating w/ Concrete	100%			LIFE	**			
Joints								
Steel	7%	Now	\$17,200	LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Southwest Grating - Concrete Joint</i>							
	<i>Explanation : Broken Armor</i>							
Steel	93%			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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 05-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2055802

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$883,600	\$3,573,800
<b>Total</b>	<b>\$883,600</b>	<b>\$3,573,800</b>
Importance Code A	\$107,900	\$1,299,500
Importance Code B	\$566,000	\$1,957,600
Importance Code C	\$209,700	\$316,700
<b>Total</b>	<b>\$883,600</b>	<b>\$3,573,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$101,400	\$23,800	\$315,500	
<b>Total</b>	<b>\$101,400</b>	<b>\$23,800</b>	<b>\$315,500</b>	
Importance Code A	\$55,900	\$13,500	\$119,200	
Importance Code B	\$33,000		\$196,300	
Importance Code C	\$12,600	\$10,300		
<b>Total</b>	<b>\$101,400</b>	<b>\$23,800</b>	<b>\$315,500</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2560**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Concrete	98%			LIFE		**		
Concrete	2%	4+	\$4,500	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Brngs, Ancr Blts, Pads Consists Of 50 Percent Steel, 50 Percent Not Accessible</i>								
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+	\$6,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Abutments</i>								
<i>Efflorescence, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Concrete	90%			LIFE		**		
Concrete	10%	4+	\$2,800	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Feature Crossed</b>								
Bank Protection								
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**  
**FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2560**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 60%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 60 Percent Not Accessible.</i>								
Pier Protection								
Timber	85%	Now	\$325,300	LIFE		**		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Both Fender Systems</i>								
<i>Rotted, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Both Fender Systems</i>								
Timber	15%			LIFE		**		
Approaches								
Pavement								
Concrete	100%			2041		**	4	\$30,800
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Generic	100%			LIFE		**		
Guide Railing								
Concrete	100%			2041		**	4	\$17,200
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041		**	4	
Piers								
Cap Beam								
Concrete	90%			LIFE		**		
Concrete	10%	2-4	\$39,200	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Scattered Throughout</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Scattered Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	90%			LIFE		**	2-8	\$520,900
Steel	10%	4+	\$107,900	LIFE		**	2-8	\$520,900
<i>Rust Stains, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Exfoliation Of Weathering Steel</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2560**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier,Columns								
Concrete	90%			LIFE		**		
Concrete	10%	4+	\$93,000	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	90%			LIFE		**	2-8	\$569,900
Steel	10%	4+	\$63,500	LIFE		**	2-8	\$569,900
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Exfoliation Of Weathering Steel</i>								
<hr/>								
Stem,Solid Pier								
Concrete	90%			LIFE		**		
Concrete	10%	4+	\$84,200	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Not Accessible	100%							
<hr/>								
Pedestals								
Concrete	100%			LIFE		**		
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
Guide Railing								
Concrete	100%			2045		**		
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Mono Deck Surface								
Concrete	90%			2052		**	5	\$316,700
Concrete	10%	4+	\$5,300	2052		**	5	\$158,300
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Railings/Parapets								
Concrete	100%			2041		**	4	\$23,400
Steel	100%			LIFE		**	2-8	\$9,600
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Fence</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE EAST BOUND NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2560**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Scupper								
Cast Iron	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 10 Scuppers Observed</i>							
<hr/>								
<b>Superstructure</b>								
Deck, Structural								
Concrete	95%			LIFE		**	5	\$57,400
Concrete	5%	4+	\$16,700	LIFE		**	5	\$57,400
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Efflorescence, Extent : Light, Area Affected : 4%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 80%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 80%</i>							
	<i>Location : Random Locations Throughout</i>							
<hr/>								
<b>Joints</b>								
Generic	20%	2-4	\$51,400	LIFE		**		
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 50%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							
Generic	80%			LIFE		**		
<hr/>								
<b>Primary Member</b>								
Steel	99%			LIFE		**	2-8	\$685,500
	<i>Other Observation, Extent : N/A, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Not Accessible.</i>							
Steel	1%			LIFE		**	2-8	\$685,500
	<i>Rust Stains, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Random Locations Throughout</i>							
<hr/>								
<b>Secondary Member</b>								
Steel	94%			LIFE		**	2-8	\$1,221,800
	<i>Other Observation, Extent : N/A, Area Affected : 50%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : 50 Percent Not Accessible.</i>							
Steel	6%	4+	\$26,400	LIFE		**	2-8	\$1,221,800
	<i>Rust Stains, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Random Locations Throughout</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

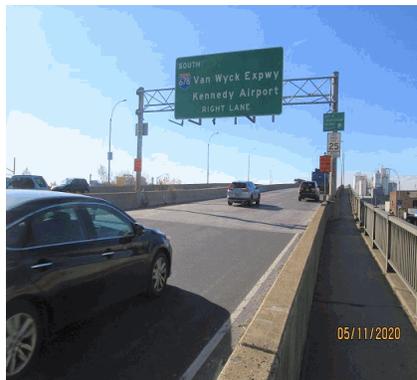
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 05-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2055801

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$771,700	\$3,253,000
<b>Total</b>	<b>\$771,700</b>	<b>\$3,253,000</b>
Importance Code A	\$88,600	\$1,165,500
Importance Code B	\$509,300	\$1,740,000
Importance Code C	\$173,700	\$347,500
<b>Total</b>	<b>\$771,700</b>	<b>\$3,253,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$171,700	\$1,400	\$278,400	\$7,400
<b>Total</b>	<b>\$171,700</b>	<b>\$1,400</b>	<b>\$278,400</b>	<b>\$7,400</b>
Importance Code A	\$69,400	\$1,400	\$103,900	
Importance Code B	\$33,500		\$174,500	
Importance Code C	\$68,800			\$7,400
<b>Total</b>	<b>\$171,700</b>	<b>\$1,400</b>	<b>\$278,400</b>	<b>\$7,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2665**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals								
Concrete	100%			LIFE			**	
Steel	100%			LIFE			**	
<b>Backwall</b>								
Concrete	98%			LIFE			**	
Concrete	2%	4+	\$4,000	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Brngs,Ancr Blts,Pads</b>								
Steel	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Brngs, Ancr Blts, Pads Consists Of 50 Percent Steel, 50 Percent Not Accessible.</i>								
<b>Footings</b>								
Not Accessible	100%							
<b>Joint with Deck</b>								
Generic	95%			LIFE			**	
Generic	5%	4+	\$24,600	LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Begin Approach</i>								
<i>Explanation : Missing Cover Plate</i>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pedestals</b>								
Concrete	100%			LIFE			**	
<b>Stem (breastwall)</b>								
Concrete	95%			LIFE			**	
Concrete	5%	4+	\$8,900	LIFE			**	
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Efflorescence, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							
<b>Piles</b>								
Not Accessible	100%							
<b>Walls</b>								
Concrete	10%	4+	\$2,200	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Northwest Face At Begin Abutment</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northwest Face At End Abutment</i>								
Concrete	90%			LIFE			**	

## Feature Crossed

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2665**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
	<i>Other Observation, Extent : N/A, Area Affected : 60%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Mat (scour &amp; Erosion) Consists Of 40 Percent Generic, 60 Percent Not Accessible</i>							
Pier Protection								
Timber	85%	Now	\$300,300	LIFE	**			
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Both Fender Systems</i>							
	<i>Rotted, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Both Fender Systems</i>							
Timber	15%			LIFE	**			
Approaches								
Pavement								
Concrete	100%	4+	\$7,900	2041	**	4	\$10,300	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
Embankment								
Generic	100%			LIFE	**			
Guide Railing								
Concrete	100%			2041	**	4	\$4,300	
Steel	100%			LIFE	**	2-8		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041	**	4		
Sidewalks								
Concrete	95%			LIFE	**			
Concrete	5%	4+	\$2,200	LIFE	**			
	<i>Cracks, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout</i>							

Piers

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2665**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
<b>Cap Beam</b>								
Concrete	90%			LIFE			**	
Concrete	10%	2-4	\$48,900	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	90%			LIFE			**	2-8 \$427,900
Steel	10%	4+	\$88,600	LIFE			**	2-8 \$427,900
<i>Rust Stains, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Exfoliation Of Weathering Steel</i>								
<b>Pier,Columns</b>								
Concrete	10%	4+	\$97,000	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	90%			LIFE			**	
Steel	90%			LIFE			**	2-8 \$455,900
Steel	10%	4+	\$50,800	LIFE			**	2-8 \$455,900
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Exfoliation Of Weathering Steel</i>								
<b>Stem,Solid Pier</b>								
Concrete	90%			LIFE			**	
Concrete	10%	4+	\$61,200	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pedestals</b>								
Concrete	100%			LIFE			**	
<b>Piles</b>								
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**  
**FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2665**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Guide Railing Concrete	100%			2045		**		
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Mono Deck Surface Concrete	90%			2052		**	5	\$347,500
Concrete	10%	4+	\$5,800	2052		**	5	\$173,700
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Railings/Parapets Concrete	100%			2041		**	4	
Steel	100%			LIFE		**	2-8	\$31,000
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Railing And Fence</i>								
<hr/>								
Sidewalks Concrete	100%			2037		**	5	\$14,900
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Settlement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Scupper Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 9 Scuppers Observed</i>								
<hr/>								
<b>Superstructure</b>								
Deck,Structural Concrete	5%	4+	\$20,500	LIFE		**	5	\$70,300
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Random Locations Throughout</i>								
Concrete	95%			LIFE		**	5	\$70,300

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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**  
**FLUSHING BRIDGE WEST BOUND NORTHERN BLVD/FLUSHING RIVER**  
**Asset # : 2665**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Generic	80%			LIFE		**		
Generic	20%	Now	\$46,700	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Primary Member								
Steel	99%			LIFE		**	2-8	\$611,400
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Not Accessible</i>								
Steel	1%			LIFE		**	2-8	\$611,400
<i>Rust Stains, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
Secondary Member								
Steel	94%			LIFE		**	2-8	\$1,113,500
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 50 Percent Not Accessible</i>								
Steel	6%			LIFE		**	2-8	\$1,113,500
<i>Rust Stains, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 59,532 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 19-Jan-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2231450

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$816,900
<b>Total</b>		<b>\$816,900</b>
Importance Code A		\$547,600
Importance Code C		\$269,300
<b>Total</b>		<b>\$816,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$2,800	\$23,600	\$58,600	
<b>Total</b>	<b>\$2,800</b>	<b>\$23,600</b>	<b>\$58,600</b>	
Importance Code A		\$5,600	\$55,400	
Importance Code B			\$3,300	
Importance Code C	\$2,800	\$18,100		
<b>Total</b>	<b>\$2,800</b>	<b>\$23,600</b>	<b>\$58,600</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Backwall Concrete	100%			LIFE		**		
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Brngs,Ancr Blts,Pads Multi-Rotational Bearing	100%			2067		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Recent Replace Evident</i>						
<b>Footings</b>								
Not Accessible	100%							
<b>Joint with Deck</b>								
Generic	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Recent Replace Evident</i>						
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Asphalt Paved Over. Recent Replace Evident</i>						
<b>Pedestals</b>								
Concrete	100%			LIFE		**		
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
<b>Stem (breastwall)</b>								
Concrete	100%			LIFE		**		
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
<b>Piles</b>								
Not Accessible	100%							
<b>Walls</b>								
Concrete	100%			LIFE		**		
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						

**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**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE	**			
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Recent Replace Evident</i>							
Mat (scour & erosion)								
Stream Bed	100%			LIFE	**			
Pier Protection								
Timber	100%			LIFE	**			
Approaches								
Pavement								
Concrete	100%			2045	**	4	\$36,500	
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Embankment								
Earth	100%			LIFE	**			
Guide Railing								
Concrete	100%			2045	**	4	\$3,400	
	<i>Cracks, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Random Locations Throughout On Southeast Side</i>							
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout On Southeast Side</i>							
Steel	100%			LIFE	**	2-8	\$2,300	
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout On Southeast Side</i>							
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout On Southeast Side</i>							
	<i>Explanation : Steel Railing On Top Of Concrete Railing</i>							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$400	
	<i>Cracks, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
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**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Railings/Parapets Concrete	100%			2045	**	4	\$1,900	
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout On Northwest Side</i>						
Steel	100%			LIFE	**			
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout On Southeast Side</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout On Southeast Side</i>						
		<i>Explanation : Steel Mesh Behind Railing</i>						
Sidewalks								
Asphalt	100%			2036	**	4	\$8,500	
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout On Southeast Side</i>						
Piers								
Cap Beam Concrete	100%			LIFE	**			
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Pier,Columns Concrete	100%			LIFE	**			
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Stem,Solid Pier Concrete	100%			LIFE	**			
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Other Observation, Extent : N/A, Area Affected : 70%</i>						
		<i>Location : Submerged Under Water</i>						
		<i>Explanation : Stem, Solid Pier Consists Of 30 Percent Concrete, 70 Percent Not Accessible</i>						
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2067	**			
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Recent Replace Evident</i>						
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
Piles								
Not Accessible	100%							
Deck Elements								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Guide Railing Concrete	100%			2049	**			
	<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout On Southeast Side</i> <i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout On Southeast Side</i>							
Steel	100%			LIFE	**			
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout On Southeast Side</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout On Southeast Side</i> <i>Explanation : Steel Railing On Top Of Concrete Railing</i>							
<b>Median</b> Concrete	100%			LIFE	**	5	\$5,600	
	<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i>							
<b>Mono Deck Surface</b> Concrete	100%			2058	**	5	\$269,300	
	<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i>							
<b>Railings/Parapets</b> Concrete	100%			2045	**	4	\$11,400	
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout On Northwest Side</i>							
Steel	100%			LIFE	**	2-8	\$10,500	
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout On Southeast Side</i>							
<b>Sidewalks</b> Concrete	100%			2040	**	5	\$11,800	
	<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i> <i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout On Southeast Side</i>							
<b>Scupper</b> Cast Iron	100%			LIFE	**			
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 6 Scuppers Observed</i>							

**Superstructure**

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GERRITSEN INLET BRIDGE BELT SHORE PKWY/GERRITSEN INLET**  
**Asset # : 2452**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Deck, Structural								
Not Accessible	100%							
	<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
	<i>Location : Throughout</i>							
	<i>Explanation : Light Corrosion On 2 Percent Of Area. Deck Is Covered With Stay In Place Forms.</i>							
Primary Member								
Steel	100%			LIFE	**	2-8	\$1,022,800	
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							
Secondary Member								
Steel	100%			LIFE	**	2-8	\$51,400	
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Throughout</i>							

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240390

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,505,700	
Bridge Electrical	\$34,500	\$705,800
Bridge Mechanical	\$289,900	\$270,100
<b>Total</b>	<b>\$1,830,200</b>	<b>\$976,000</b>
Importance Code A	\$804,500	
Importance Code B	\$660,400	\$976,000
Importance Code C	\$365,200	
<b>Total</b>	<b>\$1,830,200</b>	<b>\$976,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$85,600		\$6,100	
Bridge Electrical	\$34,300	\$1,500	\$1,500	\$1,500
Bridge Mechanical	\$151,600			
<b>Total</b>	<b>\$271,500</b>	<b>\$1,500</b>	<b>\$7,600</b>	<b>\$1,500</b>
Importance Code A	\$31,600		\$900	
Importance Code B	\$185,900	\$1,500	\$1,500	\$1,500
Importance Code C	\$54,000		\$5,200	
<b>Total</b>	<b>\$271,500</b>	<b>\$1,500</b>	<b>\$7,600</b>	<b>\$1,500</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Granite	5%	4+	\$200	LIFE		**		
<i>Spalling, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Begin Abutment Between Stringers S6 &amp; S7</i>								
Granite	95%			LIFE		**		
Backwall								
Concrete	5%	4+	\$2,800	LIFE		**		
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Begin And End Abutment (1 Location Each)</i>								
Concrete	95%			LIFE		**		
Brngs,Ancr Blts,Pads								
Steel	100%	Now	\$30,000	LIFE		**		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Begin Abutment, North Side Bearing Missing 3 Of 4 Anchor Bolts.</i>								
<i>Loose Fastenings, Extent : Severe, Area Affected : 100%</i>								
<i>Location : All 4 Bearings Have Loose Anchor Bolt Nuts.</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : End Abutment Bearings</i>								
<i>Explanation : Both Bearings Are Not Fully Seated</i>								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : End Abutment South Side</i>								
<i>Explanation : Both Abutment Joints Exhibit 0.75 Inch Vertical Differentials</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Masonry: Granite	10%	4+	\$149,700	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Beginning And End Abutments</i>								
<i>Explanation : Masonry Pointing Needed</i>								
Masonry: Granite	90%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Beginning And End Abutments</i>								
<i>Explanation : Masonry Pointing Needed</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Feature Crossed</b>								
<b>Bank Protection</b>								
Concrete	100%			LIFE			**	
Riprap	100%	4+	\$29,000	LIFE			**	
<i>Erosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Begin North Side</i>								
Timber	100%			2027				
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pier Protection</b>								
Timber	80%			LIFE			**	
Timber	20%	Now	\$186,300	LIFE			**	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Swing Span Pivot Pier</i>								
<i>Split/Dry/Cracked, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Swing Span Pivot Pier</i>								
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	75%			2026	\$273,900	4	\$10,500	
Asphalt	25%	Now	\$9,100	2026	\$91,300	4	\$10,500	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Begin Approach Pavement</i>								
<i>Spalling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Begin Approach Pavement Adjacent To Joint</i>								
<b>Curbs</b>								
Concrete w/ Steel Face	100%			LIFE			**	
Granite	100%			LIFE			**	
<b>Guide Railing</b>								
Steel	100%			LIFE		2-8	\$7,500	
<b>Sidewalks</b>								
Concrete	80%			LIFE			**	
Concrete	20%	Now	\$13,100	LIFE			**	
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Begin Right Sidewalk</i>								
<i>Settlement, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Begin Right Approach Sidewalk</i>								
<i>Spalling, Extent : Light, Area Affected : 20%</i>								
<i>Location : Begin Right Sidewalk</i>								
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Begin-right And End Left Approach Sidewalks</i>								
<i>Explanation : Approach Warning Light Pole Base Exhibits Large Holes W/ Wires Easily Accessible By</i>								
<i>Pedestrians And Light Pole At End Approach Has Been Removed, But Exposed Wires Remain.</i>								
<b>Deck Elements</b>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Steel	95%			LIFE		**		
Steel	5%	Now	\$200	LIFE		**		
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Span 2 Left And Right Curbs</i>								
<i>Explanation : Broken Welds Between Curb Posts And Deck Grating</i>								
<b>Railings/Parapets</b>								
Steel	85%			LIFE		**	2-8	\$9,600
Steel	15%	0-2	\$1,200	LIFE		**	2-8	\$9,600
<i>Damaged Railing, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Span 1, Connection With Floorbeams 1 Thru 6, Left Side</i>								
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Span 2, Left Railing Near End Abutment</i>								
<i>Explanation : The Last Post Is Bent Outward Up To 7 Inches.</i>								
<b>Sidewalks</b>								
Asphalt	100%			2025			4	
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Left Sidewalk</i>								
<i>Explanation : Left Sidewalk Is Covered With Timber</i>								
<b>Movable Bridges</b>								
<b>Swing Span Truss</b>								
Steel	25%	4+	\$699,600	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Swing Spans 1 And 2</i>								
<i>Explanation : Structural Steel Exhibits Minor To Moderate Section Losses And Corrosion In Localized Areas.</i>								
Steel	5%	Now	\$70,000	LIFE		**		
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Span 1 And 2 Stringers</i>								
<i>Explanation : Eight Curblin Stringers In Spans 1 And 2 And Right Main Truss Lower Chord Near End Abutment Exhibits Severe Section Losses And Holes.</i>								
Steel	65%			LIFE		**		
Steel	5%	0-2	\$35,000	LIFE		**		
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Span 1, Floorbeams 1 Thru 5 ( Left Side )</i>								
<i>Explanation : Floorbeams Exhibit Impact Damage And Are Out Of Plane For Up To 4 Inches.</i>								
<b>Swing Span Pivot Pier</b>								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Swing Span Pivot Pier</i>								
<i>Explanation : Masonry Pointing Missing</i>								

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

**Communication Electrical**

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Air Horn								
Generic	100%			2031	\$2,500			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 100%</i>								
<i>Location : Control Room</i>								
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$3,600	LIFE		**		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Control Booth</i>								
<i>Explanation : Open Holes, Unlabeled Buttons, Debris</i>								
Control Devices								
Relay	50%			2030	\$14,600			
Relay	50%	Now	\$4,400	2030	\$14,600			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Control Booth</i>								
<i>Explanation : Per Discussions With Nycdot Personnel, Bridge Must Be Operated In Bypass Mode.</i>								
Disconnect Switch								
Generic	100%	Now	\$12,600	2052		**		
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Rest Pier</i>								
<i>Explanation : East Wedge Disconnect Interior Corrosion</i>								
Limit Switch								
Rotary	100%			2025				
Generic	100%			2049		**		
Electrical Power								
Dist Equip & Motor Controll								
Generic	50%			2045		**		
Generic	50%	Now	\$5,600	2030	\$112,600			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : East And West Sides</i>								
<i>Explanation : East And West Service Cabinets Are Not Locked And Accessible To The Public.</i>								
Raceway								
Wiring								
Generic	100%			2033	\$593,200			
Lighting								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Lighting Devices								
Generic	5%	Now	\$500	2026	\$4,800			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Roadway Lighting</i>								
<i>Explanation : One Fixture Inoperative</i>								
Generic	64%			2037	**			
Generic	6%	Now	\$1,200	2026	\$5,800			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : West Pier</i>								
<i>Explanation : West Pier Light Not Operational.</i>								
Generic	25%	Now	\$4,800	2026	\$24,000			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Span</i>								
<i>Explanation : Span Navigation Lighting Inoperable.</i>								

## Main Drive

## Motor Controller

## Drum Controller

100%			2047	**	1	\$15,300		
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*Other Observation, Extent : Light, Area Affected : 100%**Location : Control Room**Explanation : No Operations Observed*

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Center Latch								
Generic	100%	Now	\$12,700	2035	**			
<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Center Latch</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Center Latch</i>								
<i>Explanation : No Operation Was Observed.</i>								
Center Pivot				2035	**			
Generic	100%							
End Lift								
Generic	100%	Now	\$83,700	2035	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>								
<i>Location : End Lifts</i>								
<i>Corrosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Open Gearing At End Lifts</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : End Lifts</i>								
<i>Explanation : Roller Assemblies And Cranks Are In Differing Positions. Reducer Oil Dark Color. One Crank Cotter Pin Damaged.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAND STREET BRIDGE GRAND ST BRIDGE/NEWTOWN CREEK**  
**Asset # : 13513**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
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	\$34,100	2047		**		
<i>Other Observation, Extent : Severe, Area Affected : 10%</i> <i>Location : Center Pivot Pier And End Lift Accessways</i> <i>Explanation : Some Center Pivot Deck Boards Need To Be Repaired. Grating At End Lifts Is Severely Corroded. Vertical Ladder To Pivot Is Corroded And Bent. Hatch To Center Pivot Corroded.</i>								
Control House	100%	Now	\$93,000	2072		**		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : Control And Bridge House</i> <i>Explanation : The Bridge House Is At The End Of Its Useful Life. No Heat. No Bathroom.</i>								
Main Drive System								
Generic	100%	Now	\$51,500	2035		**		
<i>Other Observation, Extent : Light, Area Affected : 50%</i> <i>Location : Operating Machinery</i> <i>Explanation : Some Oil Leakage. Machinery Covers Replaced With Plywood. One Bearing Missing Cap Nuts. No Observation Observed.</i>								
Rack								
Generic	100%			LIFE		**		
Structural Bearings								
Generic	100%	Now	\$61,700	2028	\$123,300			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 75%</i> <i>Location : Anchor Bolts At Raceways, Roller Nest And Bases</i> <i>Other Observation, Extent : Moderate, Area Affected : 75%</i> <i>Location : Raceways, Roller Nest And Bases</i> <i>Explanation : Components Are Nearing The End Of Their Useful Life.</i>								
Traffic Devices								
Barrier Gate	100%	Now	\$29,400	2028	\$146,800			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i> <i>Location : Barrier Gates</i> <i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Barrier Gates</i> <i>Explanation : No Observations Observed.</i>								
Signals	100%	Now	\$26,400	2035		**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Flashers Mounted On Structure; West Approach</i> <i>Explanation : Gongs Inoperative On Vehicular Gates.</i> <i>Traffic Signal Visor Missing</i>								
Warning Gate	100%	Now	\$49,100	2035		**		
<i>Other Observation, Extent : Severe, Area Affected : 50%</i> <i>Location : Warning Gates</i> <i>Explanation : Some Missing Gate Arms. Gates Are Nearing The End Of Their Useful Life.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

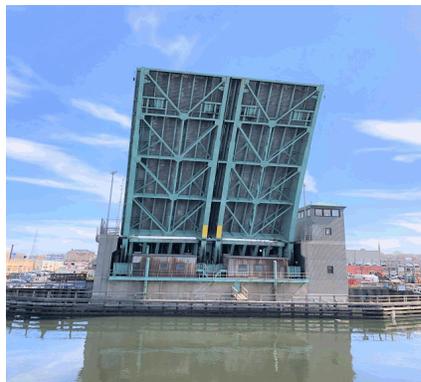
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK  
**Address** : NEWTOWN CREEK, LIRR  
**Borough** : BROOKLYN:QNS. **Agency's Number** : N/A  
**Program / Asset #** : DOT0047.000 / 2500 **Yr Built/Renovated** : 1987 / 2015  
**Area Sq Ft** : 76,106 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 07-Apr-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240370

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$389,100	\$2,146,400
Bridge Electrical	\$85,000	\$1,425,900
Bridge Mechanical	\$3,866,400	
<b>Total</b>	<b>\$4,340,500</b>	<b>\$3,572,200</b>
Importance Code A		\$904,600
Importance Code B	\$4,109,600	\$2,245,400
Importance Code C	\$230,900	\$422,300
<b>Total</b>	<b>\$4,340,500</b>	<b>\$3,572,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$47,000	\$13,000	\$166,500	\$19,300
Bridge Electrical	\$109,200	\$8,400	\$6,900	\$6,900
Bridge Mechanical	\$47,800		\$71,800	
<b>Total</b>	<b>\$203,900</b>	<b>\$21,500</b>	<b>\$245,200</b>	<b>\$26,200</b>
Importance Code A	\$5,900		\$84,300	
Importance Code B	\$184,100	\$8,400	\$160,900	\$6,900
Importance Code C	\$14,000	\$13,000		\$19,300
<b>Total</b>	<b>\$203,900</b>	<b>\$21,500</b>	<b>\$245,200</b>	<b>\$26,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**



**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%	Now	\$12,700	2033	\$253,000	4	\$7,100	
	<i>Settlement, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Beginning And End Approaches</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : End Approach Right Side.</i>							
	<i>Explanation : Asphalt Heaving And Uneven</i>							
Concrete	100%			2041	**	4	\$39,100	
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
	<i>Corrosion, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Both Sides Of The Beginning And End Approaches</i>							
Guide Railing								
Steel	100%			LIFE	**	2-8		
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Scupper								
Cast Iron	100%			LIFE	**			
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Various Locations Throughout</i>							
	<i>Explanation : 14 Scuppers Observed.</i>							
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
	<i>Delaminations, Extent : Light, Area Affected : 3%</i>							
	<i>Location : Pier 3</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Pier 10</i>							
Steel	100%			LIFE	**	2-8		
Pier,Columns								
Concrete	100%			LIFE	**			
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Multi-Rotational Bearing	100%			2060	**			
	<i>Loose Fastenings, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Piers 2 (6 Loc), 4 (1 Loc), 9 (1 Loc) 10 (3 Loc)</i>							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pedestals								
Concrete	100%	2-4	\$158,200	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Pier 3 At Stringer 1 And Stringer 10</i>								
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Pier 3 At Stringer 11</i>								
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Spans 1 Through 5 And 7 Through 12</i>								
<hr/>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$58,600
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Spans 1 Through 5 And 7 Through 12</i>								
<i>Explanation : Spans With Railings And Pedestrian Fencing</i>								
<hr/>								
Sidewalks								
Concrete	1%	Now	\$1,300	2037		**	5	\$19,300
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 3 At Pier 3, Left Sidewalk.</i>								
<i>Explanation : 2 Inches W x 15 Inches L Hole Adjacent To Deck Joint Armor Plate.</i>								
Concrete	99%			2037		**	5	\$38,600
<hr/>								
Wearing Surface								
Concrete	100%			2041		**	5	\$338,400
<i>Spalling, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Span 1 Adjacent To Begin Abutment Joint.</i>								
<hr/>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Spans 1,2,3,4 On The Left Side And 8,9,10,11&amp;12 On Both Sides.</i>								
<i>Explanation : 48 Scuppers</i>								
<hr/>								
<b>Superstructure</b>								
Deck,Structural								
Concrete	100%			LIFE		**	5	\$85,100
<i>Cracks, Extent : Light, Area Affected : 15%</i>								
<i>Location : Spans 11</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Isolated Within Spans 1,2,3,7,8, 9 And 10.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Generic	100%	Now	\$61,700	LIFE		**		
<i>Leakage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 3, 4, 7 And 10</i>								
<i>Missing/Damaged Seal, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Piers 3, 4, 7 And 10 Armored Joint At Right (south) Sidewalk</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 3, 4, 7 And 10</i>								
<i>Explanation : Joints Filled With Dirt And Leaking.</i>								
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		**		
Bascule Span Pier Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Bascule Span Piers 5 And 6</i>								
<i>Explanation : Previously Noted Base Of Trunnion Tower Columns Exhibiting Corrosion Not Verified Due To Inaccessibility. Pit Has Water In It.</i>								
Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Air Horn Generic	100%	Now	\$2,500	2034		**		
<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entire Bridge</i>								
Intercom Generic	100%	Now	\$17,100	2032	\$17,100			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entire Bridge</i>								
<i>Explanation : Intercom Not Functioning</i>								
Telephone Desk Top	100%			2031				
Control System Electrical								
Control Console Stainless Steel	100%	Now	\$65,400	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Knob On Power Feeder Selector Broken</i>								
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Control Desk</i>								
<i>Explanation : Position Indicator Not Working, Various Pilots Not Operational, Current Dial Fluctuating.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Control Devices								
Relay	100%	Now	\$17,600	2037		**		
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Motor Drives And Barrier Gates.</i>								
<i>Explanation : Meters Show Current Surge During Operation Of Drives</i>								
<i>Multiple Bypasses Used During Operation</i>								
Disconnect Switch Non Fused	100%			2045		**	1	\$35,900
Limit Switch								
Generic	100%	Now	\$5,700	2045		**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : All Span Locks</i>								
<i>Explanation : Handcrank Switches Failed On Span Locks.</i>								
Local Starter								
Magnetic	100%			2045		**		
Drive								
Machinery Brake								
Thruster	100%			2058		**	1	\$1,100
Motor Brake								
Thruster	100%			2052		**	1	\$1,100
Span Lock Motor								
Generic	100%			2052		**	1	\$1,100
Electrical Power								
MCC								
Contactors	100%			2045		**		
Panelboard								
Circuit Breaker	100%			2049		**	1	\$6,700
Service Equipment								
Circuit Breaker	100%			2037		**		
Transfer Switch								
Auto	100%	Now	\$30,100	2052		**		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Service Room</i>								
<i>Explanation : The Existing Transfer Switch Has Failed. The Bridge Cannot Transfer</i>								
<i>Between Utility Feeds.</i>								
Transformer								
Dry	100%			2045		**		
Liquid Type	100%			2037		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Service Room</i>								
<i>Explanation : Con Ed Service Transformers.</i>								
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
Ground/Lightning Protection								
Ground Wire								
Green	100%	Now	\$1,500	2036		**		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Northwestern Corner In Control House</i>								
<i>Explanation : Ground Connection Loose In Corner Of Boiler Room</i>								
Raceway								
Box								
Pull Junction	100%			2032		1	\$6,700	
Terminal	100%			2037	**	1	\$2,300	
Communications								
Twisted Shielded pair	100%			2031				
Conduit								
Metal	100%			2060	**			
Submarine Control Cables								
Generic	100%			2030	\$1,328,800			
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Far Side Submarine Cable Termination Cabinet</i>								
<i>Explanation : Far Side Submarine Termination Cabinet Has Corrosion On The Interior.</i>								
Submarine Power Cable								
Generic	100%			2033				
Trough								
Metal	100%			2047	**	1	\$1,100	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : West Side</i>								
<i>Explanation : Far Side Wire Way Has Corrosion.</i>								
Wires								
Thermoplastic	100%			2037	**			
Span Lock								
Motor								
Squirrel Cage	100%			2035	**			
Stand-by Power								
Transfer Switch								
Not Accessible	100%							
Lighting								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Lighting</b>								
<b>Lighting Devices</b>								
Generic	29%	Now	\$17,800	2033	\$35,600			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bascule Span East And West</i>								
<i>Explanation : 3 Of 4 Span Nav Lights Out</i>								
Generic	16%	0-2	\$2,000	2026	\$19,700			
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Northeast And Southeast Roadway HID Lights Inoperative</i>								
<i>Explanation : Broken/Missing Elements</i>								
Generic	16%	Now	\$2,000	2033	\$19,700			
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Spot Lighting At Areaways</i>								
<i>Explanation : Broken/Missing Elements</i>								
Generic	5%	Now	\$6,100	2037		**		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Various Throughout Bridge And Control House</i>								
<i>Explanation : All Emergency Lights Battery Backups Have Failed</i>								
Generic	34%			2033	\$41,800			
<b>Main Drive</b>								
<b>Motor Controller</b>								
Thyristor Drive	100%			2040		**	1-5	\$15,900

<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Bascule</b>								
<b>Counter Weight</b>								
Generic	100%			2060		**	2	\$89,800
<i>Other Observation, Extent : N/A, Area Affected : 5%</i>								
<i>Location : East And West Counterweight Pits</i>								
<i>Explanation : Water Observed In Counterweight Pits. Maintenance Cleaning Required.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Houses								
Access Ways	100%	Now	\$58,900	2035		**		
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Throughout All Areas</i> <i>Explanation : Some Grating, Door, And Hatch Repair Necessary. Platform Missing At Northwest And Northeast Pocket Access. Locks Needed.</i>								
Control House	100%	Now	\$132,800	2047		**		
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i> <i>Location : Control House</i> <i>Explanation : Loose Railing, Roof, Some Doors, Windows Need Repair. Some Floor, Ceiling Panels Need Repair. Water &amp; Heater Leaks. Heat, Some Leaks Need Repair. Sump Pumps &amp; CO Detector Not Working</i>								
Machinery Room	100%	Now	\$122,400	2060		**		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i> <i>Location : Machinery Rooms</i> <i>Explanation : Machinery Rooms Are Corroded. Some Panels, Doors, Hatches And Locks Need Repair.</i>								
Lock Bars								
With Motor	100%	Now	\$379,700	2041		**		
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i> <i>Location : Lock Bars</i> <i>Lubrication Issue, Extent : Moderate, Area Affected : 30%</i> <i>Location : Lock Bars</i> <i>Other Observation, Extent : Moderate, Area Affected : 30%</i> <i>Location : Lock Bars</i> <i>Explanation : Clearances Need To Be Reduced. Maintenance Needed.</i>								
Main Drive System								
Generic	100%	Now	\$1,694,800	2060		**	2	\$215,500
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i> <i>Location : Operating Machinery</i> <i>Other Observation, Extent : Moderate, Area Affected : 30%</i> <i>Location : Operating Machinery</i> <i>Explanation : Lube Leakage, Coupling Gaskets Deteriorating. Noise From Reducers Should Be Monitored. One Coupling Missing Bolt. Oil Levels Low Or Dark Color.</i>								
Rack								
Generic	100%	Now	\$85,400	2060		**		
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i> <i>Location : Racks</i> <i>Other Observation, Extent : Moderate, Area Affected : 5%</i> <i>Location : Racks</i> <i>Explanation : Some Build Up Of Debris On Supports And Fasteners.</i>								
Structural Bearings								
Generic	100%	Now	\$29,800	2035		**		
<i>Corrosion, Extent : Moderate, Area Affected : 50%</i> <i>Location : Live Load Bearings</i> <i>Other Observation, Extent : Moderate, Area Affected : 50%</i> <i>Location : Live Load Bearings</i> <i>Explanation : Bearings Need To Be Adjusted In Conjunction With Locks.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**GREENPOINT AVE. BRIDGE GREENPOINT AVE/NEWTOWN CREEK**  
**Asset # : 2500**

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Bascule								
Traffic Devices								
Barrier Gate	50%	Now	\$71,200	2035				**
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : West And East Barrier Gates</i>								
<i>Explanation : Incandescent Traffic Gate Lights Broken/Missing</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : West Side</i>								
<i>Explanation : Not Interlocking Properly. Maintenance Required.</i>								
Barrier Gate	50%	Now	\$71,200	2035				**
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : East Side</i>								
<i>Explanation : Malfunctioning. Maintenance Required.</i>								
Warning Gate	50%	Now	\$58,900	2035				**
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Side</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : West Side</i>								
<i>Explanation : Disconnected Guy Wire On One Gate. Bent Plunger On One Side Of Gate. One Gate Not Vertical When Raised. Maintenance Required.</i>								
Warning Gate	50%	Now	\$58,900	2035				**
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East Side</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : East Side</i>								
<i>Explanation : One Arm Broken At Tip, Maintenance And Repairs Required. East Gongs Do Not Work.</i>								
Trunnion								
Generic	100%	Now	\$1,132,200	2060				**
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Trunnion Assemblies</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Trunnion Assemblies</i>								
<i>Lubrication Issue, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Trunnion Assemblies</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Trunnion Assemblies</i>								
<i>Explanation : Slight Noise During Few Degrees Of Operation.</i>								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,442,500	\$3,102,600
<b>Total</b>	<b>\$1,442,500</b>	<b>\$3,102,600</b>
Importance Code A		\$72,300
Importance Code B	\$952,300	
Importance Code C	\$490,200	\$3,030,300
<b>Total</b>	<b>\$1,442,500</b>	<b>\$3,102,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure			\$37,900	
Bridge Electrical	\$21,500	\$6,600	\$6,600	\$6,600
Bridge Mechanical	\$143,600	\$9,000	\$62,900	\$9,000
<b>Total</b>	<b>\$165,100</b>	<b>\$15,500</b>	<b>\$107,300</b>	<b>\$15,500</b>
Importance Code A			\$8,500	
Importance Code B	\$165,100	\$15,500	\$69,800	\$15,500
Importance Code C			\$29,000	
<b>Total</b>	<b>\$165,100</b>	<b>\$15,500</b>	<b>\$107,300</b>	<b>\$15,500</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE NORTHBOUND LEAF**  
**Asset # : 13434**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
Backwall Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : End Abutment Only</i>					
			<i>Explanation : Backwall</i>					
Brngs,Ancr Blts,Pads Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : End Abutment Only</i>					
			<i>Explanation : Bearings not accessible</i>					
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Concrete	100%	4+	\$601,700	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : End Abutment</i>					
Masonry: Granite	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Begin Abutment</i>					
			<i>Explanation : Begin Abutment</i>					
Walls								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Span 3</i>					
			<i>Explanation : Walls Enclose Span 3</i>					
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE		**		
Timber	50%			2030	\$1,401,900			
Timber	50%	Now	\$420,600	2030	\$1,401,900			
			<i>Broken/Missing Elements, Extent : Severe, Area Affected : 30%</i>					
			<i>Location : Begin Abutment Right Side.</i>					
Mat (scour & erosion)								
Not Accessible	100%							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE NORTHBOUND LEAF**  
**Asset # : 13434**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Timber	100%			LIFE	**			
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Piers 1 And 2.</i>						
		<i>Explanation : Piers 1 And 2.</i>						
Approaches								
Pavement								
Asphalt	100%			2034	**	4	\$58,000	
Concrete	100%			2043	**	4		
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**	2-8	\$26,200	
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Steel	100%			LIFE	**	2-8		
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$11,100	
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Pier 2</i>						
		<i>Explanation : Steel Columns Support Bascule Girders.</i>						
Stem,Solid Pier								
Concrete	100%	4+	\$350,600	LIFE	**			
		<i>Cracks, Extent : Light, Area Affected : 50%</i>						
		<i>Location : Concrete Pier Wall, Cracking Surrounding The Windows And Girder Openings.</i>						
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$6,900	
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
Deck Elements								
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**			
Median								
Cobblestone	100%			2056	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$8,500	

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE NORTHBOUND LEAF**  
**Asset # : 13434**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Deck Elements</b>								
<b>Sidewalks</b>								
Concrete	100%			2038	**	5	\$9,600	
<b>Wearing Surface</b>								
Asphalt	100%			2034	**	5	\$139,200	
Concrete	100%			2043	**	5	\$156,900	
Steel Grating	100%			LIFE	**	5	\$40,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Steel Grating In Bascule Span.</i>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%			LIFE	**	5	\$39,600	
Steel Grating	100%			LIFE	**	5	\$40,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Steel Grating In Bascule Span.</i>								
<b>Joints</b>								
Steel	100%			LIFE	**			
<b>Primary Member</b>								
Concrete	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 1</i>								
<i>Explanation : Concrete Ribbed Arches.</i>								
Steel	100%			LIFE	**	2-8	\$135,000	
<b>Secondary Member</b>								
Concrete	100%			LIFE	**	5		
<b>Movable Bridges</b>								
<b>Bascule Span</b>								
Steel	100%			LIFE	**			
<b>Bascule Span Pier</b>								
Concrete	100%			LIFE	**			

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Communication Electrical</b>								
<b>Intercom</b>								
Generic	100%			2030	\$21,500			
<b>Telephone</b>								
Desk Top	100%			2030	\$400			
<b>Jack</b>								
Telephone	100%			2030	\$300			
<b>Control System Electrical</b>								
<b>Computer</b>								
PLC	100%			2030	\$29,400			

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE NORTHBOUND LEAF**  
**Asset # : 13434**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	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	\$24,200			
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	\$7,000	1	\$4,500	
Span Lighting Incandescent	100%	Now	\$2,600	2030	\$13,200	1	\$2,000	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Bascule Span Lights</i>								
<i>Explanation : Red Lights Not Working</i>								
Raceway								
Box Pull Junction	100%			2040	**	1	\$4,500	

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE NORTHBOUND LEAF**  
**Asset # : 13434**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
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	\$17,200	1	\$1,100	
Traffic Gate Lighting								
Incandescent	100%	Now	\$300	2030	\$17,200	1	\$1,000	
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Se Warning Gate</i>						
		<i>Explanation : Flashing Light Out</i>						
Traffic Gong								
Generic	100%			2030	\$18,100	1	\$600	
Traffic Sign								
Fixed	100%			2030				
Traffic Signal								
Generic	100%			2030	\$3,200	1	\$600	
Lighting								
Lighting Devices								
Generic	100%	Now	\$12,300	2035	**			
		<i>Other Observation, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Various Locations</i>						
		<i>Explanation : Exit Lighting Did Not Function When Tested With Button On Unit.</i>						

<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Bascule

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE NORTHBOUND LEAF**  
**Asset # : 13434**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Counter Weight Generic	100%	Now	\$12,700	2065	**	2	\$35,900	
<i>Other Observation, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Counterweight</i>								
<i>Explanation : Extra Material On Top Of Counterweight.</i>								
Emergency Drive Emergency Power	100%	Now	\$8,300	2065	**	2	\$71,800	
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Hydraulic Power Unit And Control Rooms</i>								
<i>Explanation : Operation Was Not Observed. Check Operation And For The Presence Of Exhaust Gas In Control Tower. Missing Handle Locks.</i>								
Fuel Tanks Generic	100%			2047	**			
Houses								
Access Ways	100%	Now	\$2,500	2043	**			
<i>Other Observation, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : Access Ways, Sump Pump Room And Counterweight Pits</i>								
<i>Explanation : Sump Pump Stairs Needs Some Repairs. Loose Hardware And Chains. Missing Grates.</i>								
Control House	100%	Now	\$29,800	2065	**			
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Control House</i>								
<i>Explanation : Leaky Windows And Doors, Permanent Shades Required. Alarms Require Repairs.</i>								
Machinery Room	100%	Now	\$5,200	2065	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Machine Room</i>								
<i>Explanation : Some Water Leakage Into Room.</i>								
Lock Bars								
With Motor	60%	Now	\$25,300	2043	**	2	\$35,900	
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : East Lock Bars</i>								
<i>Explanation : Some Coverage Of Debris. Missing Single And/or Double Nuts. Brake Release Pulled. Minor Adjustments Required.</i>								
With Motor	40%			2043	**	2	\$44,900	
Main Drive System								
Generic	100%	Now	\$22,700	2065	**	2	\$107,800	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : East Machine Room</i>								
<i>Explanation : Breathers Will Need To Be Changed Soon. Some Minor Leaks And Machinery Covers Removed. Monitor Noise.</i>								
Rack								
Generic	100%	0-2	\$1,700	2065	**			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Racks And Pinion Assemblies.</i>								
<i>Explanation : Some Surface Corrosion And Debris Buildup On Interior Of Rack And Support.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841  
HAMILTON AVENUE BRIDGE NORTHBOUND LEAF**

**Asset # : 13434**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Structural Bearings								
Generic	100%	Now	\$6,400	2043			* *	
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Counter weight Pit</i>								
<i>Explanation : Bumper Block Wood Is Splitting. Some Live Load And Center Guide Bolts Covered In Debris.</i>								
Traffic Devices								
Barrier Gate								
	100%	Now	\$21,300	2043			* *	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : Some Doors And Hardware Damaged. Some Repairs Required.</i>								
Warning Gate								
	100%	Now	\$2,200	2043			* *	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Warning Gates</i>								
<i>Explanation : Some Minor Repairs Required.</i>								
Trunnion								
Generic								
	15%	Now	\$5,700	2065			* *	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Trunnions</i>								
<i>Explanation : Some Debris And Light Corrosion.</i>								
Generic								
	85%			2065			* *	

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$567,000	\$1,012,100
Bridge Electrical		\$163,000
Bridge Mechanical	\$120,800	
<b>Total</b>	<b>\$687,800</b>	<b>\$1,175,100</b>
Importance Code A	\$84,700	\$427,600
Importance Code B	\$471,400	\$590,600
Importance Code C	\$131,700	\$156,900
<b>Total</b>	<b>\$687,800</b>	<b>\$1,175,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$21,800		\$116,400	
Bridge Electrical	\$27,300	\$6,600	\$6,600	\$6,600
Bridge Mechanical	\$167,300	\$44,900	\$53,900	\$44,900
<b>Total</b>	<b>\$216,300</b>	<b>\$51,500</b>	<b>\$176,900</b>	<b>\$51,500</b>
Importance Code A			\$44,200	
Importance Code B	\$194,600	\$51,500	\$103,700	\$51,500
Importance Code C	\$21,800		\$29,000	
<b>Total</b>	<b>\$216,300</b>	<b>\$51,500</b>	<b>\$176,900</b>	<b>\$51,500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**  
**Asset # : 4217**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : End Abutment</i>								
<i>Explanation : Concrete Bridge Seat.</i>								
Backwall Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : End Abutment</i>								
<i>Explanation : End Abutment</i>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : End Abutment Only.</i>								
<i>Explanation : Bearings Not Accessible</i>								
Footings Not Accessible	100%							
Mat (scour & erosion) Not Accessible	100%							
Stem (breastwall) Concrete	100%			LIFE		**		
Masonry: Granite	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Begin Abutment</i>								
<i>Explanation : Begin Abutment</i>								
Walls Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 3</i>								
<i>Explanation : Walls Enclose Span 3</i>								
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Generic	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Concrete	100%			LIFE		**		
Feature Crossed								

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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**  
**Asset # : 4217**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
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+	\$131,700	LIFE		**		
<i>Erosion, Extent : Light, Area Affected : 15%</i>								
<i>Location : Begin Abutment Left Side</i>								
Sheet Piling	100%			LIFE		**		
Timber	90%			2035		**		
Timber	10%	Now	\$14,000	2035		**		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 15%</i>								
<i>Location : End Abutment Left Side</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1 And 2.</i>								
<i>Explanation : Piers 1 And 2.</i>								
Approaches								
Pavement								
Asphalt	100%			2034		**	4	\$58,000
Concrete	100%			2043		**	4	
Curbs								
Steel	100%			LIFE		**		
Guide Railing								
Steel	100%			LIFE		**	2-8	\$26,200
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%			LIFE		**		
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	
Pier,Columns								
Steel	100%			LIFE		**	2-8	\$11,100
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Pier 2</i>								
<i>Explanation : Steel Columns For Bascule Span.</i>								
Stem,Solid Pier								
Concrete	100%	4+	\$350,600	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 50%</i>								
<i>Location : Pier Wall End Face Cracking Surrounding Windows And Girder Openings.</i>								
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**	2-8	\$6,900
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.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**  
**Asset # : 4217**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Pedestals								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1 And 2.</i>								
<i>Explanation : Concrete Pedestals For Span 2 At Pier 1 Bearings And For Span 3 At Pier 2 Bearings.</i>								
Deck Elements								
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**			
Median								
Cobblestone	100%			2056	**			
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$8,500	
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	\$40,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Steel Grating In Bascule Span.</i>								
Superstructure								
Deck,Structural								
Concrete	100%	4+	\$84,700	LIFE	**	5	\$39,600	
<i>Spalling, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Span 1 Bay 6, 5sf X Up To 1.5 Inches Deep W/ Ecr.</i>								
Steel Grating	100%			LIFE	**	5	\$40,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2</i>								
<i>Explanation : Steel Grating In Bascule Span.</i>								
Joints								
Steel	100%			LIFE	**			
Primary Member								
Concrete	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 1</i>								
<i>Explanation : Concrete Ribbed Arch.</i>								
Steel	100%			LIFE	**	2-8	\$798,600	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$669,000	
Movable Bridges								
Bascule Span								
Steel	100%			LIFE	**			

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HAMILTON AVENUE BRIDGE SOUTHBOUND LEAF**  
**Asset # : 4217**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Movable Bridges

Bascule Span Pier

Concrete

100%

LIFE

\* \*

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Communication Electrical

Communications

Generic

100%

2030

\$41,100

## Control System Electrical

Computer

PLC

100%

2030

\$29,400

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**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Ground/Lightning Protection								
Ground Bus								
	Copper	100%			2035	**		
Ground Rod								
	Not Accessible	100%						
Ground Wire								
	Green	100%			2035	**		
Navigation Lighting								
Pier Lighting								
	Incandescent	100%	Now	\$300	2030	\$7,000	1	\$4,000
			<i>Other Observation, Extent : Light, Area Affected : 10%</i>					
			<i>Location : North Pier</i>					
			<i>Explanation : Center Pier Light Out</i>					
Span Lighting								
	Incandescent	100%	Now	\$2,600	2030	\$13,200	1	\$2,000
			<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : East And West Bascule Lights</i>					
			<i>Explanation : Red Lights Not Working</i>					
Raceway								
Box								
	Pull Junction	100%			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**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Traffic System Electrical

Traffic Signal

Generic

100%

2030

\$163,000

1

\$600

Lighting

Lighting Devices

Generic

50% Now

\$6,100

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

\$12,300

2035

\*\*

*Other Observation, Extent : N/A, Area Affected : 40%*

*Location : Various Locations*

*Explanation : Some Emergency Exit Lights Do Not Work When Tested Using The Test Function On Unit.*

<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Bascule

Counter Weight

Generic

100%

2065

\*\*

2

\$44,900

Emergency Drive

Emergency Power

100% Now

\$23,700

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

\$12,700

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

\$32,200

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

\$10,200

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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Bascule								
Lock Bars								
With Motor	65%	0-2	\$19,400	2043	**	2	\$35,900	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Locks</i>								
<i>Explanation : Some Coverage Of Debris And Corrosion. Missing Single And/or Double Nuts. Minor Adjustment Required.</i>								
With Motor	35%			2043	**	2	\$44,900	
Main Drive System								
Generic	30%	Now	\$23,800	2065	**	2	\$107,800	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : West Machine Room</i>								
<i>Explanation : Breathers Will Need To Be Changed Soon. Some Minor Leaks And Machinery Covers Removed. Monitor Noise.</i>								
Generic	70%			2065	**	2	\$134,700	
Rack								
Generic	100%	0-2	\$12,500	2065	**			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Rack And Pinion Assemblies</i>								
<i>Explanation : Some Surface Corrosion And Debris Buildup On Interior Of Rack And Support.</i>								
Structural Bearings								
Generic	75%	Now	\$10,200	2045	**			
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Counter weight Pit And Bascule Span</i>								
<i>Explanation : Bumper Block Wood Is Splitting. Some Live Load Bearings And Centring Guide Bolts Covered In Debris.</i>								
Generic	25%			2043	**			
Traffic Devices								
Barrier Gate								
	60%	Now	\$120,800	2043	**			
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : Oncoming Gate Has Crack In Arm Weld. Off Going Gate Has Damaged Gate Housing And Guy Wires Need Repair.</i>								
Barrier Gate	40%			2043	**			
Warning Gate	100%	Now	\$5,900	2043	**			
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Warning Gates</i>								
<i>Explanation : Some Repairs Required.</i>								
Trunnion								
Generic	35%	Now	\$16,700	2065	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : West Trunnions</i>								
<i>Explanation : Missing Or Broken Grease Fittings. Some Coverage Of Debris And Minor Corrosion.</i>								
Generic	65%			2065	**			

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$595,800	\$419,900
Bridge Electrical	\$106,400	\$201,700
Bridge Mechanical	\$211,600	\$294,400
<b>Total</b>	<b>\$913,800</b>	<b>\$916,000</b>
Importance Code A		\$239,500
Importance Code B	\$913,800	\$610,400
Importance Code C		\$66,200
<b>Total</b>	<b>\$913,800</b>	<b>\$916,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$50,100	\$3,200	\$23,300	\$300
Bridge Electrical	\$55,400			
Bridge Mechanical	\$139,400			
<b>Total</b>	<b>\$244,900</b>	<b>\$3,200</b>	<b>\$23,300</b>	<b>\$300</b>
Importance Code A	\$3,400		\$11,900	
Importance Code B	\$194,800		\$11,500	
Importance Code C	\$46,700	\$3,200		\$300
<b>Total</b>	<b>\$244,900</b>	<b>\$3,200</b>	<b>\$23,300</b>	<b>\$300</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Begin And End Abutment</i>								
<i>Explanation : Debris On Bridge Seat.</i>								
Backwall Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Begin And End Abutment.</i>								
<i>Explanation : Debris On Bearings.</i>								
Footings Not Accessible	100%							
Joint with Deck Generic	100%	Now	\$130,000	LIFE		**		
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Begin And End Abutment</i>								
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Begin And End Abutment</i>								
<i>Explanation : Joint Sealer Cracked And Allows Water And Debris On Bridge Seat.</i>								
Pedestals Concrete	100%			LIFE		**		
Stem (breastwall) Concrete	100%			LIFE		**		
Wingwalls								
Footings Not Accessible	100%							
Mat (scour & erosion) Riprap	100%			LIFE		**		
Piles Not Accessible	100%							
Walls Masonry: Stone	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : All 4 Wingwalls</i>								
<i>Explanation : Efflorescence Located On The Wingwalls</i>								
Feature Crossed								
Bank Protection Riprap	100%	4+	\$700	LIFE		**		
<i>Erosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Begin Abut. Left Side Embankment.</i>								
Mat (scour & erosion) Stream Bed	100%			LIFE		**		

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Timber	100%	4+	\$465,800	LIFE		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Pier 1 And Bascule Pier 2</i>								
<i>Rotted, Extent : Light, Area Affected : 20%</i>								
<i>Location : Both Piers</i>								
Approaches								
Pavement								
Concrete	100%			2039		**	4	\$600
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : End Approach</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
Sidewalks								
Concrete	100%	4+	\$600	LIFE		**		
<i>Settlement, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
Piers								
Stem,Solid Pier								
Masonry	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Pier 1</i>								
<i>Explanation : Pier 1 Is In Good Condition.</i>								
Brngs,Ancr Blts,Pads								
Steel	5%	Now	\$200	LIFE		**	2-8	\$900
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Pier 1 Span 2 Side Right Bearing</i>								
<i>Explanation : Right Bearing At Pier 1 Is Bouncing Under Live Load.</i>								
Steel	95%			LIFE		**	2-8	\$900
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		**		
Piles								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE		**		
<i>Misaligned/Bulging, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 3, Left (North) Curb At Pier 3.</i>								
Railings/Parapets								
Steel	100%	4+	\$3,300	LIFE		**	2-8	\$9,600
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 2 And 3, Left (North) Railing, Missing 6 Bolts At Splice Locations And 1 Bolt At Pier 3</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Sidewalks</b>								
Concrete	100%			2035	**	5	\$6,400	
<i>Cracking/Crumbling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Both Sidewalks</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	90%			2039	**	5	\$66,200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 And 4</i>								
<i>Explanation : Concrete Wearing Surface In Spans 1, 3 And 4.</i>								
Concrete	10%	4+	\$11,100	2039	**	5	\$33,100	
<i>Cracks, Extent : Light, Area Affected : 25%</i>								
<i>Location : Spans 1, 4</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%			LIFE	**	5	\$125,200	
<i>Exposed Reinforcement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 3</i>								
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 3</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 And 4</i>								
<i>Explanation : Located In Spans 1, 3, And 4</i>								
<hr/>								
<b>Joints</b>								
Generic	100%	4+	\$1,200	LIFE	**			
<i>Joints Missing, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : All Spans</i>								
<i>Leakage, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : All Spans</i>								
<hr/>								
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8	\$213,400	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Spans 1, 3 And 4</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 And 4</i>								
<i>Explanation : Located In Spans 1, 3 And 4.</i>								
<hr/>								
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$178,800	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Spans 1, 3 And 4</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 3 And 4</i>								
<i>Explanation : Located In Spans 1, 3 And 4.</i>								

**Movable Bridges**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Communication Electrical

Communications  
Generic

100%    Now      \$4,100    2028      \$41,100  
*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      \$2,200    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+      \$2,200    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      \$106,400    2043      \* \*  
*Other Observation, Extent : Moderate, Area Affected : 50%*  
*Location : Electrical Room Drive Cabinet*  
*Explanation : Seondary Motor Drive System Ot Functioning.*

## Raceway

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Raceway								
Submarine Control Cables								
Generic	100%			2034		**		
Wiring								
Generic	100%			2035		**		
Stand-by Power								
Generator								
Natural Gas	100%	Now	\$41,300	2035		**		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location :</i>								
<i>Explanation : Generator Is Inoperable</i>								
Traffic System Electrical								
Traffic Signal								
Generic	100%			2029	\$201,700			
Lighting								
Lighting Devices								
Generic	100%	Now	\$5,700	2035		**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Navigation Lighting</i>								
<i>Explanation : Several Navigational Lights Need Relamping.</i>								

<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Bascule								
Counter Weight								
Generic	100%			2058		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Counter Weight.</i>								
<i>Explanation : Minor Paint Failure.</i>								
Emergency Drive								
Emergency Power								
	100%	Now	\$25,100	2045		**		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Control House And Machine Room</i>								
<i>Explanation : Emergency Operation Not Tested. Reported Not Run In 3 Years. System Should Be Tested Periodically.</i>								
Houses								
Access Ways								
	100%			2039		**		
Control House								
	100%	Now	\$121,500	2058		**		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Control House</i>								
<i>Explanation : House Plumbing Needs Repair.</i>								
Machinery Room								
	100%	Now	\$2,100	2065		**		
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Machine Room</i>								
<i>Explanation : Minnor Leakage.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Lock Bars								
With Motor	50%	Now	\$29,800	2039			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Toe Locks</i>								
<i>Explanation : No Operation Observed. Some Corrosion. Some Movement Observed May Require Adjustment With Live Load Bearings.</i>								
With Motor	50%	Now	\$14,900	2039			**	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Tail Locks</i>								
<i>Explanation : No Operation Observed. Some Corrosion. Note Part Of Assembly Is Under Water When Pit Fills With Water.</i>								
Main Drive System								
Generic	100%	Now	\$28,900	2065			**	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Machinery Room</i>								
<i>Explanation : No Operation Observed. Reported To Be Working Fine. Adjustment May Be Required For Firm Bridge Seating.</i>								
Rack								
Generic	100%			2065			**	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Racks</i>								
<i>Explanation : No Operation Observed. Minor Corrosion On Fasteners Under Support.</i>								
Structural Bearings								
Generic	50%	Now	\$9,100	2043			**	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Live Load Bearings At Toe</i>								
<i>Explanation : Gap Present At South And Center Live Load Support Bearings And Substantial Movement Under Traffic Loading.</i>								
Generic	50%			2043			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Live Load Supports At Tail</i>								
<i>Explanation : Not Accessible</i>								
Track								
Generic	100%			2065			**	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Track Supports</i>								
<i>Explanation : No Operation Observed. Minor To Moderate Corrosion Observed On Track Supports</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUNTERS POINT AVE. BRIDGE HUNTERS POINT AVE BR/DUTCH KILLS**  
**Asset # : 13712**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Traffic Devices								
Barrier Gate	100%	Now	\$90,100	2039			* *	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : The Barrier Gates Are Currently Not In Service. Some Corrosion Observed.</i>								
<i>Repairs Required. Loose Covers And Platforms.</i>								
Warning Gate	100%	Now	\$29,400	2033	\$294,400			
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Warning Gates</i>								
<i>Explanation : No Observation Observed. Missing Hardware. Damaged Arm. Grout Pad Cracking.</i>								

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$555,400	\$1,445,400
Bridge Electrical		\$2,885,600
Bridge Mechanical	\$2,154,600	\$1,895,600
<b>Total</b>	<b>\$2,710,000</b>	<b>\$6,226,700</b>
Importance Code A	\$555,400	\$523,300
Importance Code B	\$2,154,600	\$5,411,700
Importance Code C		\$291,700
<b>Total</b>	<b>\$2,710,000</b>	<b>\$6,226,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$18,700		\$120,200	\$18,300
Bridge Electrical	\$31,500	\$34,400		
Bridge Mechanical	\$90,500			
<b>Total</b>	<b>\$140,700</b>	<b>\$34,400</b>	<b>\$120,200</b>	<b>\$18,300</b>
Importance Code A	\$300		\$51,200	
Importance Code B	\$133,100	\$34,400	\$63,200	
Importance Code C	\$7,300		\$5,700	\$18,300
<b>Total</b>	<b>\$140,700</b>	<b>\$34,400</b>	<b>\$120,200</b>	<b>\$18,300</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			**	
Backwall								
Concrete	100%			LIFE			**	
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Begin Abutment</i>					
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE			**	
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	4+	\$6,400	LIFE			**	
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 25%</i>					
			<i>Location : Begin Joint Between G3 And G4.</i>					
			<i>Leakage, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Begin And End Joint</i>					
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Begin And End Joint</i>					
			<i>Rust Stains, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Begin Abutment</i>					
			<i>Spalling, Extent : Light, Area Affected : 1%</i>					
			<i>Location : End Joint Header</i>					
Mat (scour & erosion)								
Earth	100%	4+	\$4,700	LIFE			**	
			<i>Erosion, Extent : Light, Area Affected : 15%</i>					
			<i>Location : End Abutment Drainage</i>					
Generic	100%			LIFE			**	
Pedestals								
Concrete	100%			LIFE			**	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
Piles								
Not Accessible	100%							
Walls								
Brick Veneer	10%	4+	\$500	LIFE			**	
			<i>Other Observation, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Areas Of Wingwalls</i>					
			<i>Explanation : Efflorescence</i>					
Brick Veneer	90%			LIFE			**	
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			**	

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 4 And 5.</i>								
<i>Explanation : Granite Block Facade</i>								
Timber	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 2 And 3.</i>								
<i>Explanation : Piers 2 And 3.</i>								
Approaches								
Pavement								
Asphalt	80%			2034		**	4	\$9,700
Asphalt	20%	4+	\$6,700	2034		**	4	\$9,700
<i>Cracks, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South Approach</i>								
Concrete	100%			2043		**	4	\$36,500
Curbs								
Concrete	100%			LIFE		**		
Embankment								
Earth	100%			LIFE		**		
Guide Railing								
Steel	90%			LIFE		**	2-8	\$5,500
Steel	10%	Now	\$300	LIFE		**	2-8	\$5,500
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : West Side - South (Begin) Approach And West Side - North (End) Approach</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Sidewalks								
Asphalt	100%			2034		**	4	\$1,800
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 7.</i>								
<i>Explanation : Sidewalk On West Side Only</i>								
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$36,600

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pier,Columns								
Brick Veneer	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Pier 2, Column 3; Pier 3, Column 3; Pier 4, Column 3; Pier 5, Column 1</i>							
	<i>Explanation : Cracked Or Deteriorated Bricks With Hollow Sounding Areas.</i>							
Concrete	100%			LIFE	**			
	<i>Spalling, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Pier 2, Column 1</i>							
Granite	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 4, 5, 6</i>							
	<i>Explanation : Granite At Base.</i>							
Steel	100%			LIFE	**	2-8	\$92,200	
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 2 And 3</i>							
	<i>Explanation : Steel Columns Encased In Concrete.</i>							
Stem,Solid Pier								
Concrete	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Piers 2 And 3</i>							
	<i>Explanation : Solid Concrete Stem.</i>							
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2056	**			
Steel	100%	4+	\$67,400	LIFE	**	2-8	\$8,200	
	<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Piers 2 And 3</i>							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE	**			
	<i>Cracks, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Pier 2 Pedestal 1</i>							
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Guide Railing								
Steel	100%			LIFE	**			
Median								
Concrete	100%			LIFE	**	5	\$10,200	
	<i>Other Observation, Extent : Light, Area Affected : 1%</i>							
	<i>Location : Spans 1 And 6 Median</i>							
	<i>Explanation : Broken Electrical Box Covers</i>							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$65,700	
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 7 West Railing</i>								
Sidewalks								
Concrete	100%			2038	**	5	\$11,400	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 2, 4-7</i>								
Wearing Surface								
Concrete	100%			2043	**	5	\$291,700	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 2, 4-7</i>								
<i>Explanation : Concrete Wearing Surface.</i>								
Steel Grating	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 3</i>								
<i>Explanation : Bascule Span Steel Grating.</i>								
Superstructure								
Deck, Structural								
Concrete	100%			LIFE	**	5	\$47,000	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 2, 4-7</i>								
<i>Explanation : Concrete Deck.</i>								
Grating w/ Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 2 And 4</i>								
<i>Explanation : Half The Spans Have Grating With Concrete.</i>								
Steel Grating	100%			LIFE	**	5	\$58,200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 3</i>								
<i>Explanation : Steel Grating Deck.</i>								
Joints								
Generic	100%			LIFE	**			
<i>Leakage, Extent : Light, Area Affected : 1%</i>								
<i>Location : All Spans</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$868,800	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 2, 4-7</i>								
<i>Explanation : Structural Steel</i>								
Secondary Member								
Steel	100%			LIFE	**	2-8	\$936,200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1, 2, 4-7</i>								
<i>Explanation : Structural Steel</i>								

## 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		Priority
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	\$437,600	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+	\$50,300	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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Communication Electrical

## Intercom

Generic	100%			2028	\$17,100			
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## Telephone

Desk Top	100%			2028				
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## Control System Electrical

## Control Console

Generic	100%			2043		**		
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## Control Devices

Relay	100%			2035		**		
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## Disconnect Switch

Generic	100%			2043		**		
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## Limit Switch

Generic	100%			2050		**		
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## Electrical Power

## Transfer Switch

Auto	100%	2-4	\$13,000	2035		**		
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*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		**		
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## Heating

Generic	100%			2035		**		
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## Dist Equip &amp; Motor Controll

Generic	100%			2035		**		
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## Navigation Lighting

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Navigation Lighting								
Pier Lighting								
Incandescent	100%			2028				
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : North And South Pier.</i>								
<i>Explanation : North And South Pier Each Have 1 Pier Light Out.</i>								
Span Lighting								
Incandescent	100%			2025				
Raceway								
Conduit								
Metal	90%	4+	\$18,500	2058		**		
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Below Machine Rooms</i>								
<i>Explanation : Conduits Corroding</i>								
Metal	10%			2045		**		
Submarine Control Cables								
Generic	100%			2028	\$971,800			
Submarine Power Cable								
Power	100%			2028				
Wiring								
Generic	100%			2031	\$1,791,000			
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%			2025	\$17,200			
Traffic Gate Lighting								
Incandescent	100%			2025	\$17,200			
Traffic Gong								
Not Accessible	100%							
Lighting								
Lighting Devices								
Generic	100%			2028	\$122,800			

<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Bascule								
Counter Weight								
Generic	100%			2045		**		
Emergency Drive								
Emergency Power	100%	Now	\$5,700	2045		**		
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : All Machine Rooms</i>								
<i>Explanation : Emergency Drive Was Reported Not Be Working And Not To Have Been Run In A Long Time, Should Be Repaired And Tested.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Houses								
Access Ways	100%	Now	\$14,000	2033	\$280,400			
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Access Ways</i>								
<i>Explanation : Some Doors Do Not Close Properly. Open Pier Area Behind South Inboard Trunnions.</i>								
Auxiliary	100%	Now	\$16,400	2033	\$328,900			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : South Auxiliary House</i>								
<i>Explanation : Rust On Bottom Of Door; Leaky Door Likely</i>								
Control House	100%	Now	\$60,700	2045		**		
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Control House</i>								
<i>Explanation : Leaky Door. Exhaust Fan Non-functioning Bathroom Not Functioning. Air Conditioning Does Not Work.</i>								
Machinery Room	100%	Now	\$20,400	2045		**		
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Machine Rooms</i>								
<i>Explanation : Water And Oil Observed In Some Rooms. Some Doors Do Not Close Properly.</i>								
Lock Bars								
With Motor	100%	Now	\$257,300	2033	\$1,286,300			
<i>Other Observation, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Span Lock Bars</i>								
<i>Explanation : Movement Of Spans Observed From Sidewalk, Locks And Live Load Brgs Require Adjustments. One Lock Operation Problematic.</i>								
Main Drive System								
Generic	100%	0-2	\$583,200	2045		**		
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Machine Rooms</i>								
<i>Explanation : Lubricant Leakage And Possible Contamination. Brake Adjustments May Be Required.</i>								
Rack								
Generic	100%			2045		**		
Structural Bearings								
Not Accessible	100%							
Traffic Devices								
Barrier Gate	100%	Now	\$76,300	2026	\$763,100			
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : Some Paint Failure. Open Areas. Some Adjustments Needed.</i>								
Warning Gate	100%	Now	\$33,900	2026	\$339,500			
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Warning Gates</i>								
<i>Explanation : Some Repairs And Adjustments Needed. Some Guy Wire May Need Adjustment.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**HUTCHINSON RIVER PARKWAY BRIDGE HUTCHNS RIV PKY/HUTCHINSON RIVER**  
**Asset # : 4269**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Bascule

Trunnion

Generic

100% Now \$74,400 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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 27-Apr-2021 **Landmark Status** : EXTERIOR LANDMARK  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 1240090

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$11,106,800	\$7,767,300
Bridge Mechanical	\$396,000	
<b>Total</b>	<b>\$11,502,700</b>	<b>\$7,767,300</b>
Importance Code A	\$10,456,600	\$3,184,700
Importance Code B	\$558,400	\$3,185,100
Importance Code C	\$487,700	\$1,397,500
<b>Total</b>	<b>\$11,502,700</b>	<b>\$7,767,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$138,200		\$623,200	
Bridge Electrical	\$109,600	\$8,200	\$6,700	\$6,700
Bridge Mechanical	\$183,900		\$80,800	
<b>Total</b>	<b>\$431,600</b>	<b>\$8,200</b>	<b>\$710,700</b>	<b>\$6,700</b>
Importance Code A			\$303,800	
Importance Code B	\$356,600	\$8,200	\$406,900	\$6,700
Importance Code C	\$75,000			
<b>Total</b>	<b>\$431,600</b>	<b>\$8,200</b>	<b>\$710,700</b>	<b>\$6,700</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Granite	100%			LIFE		**		
Backwall								
Masonry	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE		**		
			<i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i>					
			<i>Location : Begin Abutment Girder Bearings</i>					
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	Now	\$61,400	LIFE		**		
			<i>Missing/Damaged Seal, Extent : Severe, Area Affected : 75%</i>					
			<i>Location : Beginning Abutment Joint Sealer Damaged. End Abutment Joint Missing For 3 Ft. Begin Abutment Joint Was Noted To Be Replaced During Previous Biennial Inspection.</i>					
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Masonry: Granite	100%			LIFE		**		
Walls								
Not Accessible	100%							
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE		**		
Masonry: Granite	100%	4+	\$19,800	LIFE		**		
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Beginning Right Wingwall Has Voids And Displacement 4 Inches.</i>					
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE		**		
Riprap	100%			LIFE		**		
			<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>					
			<i>Location : Pier 35 Rip Rap At Northwest Corner Missing Stones</i>					
Mat (scour & erosion)								
Not Accessible	100%							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Feature Crossed								
Pier Protection								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Pier 36</i>								
<i>Explanation : Concrete With Rubber Bumpers.</i>								
Approaches								
Pavement								
Asphalt	100%	0-2	\$22,700	2033	\$1,134,000	4	\$29,500	
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Begin And End Approach Relief Joints</i>								
Concrete	100%			2041		**	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%	4+	\$272,500	LIFE		**	2-8	\$1,633,900
<i>Corrosion, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Pier 34 Steel Cap Beam</i>								
<i>Recent Repair Evident, Extent : N/A, Area Affected : 5%</i>								
<i>Location : Spans 1 Through 30</i>								
Pier,Columns								
Steel	100%			LIFE		**	2-8	\$2,821,200
<i>Recent Replace Evident, Extent : N/A, Area Affected : 25%</i>								
<i>Location : Piers 1 To 30</i>								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Brngs,Ancr Blts,Pads Elastomeric	100%	4+	\$94,200	2052		**		
<i>Corrosion, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Pier 32 Girder 5</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Pier 35, Girder 5; Pier 45 Girder 1</i>								
<i>Explanation : Pier 35 Bearing Is In Extreme Expansion Overhanging Pedestal At Begin Left Corner. Pier 45 Bearing Elastomer Is Torn.</i>								
Steel	25%	Now	\$110,000	LIFE		**	2-8	\$49,000
<i>Bearings Frozen, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Pier 6 Expansion Bearings Are Frozen.</i>								
<i>Recent Replace Evident, Extent : N/A, Area Affected : 25%</i>								
<i>Location : Piers 1 To 35</i>								
Steel	70%			LIFE		**	2-8	\$49,000
Steel	5%	Now	\$44,000	LIFE		**	2-8	\$49,000
<i>Loose Fastenings, Extent : Light, Area Affected : 5%</i>								
<i>Location : Pier 38 End Bearings At Truss 2 And 5 And Begin Bearing At Truss 1</i>								
<i>Missing Fastenings, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Pier 38 Begin And End Bearings At Truss 1 - 2 Of 3 Missing Anchor Bolts Each.</i>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Generic	100%			LIFE		**		
<b>Pedestals</b>								
Concrete	100%	4+	\$46,400	LIFE		**		
<i>Spalling, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Pier 40</i>								
Steel	100%	4+	\$16,800	LIFE		**		
<i>Loss of Section, Extent : Light, Area Affected : 2%</i>								
<i>Location : Piers 6, 10, 27</i>								
<i>Recent Replace Evident, Extent : N/A, Area Affected : 25%</i>								
<i>Location : Piers 1 To 30</i>								
<b>Deck Elements</b>								
<b>Curbs</b>								
Steel	100%			LIFE		**		
<b>Guide Railing</b>								
Concrete	100%			2045		**		
Steel	100%			LIFE		**		
<b>Mono Deck Surface</b>								
Concrete	100%			2052		**	5	
<b>Railings/Parapets</b>								
Steel	100%	Now	\$51,200	LIFE		**	2-8	\$136,600
<i>Damaged Railing, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Span 52 Right Pedestrian Fence</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Sidewalks</b>								
Concrete	1%	Now	\$800	2037	**	5	\$53,600	
<i>Spalling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Span 35, Left Sidewalk At Pier 35</i>								
Concrete	99%			2037	**	5	\$107,100	
<b>Wearing Surface</b>								
Concrete	100%	0-2	\$287,400	2041	**	5	\$156,400	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Scattered Locations Throughout The Bridge</i>								
<i>Spalling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Spans 4, 5, 6, 7, 11, 15, 18, 36, 37, 39, And 40</i>								
<b>Scupper</b>								
Cast Iron	10%	Now	\$31,700	LIFE	**			
<i>Drains Clogged, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Span 37 (1st Left Scupper), 40 (2nd Left Scupper), 51 (3rd Left Scupper), 52 (1st And 2nd Left Scuppers)</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Spans 47 To 52</i>								
<i>Explanation : Left And Right Scuppers Are Filled Up To 50 Percent.</i>								
Cast Iron	90%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Spans 1 To 52</i>								
<i>Explanation : Each Span Typically Exhibits At Least 2 Scuppers. Total Number Of Scuppers = 207.</i>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%	4+	\$386,000	LIFE	**	5	\$164,400	
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Stay In Place Corrosion In Spans 42, 43, 44, 45</i>								
<b>Joints</b>								
Steel	100%			LIFE	**			
Generic	100%	Now	\$146,700	LIFE	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Piers 8, 20, And 29 - Missing Joint Plates</i>								
<i>Joints Missing, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Piers 45 And 50 (3 Lf Each)</i>								
<i>Missing/Damaged Seal, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Piers 14 (50 Pct Length), 17 (60 Pct Length), 39 (50 Pct Length), 48 (30 Pct Length), 50 (10 Pct Length)</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout Bridge</i>								
<i>Explanation : Bridge Cannot Operate Clockwise Or Will Get Jammed Due To Thermal Expansion.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Superstructure</b>								
<b>Primary Member</b>								
Steel	95%			LIFE	**	2-8	\$2,059,400	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 10%</i>								
<i>Location : Spans 1 To 30</i>								
Steel	5%	4+	\$1,829,600	LIFE	**	2-8	\$2,059,400	
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Span 40 Bottom Chord Eyebars. Floorbeams And Steel Trusses In Spans 38-40 &amp; 48-52.</i>								
<i>Missing Fastenings, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Steel Trusses In Spans 39 And 40. Girder In Span 41.</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Span 16 And Span 40, North Side At East End Of Through Truss.</i>								
<i>Explanation : Truss Girders Exhibit Pack Rust. Drawbridge Signal Conduit Is Missing A Cover Exposing A Wire Easily Accessible By Pedestrians.</i>								
<b>Secondary Member</b>								
Steel	90%			LIFE	**	2-8	\$1,725,200	
Steel	10%	4+	\$101,000	LIFE	**	2-8	\$1,725,200	
<i>Corrosion, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Spans 23, 26, 30, 37, And 40 At Cross Frame Diaphragms.</i>								
<b>Movable Bridges</b>								
<b>Swing Span Truss</b>								
Steel	100%	4+	\$7,669,100	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Spans 36 And 37</i>								
<i>Explanation : Minor Corrosion And Minor Section Losses To Primary And Secondary Members</i>								
<b>Swing Span Pivot Pier</b>								
Concrete	100%			LIFE	**			

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Communication Electrical</b>								
<b>Air Horn</b>								
Generic	100%			2031	\$2,700			
<b>Communications</b>								
Generic	90%	Now	\$16,200	2031	\$40,600			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout Bridge</i>								
<i>Explanation : Intercom Is Not Functioning Due To Hardware And Cable Issues.</i>								
Generic	5%	Now	\$1,100	2031	\$2,300			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Manhattan Side Of Bridge Has The Phone Line Feed.</i>								
<i>Explanation : Wall Mounted Phone Not Working</i>								
Generic	5%			2031	\$2,300			
<b>Control System Electrical</b>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Control System Electrical								
Computer PLC	100%	Now	\$12,900	2031	\$32,300			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Programmable Logic Controller Cabinet</i>								
<i>Explanation : Programmable Logic Controller Has Issues With Program Retention.</i>								
Control Console								
Stainless Steel	100%	Now	\$47,800	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Control Room</i>								
<i>Explanation : Many Pilot Lights Are Foggy, Operator Cannot See Light</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Control Desk</i>								
<i>Explanation : To Turn Traffic Signals Green, Bypass Is Needed To Be Operated On Control Desks.</i>								
Disconnect Switch Non Fused	100%			2049	**	1	\$35,900	
Limit Switch Generic	100%	Now	\$600	2049	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Control Room</i>								
<i>Explanation : Remount/remove Tape Located On North East. Fully Closed Limit Switch.</i>								
<i>Limit Switch Covers Missing Fasteners.</i>								
Local Starter Magnetic	100%			2049	**			
Drive								
Machinery Brake Thruster	100%			2058	**	1	\$600	
Motor Brake Thruster	100%			2058	**	1	\$1,100	
Electrical Power								
MCC Generic	10%	Now	\$1,900	2049	**			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Machine Room Motor Control Center</i>								
<i>Explanation : Northwest Endlift Not Operating</i>								
Generic	90%			2049	**			
Panelboard Circuit Breaker	100%			2049	**	1	\$6,700	
Transfer Switch Auto	100%			2049	**			
Ground/Lightning Protection								
Ground Bus Copper	100%			2037	**			
Ground Rod Not Accessible	100%							
Ground Wire Green	100%			2036	**			

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Raceway								
Box								
Pull Junction	100%			2040	**	1	\$3,900	
Terminal	100%			2040	**	1	\$4,500	
Collector Ring								
Metal	100%			2040	**			
Submarine Control Cables								
Control	100%			2036	**			
Submarine Power Cable								
Power	100%			2036	**			
Trough								
Metal	100%			2067	**	1	\$1,100	
Wires								
Thermoplastic	100%			2045	**			
Wiring								
Generic	99%			2036	**			
Generic	1%	Now	\$400	2036	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Span 40</i>								
<i>Explanation : Drawbridge Ahead Sign Conduit Damage</i>								
Span Lock								
Motor								
Squirrel Cage	100%			2045	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : West Rest Pier</i>								
<i>Explanation : Span Lock Description Used For Endlifts Motors: Northwest End Lift Not Operational</i>								
Stand-by Power								
Transfer Switch								
Auto	100%			2052	**			
Lighting								
Lighting Devices								
Generic	40%			2036	**			
Generic	10%	Now	\$700	2036	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Outside Control Room On Access Platform</i>								
<i>Explanation : Exterior Access Light Fixtures Failed.</i>								
Generic	50%	Now	\$21,200	2036	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Collector Area</i>								
<i>Explanation : Lighting In Collector Area Not Operational</i>								
Main Drive								
Motor Controller								
Thyristor Drive	100%			2040	**	1-5	\$15,900	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Control Room</i>								
<i>Explanation : No Operation Observed</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing								
Center Latch Generic	100%	Now	\$43,300	2060	**	2	\$18,000	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : East And West</i>								
<i>Explanation : Could Not Be Tested. Operation Reported To Be Problematic.</i>								
Center Pivot Generic	100%			2060	**	2	\$67,400	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Rim Bearing At Center Pivot Pier</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Center Pivot Pier</i>								
<i>Explanation : Could Not Be Tested.</i>								
Emergency Drive Emergency Power	100%	Now	\$10,800	2060	**	2	\$35,900	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Swing Span Machinery Room</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Swing Span Machinery Room</i>								
<i>Explanation : Operation Was Not Observed. Battery Charger Not Working. Cut Out Coupling Has Painters Tape.</i>								
End Lift Generic	100%	Now	\$25,700	2060	**	2	\$35,900	
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East And West Rest Piers</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East And West Rest Piers</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : East And West Rest Piers</i>								
<i>Explanation : Could Not Be Tested.</i>								
Fuel Tanks Generic	100%			2045	**			
Houses								
Access Ways	100%	Now	\$28,000	2060	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Swing Span Access Hatches</i>								
<i>Explanation : Hatches Need Maintenance. Step Ladders At End Lift Machinery Level Corroded. Bilco Hatch Has Failed Hydraulic Piston.</i>								
Control House	100%	Now	\$6,100	2060	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Control House</i>								
<i>Explanation : Door Lock Operation Problematic. Windows Do Not Open And Are Foggy.</i>								
Machinery Room	100%	Now	\$11,200	2060	**			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Machinery Room</i>								
<i>Explanation : Door Handles Need Repair. Heat Does Not Work.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MACOMBS DAM BRIDGE E.155 ST./HARLEM RIVER**  
**Asset # : 4180**

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing Main Drive System Generic	100%	Now	\$343,900	2060		**	2	\$179,600
<i>Corrosion, Extent : Severe, Area Affected : 10%</i> <i>Location : Operating Machinery</i> <i>Lubrication Issue, Extent : Severe, Area Affected : 10%</i> <i>Location : Operating Machinery</i> <i>Other Observation, Extent : Severe, Area Affected : 10%</i> <i>Location : Operating Machinery</i> <i>Explanation : No Testing Was Observed. Loose Brake Covers. Coupling Cover Missing Fastener. Some Bearings Leaking Oil. Reducer Oil Levels Low. Animal Droppings Observed On Oil Absorbing Material.</i>								
Structural Bearings Generic	100%			2041		**		
<i>Corrosion, Extent : Light, Area Affected : 2%</i> <i>Location : East And West Rest Piers</i> <i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : East And West Rest Piers</i> <i>Explanation : Debris Observed.</i>								
Traffic Devices Barrier Gate	100%	Now	\$52,100	2041		**		
<i>Other Observation, Extent : Severe, Area Affected : 5%</i> <i>Location : East And West Approaches</i> <i>Explanation : Could Not Be Tested.</i>								
Warning Gate	36%	Now	\$34,900	2041		**		
<i>Other Observation, Extent : Severe, Area Affected : 5%</i> <i>Location : Pedestrian Gates</i> <i>Explanation : Pedestrian Gate Arms Removed. Access Gates Bent. Could Not Be Tested.</i>								
Warning Gate	64%	Now	\$10,300	2041		**		
<i>Other Observation, Extent : Severe, Area Affected : 5%</i> <i>Location : Warning Gates</i> <i>Explanation : Could Not Be Tested. Northwest Warning Gate Is Not Fully Horizontal When Lowered</i>								

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER  
**Address** : HARLEM RIVER, HARLEM RIV DR.  
**Borough** : MANHATTAN:BX. **Agency's Number** : N/A  
**Program / Asset #** : DOT0042.090 / 4209 **Yr Built/Renovated** : 1907 / 2004  
**Area Sq Ft** : 69,800 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 29-May-2014 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240079

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$2,825,000
Bridge Electrical	\$277,100	\$210,600
Bridge Mechanical	\$663,900	\$2,035,800
<b>Total</b>	<b>\$941,100</b>	<b>\$5,071,500</b>
Importance Code A		\$466,100
Importance Code B	\$941,100	\$2,566,000
Importance Code C		\$2,039,400
<b>Total</b>	<b>\$941,100</b>	<b>\$5,071,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$62,100	\$2,700	\$68,000	
Bridge Electrical	\$188,000	\$3,900	\$3,900	\$3,900
Bridge Mechanical	\$62,200		\$71,800	
<b>Total</b>	<b>\$312,400</b>	<b>\$6,600</b>	<b>\$143,700</b>	<b>\$3,900</b>
Importance Code A	\$1,400		\$35,900	
Importance Code B	\$264,200	\$3,900	\$107,800	\$3,900
Importance Code C	\$46,800	\$2,700		
<b>Total</b>	<b>\$312,400</b>	<b>\$6,600</b>	<b>\$143,700</b>	<b>\$3,900</b>



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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051	**			
<b>Footings</b>								
Not Accessible	100%							
<b>Joint with Deck</b>								
Generic	90%			LIFE	**			
Generic	10%	0-2	\$1,200	LIFE	**			
<i>Leakage, Extent : Light, Area Affected : 20%</i>								
<i>Location : Begin And End Abutment</i>								
<i>Missing/Damaged Seal, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Begin Abutment Joint</i>								
<b>Pedestals</b>								
Concrete	100%			LIFE	**			
<b>Stem (breastwall)</b>								
Concrete	100%			LIFE	**			
<b>Walls</b>								
Concrete	100%			LIFE	**			
<b>Wingwalls</b>								
<b>Footings</b>								
Not Accessible	100%							
<b>Piles</b>								
Not Accessible	100%							
<b>Walls</b>								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Wingwalls</i>								
<i>Explanation : Beginning Wingwall Only. End Approach Has No Wingwall</i>								
<b>Feature Crossed</b>								
<b>Bank Protection</b>								
Concrete	100%			LIFE	**			
Riprap	100%			LIFE	**			
Timber	100%			2030				
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Pier Protection</b>								
Timber	100%			LIFE	**			
<b>Approaches</b>								
<b>Pavement</b>								
Asphalt	100%			2029	\$187,300	4	\$8,100	
Concrete	100%			2038	**	4		
<b>Curbs</b>								
Concrete	100%			LIFE	**			

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Guide Railing								
Steel	100%	Now	\$1,400	LIFE	**	2-8	\$11,700	
<i>Damaged Railing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : End Approach Left (North) Side.</i>								
<hr/>								
Sidewalks								
Concrete	100%			LIFE	**			
<hr/>								
<b>Piers</b>								
Cap Beam								
Steel	100%			LIFE	**	2-8	\$252,300	
<hr/>								
Pier,Columns								
Steel	100%			LIFE	**	2-8	\$301,600	
<hr/>								
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Masonry	99%			LIFE	**			
Masonry	1%	2-4	\$100	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Pier 12</i>								
<i>Explanation : Masonry Stone Displaced.</i>								
<hr/>								
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051	**			
Steel	100%			LIFE	**	2-8	\$6,200	
<hr/>								
Footings								
Not Accessible	100%							
<hr/>								
Mat (scour & erosion)								
Not Accessible	100%							
<hr/>								
Pedestals								
Concrete	100%	0-2	\$12,700	LIFE	**			
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Piers 12 And 14.</i>								
<hr/>								
<b>Deck Elements</b>								
Gratings								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 And 14</i>								
<i>Explanation : Spans 13 And 14</i>								
<hr/>								
Guide Railing								
Concrete	100%			2045	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 12 And 15 - 21.</i>								
<i>Explanation : Concrete Guide Railings Both Sides.</i>								
<hr/>								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 And 14.</i>								
<i>Explanation : Swing Span.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Median</b>								
Concrete	100%			LIFE	**	5	\$5,600	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 8 - 12 And 15 - 21.</i>								
<i>Explanation : Concrete Median.</i>								
Steel	100%			LIFE	**	4-8	\$27,500	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 And 14</i>								
<i>Explanation : Swing Spans</i>								
<b>Railings/Parapets</b>								
Steel	78%			LIFE	**	2-8	\$40,300	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 8 - 21</i>								
<i>Explanation : Pipe Railing And Chain-link Fence On Both Sides</i>								
Steel	22%			LIFE	**	2-8	\$40,300	
<i>Other Observation, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Spans 1 - 7.</i>								
<i>Explanation : Pipe Railing And Chain-link Fence On One Side Only.</i>								
<b>Sidewalks</b>								
Concrete	78%			2033	\$740,300	5	\$28,100	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 8 - 21</i>								
<i>Explanation : Concrete Sidewalk On Both Sides.</i>								
Concrete	22%			2033	\$208,800	5	\$28,100	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 7.</i>								
<i>Explanation : Concrete Sidewalk On One Side Only.</i>								
Grating w/ Concrete	100%			2051	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 And 14.</i>								
<i>Explanation : Swing Span</i>								
<b>Wearing Surface</b>								
Asphalt	100%			2029	\$534,600	5	\$84,700	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 12 (Both Sides) And 15 - 21 (Left Side)</i>								
<i>Explanation : Asphalt Wearing Surface.</i>								
Concrete	100%			2038	**	5	\$368,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 15 - 21 (Right Side Only)</i>								
<i>Explanation : Concrete Wearing Surface.</i>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%			LIFE	**	5	\$115,700	
Grating w/ Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 13 And 14.</i>								
<i>Explanation : Swing Span.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Joints								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 12 And 14.</i>								
<i>Explanation : Steel Joint.</i>								
Generic	80%			LIFE	**			
Generic	20%	0-2	\$4,500	LIFE	**			
<i>Leakage, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 3, 9, 11 And 18.</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$401,200	
Secondary Member								
Steel	100%			LIFE	**	2-8	\$336,100	
Movable Bridges								
Swing Span Truss								
Steel	100%			LIFE	**			
Swing Span Pivot Pier								
Concrete	100%			LIFE	**			
Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%	Now	\$12,900	2024	\$21,500			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entire Bridge</i>								
<i>Explanation : Intercom System Is Not Functioning</i>								
Control System Electrical								
Computer								
PLC	50%			2024	\$14,700			
PLC	50%			2024	\$14,700			
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	\$1,800	2038	**			
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : East Center End Lift</i>								
<i>Explanation : Rotary Limit Switch Missing Cover Allow Severe Corrosion.</i>								
Local Starter								
Magnetic	100%			2042	**			

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Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
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	\$6,500	2042	**			
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Center Pier Mcc</i>								
<i>Explanation : End Lifts Do Not Disengage. Due To This The Bridge Will Not Open.</i>								
Panelboard								
Circuit Breaker	100%			2042	**	1	\$6,700	
Service Equipment Circuit Breaker	100%			2042	**			
Transfer Switch Auto	100%			2042	**			
Transformer Dry	100%			2042	**			
Exterior Lighting								
Lighting Contactor Generic	100%			2042	**	1	\$5,600	
Lighting Fixture HID	100%			2024			\$29,600	
Pole								
Aluminum	100%			2029			\$36,000	
Interior Lighting								
Lighting Fixture Fluorescent	100%	Now	\$200	2029	\$3,900	1	\$5,000	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various</i>								
<i>Explanation : Service Lighting Needs Relamping Or Ballast Replacement.</i>								
Wiring Device Generic	100%			2033			\$2,900	
Navigation Lighting								
Fender Lighting Incandescent	100%	Now	\$500	2024	\$10,500	1	\$3,000	
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Center Pier</i>								
<i>Explanation : North Tip And Center East Navigation Lights Out.</i>								
Pier Lighting Incandescent	100%			2024		1	\$4,500	

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Navigation Lighting								
Span Lighting								
Incandescent	100%	Now	\$4,200	2024	\$8,300	1	\$2,000	
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Various</i>								
<i>Explanation : Various Service Lighting Fixtures Are Out. Need Relamping.</i>								
Raceway								
Box								
Pull Junction	100%	Now	\$200	2030	\$4,200	1	\$3,500	
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Machine Room</i>								
<i>Explanation : Pull Box For Grounding Transformers Is Corroded And Latches Do Not Close.</i>								
Collector Ring								
Metal	100%			2033	\$210,600			
Conduit								
Metal	100%			2060	**			
Submarine Control Cables								
Generic	100%			2029				
Submarine Power Cable								
Power	100%			2029	\$38,900			
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%			2024	\$17,200	1	\$1,100	
Traffic Gate Lighting								
Incandescent	100%	Now	\$900	2024	\$17,200	1	\$1,000	
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Sw Warning Gate</i>								
<i>Explanation : 3 Arm Lights Broken</i>								
Traffic Gong								
Generic	100%			2024	\$18,100	1	\$600	
Traffic Signal								
Generic	100%			2024	\$277,100	1	\$600	
<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Swing								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**MADISON AVE. BRIDGE MADISON AVE. BRIDGE/HARLEM RIVER**  
**Asset # : 4209**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
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	\$31,700	2028	\$158,400	2	\$18,000	
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : Center Latches</i>								
<i>Explanation : No Operation Observed. Cracks In Bar Housing.</i>								
Center Pivot Generic	100%	0-2	\$206,900	2040	**	2	\$53,900	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Center Pivot Pier</i>								
<i>Explanation : No Operation Observed. Some Corrosion. Difficult To Access Interior.</i>								
End Lift Generic	100%	Now	\$266,000	2040	**	2	\$35,900	
<i>Other Observation, Extent : Severe, Area Affected : 30%</i>								
<i>Location : End Lifts</i>								
<i>Explanation : End Lifts Do Not Function Properly. Limit Switches And Couplings Are In Poor Condition.</i>								
Houses								
Access Ways	100%	Now	\$79,400	2040	**			
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Accessways And Fender Decking</i>								
<i>Explanation : Corroded Grating And Supports. Some Nails Are Popping Out Of Boards Around The Pier. Missing Pinion Platform</i>								
Control House	100%	Now	\$19,800	2040	**			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Control House</i>								
<i>Explanation : No Heat Or Ac</i>								
Main Drive System Generic	100%	Now	\$60,800	2028	\$1,216,300	2	\$179,600	
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Drive Machinery</i>								
<i>Explanation : Bridge Could Not Be Operated. Some Corrosion. Some Rack Nuts Not Seated.</i>								
Structural Bearings Generic	100%	0-2	\$50,800	2028	\$127,100			
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Rest Piers</i>								
<i>Explanation : Grout Pads Are Deteriorating</i>								
Traffic Devices								
Barrier Gate	100%	Now	\$8,500	2028	\$426,400			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : One Missing Gate Arm Buffer Stand. Some Corrosion</i>								
Warning Gate	100%	Now	\$2,200	2028	\$107,700			
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Warning Gates</i>								
<i>Explanation : One Missing Gate Arm Buffer Stand. Some Corrosion</i>								

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL  
**Address** : SMITH STREET AND 2ND. AVENUE  
**Borough** : BROOKLYN **Agency's Number** : N/A  
**Program / Asset #** : DOT0149.000 / 13512 **Yr Built/Renovated** : 1999 /  
**Area Sq Ft** : 4,800 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 17-Apr-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240240

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Mechanical	\$528,700	
<b>Total</b>	<b>\$528,700</b>	
Importance Code B	\$528,700	
<b>Total</b>	<b>\$528,700</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$10,000	\$6,800	\$100	
Bridge Electrical	\$95,300	\$70,500		
Bridge Mechanical	\$102,500			
<b>Total</b>	<b>\$207,800</b>	<b>\$77,300</b>	<b>\$100</b>	
Importance Code A	\$1,200		\$100	
Importance Code B	\$197,800	\$70,500		
Importance Code C	\$8,800	\$6,800		
<b>Total</b>	<b>\$207,800</b>	<b>\$77,300</b>	<b>\$100</b>	



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**DEPARTMENT OF TRANSPORTATION - 841**  
**NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL**  
**Asset # : 13512**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
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	\$8,800	2038	**			
		<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 15%</i>						
		<i>Location : South Of Pier 1</i>						
		<i>Rotted, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : South Of Pier 1</i>						
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%			LIFE	**			
		<i>Split/Dry/Cracked, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Timber Protection At Begin Vertical Lift Pier</i>						
Approaches								
Pavement								
Concrete	100%			2045	**	4	\$20,300	
		<i>Cracks, Extent : Moderate, Area Affected : 2%</i>						
		<i>Location : Beginning And End Approaches</i>						
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Sidewalks								
Concrete	100%			LIFE	**			
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%			LIFE	**			
Railings/Parapets								
Steel	100%	4+	\$1,200	LIFE	**	2-8	\$3,500	
		<i>Missing Fastenings, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Span 2, North Railing, 2nd Railing From The Bottom At The Northwest Corner - Missing Bolt.</i>						
Sidewalks								
Concrete	100%			2040	**	5		
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Spans 1 And 3</i>						
		<i>Explanation : Sidewalk Is In Good Condition</i>						
Wearing Surface								
Asphalt	100%			2035	**	5		
Superstructure								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL**

**Asset # : 13512**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Superstructure								
Primary Member Concrete	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Spans 1 And 3</i> <i>Explanation : Concrete Deck</i>								
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								
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	\$24,600	2025	\$41,100			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : Entire Bridge</i> <i>Explanation : CCTV, Fire Alarm, Security System, Public Address Not Functioning</i>								
Control System Electrical								
Computer PLC	100%	Now	\$17,600	2025	\$29,400			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : Electrical Room</i> <i>Explanation : Bridge Operates Under Half Speed - Otherwise, It Goes Out Of Skew. East Height Indicator Broken.</i>								
Control Console Stainless Steel	100%	Now	\$10,900	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 10%</i> <i>Location : Plc User Console</i> <i>Explanation : Alarm Printer Not Functioning</i>								
Disconnect Switch Generic	100%			2050	**			
Limit Switch Generic	100%			2050	**			
Electrical Power								
Transfer Switch Auto	100%	Now	\$4,700	2047	**			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i> <i>Location : Electrical Room</i> <i>Explanation : Transfer Switch Not Working, Only Stays On Primary Power.</i>								
Heating Generic	100%			2050	**			

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**DEPARTMENT OF TRANSPORTATION - 841**  
**NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL**  
**Asset # : 13512**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Electrical Power								
Dist Equip & Motor Controll								
Generic	10%	Now	\$26,200	2047		**		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bridge Control System/ Motor Controllers</i>								
<i>Explanation : Bridge Operators Are Told To Run Bridge In Reduced Speed To Avoid Skew And Not To Fully Open To Avoid Skew</i>								
Generic	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	\$11,300	2035		**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Light Fixtures Throughout Bridge</i>								
<i>Explanation : Light Bulbs Out</i>								

<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Vertical Lift								
Counter Weight Ropes & Gui								
Generic	100%	Now	\$50,300	2065		**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Counter Weight Ropes And Guides</i>								
<i>Explanation : Live Load Noted In One Of The Corners. Live Load Bearings May Require Adjustment. Minor Corrosion On Guide Fasteners.</i>								
Counter Weight								
Main CTRWT	100%			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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Emergency Drive Emergency Power	100%			2058		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i> <i>Location : Machine Rooms And At Roadway Level</i> <i>Explanation : System Not Tested. Should Be Tested Periodically.</i>								
End Locks								
With Motor	100%	Now	\$69,200	2058		**		
<i>Other Observation, Extent : Severe, Area Affected : 40%</i> <i>Location : Lock Machinery</i> <i>Explanation : No Operation Observed. Some Reducers Low On Oil. Some Adjustments May Be Required. Minor Corrosion.</i>								
Houses								
Access Ways	100%	Now	\$15,000	2043		**		
<i>Other Observation, Extent : Moderate, Area Affected : 1%</i> <i>Location : Span Lock Access</i> <i>Explanation : Some Hatches Reported To Be Difficult To Open And Need Repair.</i>								
Control House	100%	Now	\$40,500	2065		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Control House</i> <i>Explanation : Signs Of Leaking Roof.</i>								
HVAC	100%			2058		**		
Machinery Room	100%	Now	\$75,200	2065		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Machine Rooms</i> <i>Explanation : Signs Of Leaking Ceiling.</i>								
Main Drive System								
Generic	100%	Now	\$334,000	2065		**		
<i>Other Observation, Extent : Severe, Area Affected : 10%</i> <i>Location : Machine Rooms</i> <i>Explanation : No Operation Observed. Minor Lubricant Leakage. Brake Covers Removed. Skew Control Needs Repair.</i>								
Sheaves								
Generic	5%	Now	\$9,600	2065		**		
<i>Other Observation, Extent : Light, Area Affected : 3%</i> <i>Location : Sheave Rooms</i> <i>Explanation : Missing Purge Plug Noted At One Location. Movement At One Location Under Live Load.</i>								
Generic	95%			2065		**		

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**DEPARTMENT OF TRANSPORTATION - 841**  
**NINTH STREET BRIDGE NINTH ST. BRIDGE/GOWANUS CANAL**

**Asset # : 13512**

<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Vertical Lift								
Traffic Devices								
	Barrier Gate	100%	Now	\$23,700	2039		* *	
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : No Operation Observed. Guy Wires Hardware Needs Repair.</i>								
	Warning Gate	100%	Now	\$13,600	2039		* *	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Warning Gate</i>								
<i>Explanation : No Operation Observed. Broken Door Hardware Noted. Some Arms Need Adjustment.</i>								

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 20-Apr-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240200

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$13,038,400	\$1,307,300
Bridge Electrical	\$2,079,200	\$1,436,900
Bridge Mechanical	\$1,679,100	
<b>Total</b>	<b>\$16,796,600</b>	<b>\$2,744,200</b>
Importance Code A	\$12,795,700	\$259,900
Importance Code B	\$4,001,000	\$1,436,900
Importance Code C		\$1,047,400
<b>Total</b>	<b>\$16,796,600</b>	<b>\$2,744,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$79,400		\$8,600	\$9,800
Bridge Electrical	\$148,100	\$1,300	\$1,300	\$2,800
Bridge Mechanical	\$73,500			
<b>Total</b>	<b>\$301,000</b>	<b>\$1,300</b>	<b>\$9,900</b>	<b>\$12,700</b>
Importance Code A	\$18,400		\$8,600	
Importance Code B	\$258,700	\$1,300	\$1,300	\$2,800
Importance Code C	\$23,900			\$9,800
<b>Total</b>	<b>\$301,000</b>	<b>\$1,300</b>	<b>\$9,900</b>	<b>\$12,700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**  
**Asset # : 2469**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : End Abutment</i>								
<i>Explanation : Earth In Front Of Abutment At Low Tide.</i>								
Riprap	100%			LIFE			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Both Abutments</i>								
<i>Explanation : Rip Rap At Begin Abutment And At Corners Of The End Abutment.</i>								
Stem (breastwall)								
Masonry: Granite	100%			LIFE			**	
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Riprap	100%			LIFE			**	
<i>Settlement, Extent : Light, Area Affected : 1%</i>								
<i>Location : Beginning Right Wingwall</i>								
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE			**	
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			**	
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%	4+	\$27,000	LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Pier 3</i>								
<i>Explanation : Missing And Loose Timber Planks</i>								
Approaches								
Pavement								
Asphalt	100%	2-4	\$3,700	2030	\$187,300	4	\$5,400	
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Both Beginning And End Approaches</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Begin Approach - Northbound Lanes</i>								
Curbs								
Concrete w/ Steel Face	100%			LIFE			**	

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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**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**

**Asset # : 2469**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE		**		
<i>Other Observation, Extent : Severe, Area Affected : 5%</i> <i>Location : Begin-right, End-left And End-right Approaches</i> <i>Explanation : Light Pole Bases Exhibit Open Or Missing Covers With Exposed Wires At The Base At Three Locations Accessible To Pedestrians.</i>								
Stone Rough Work	100%			LIFE		**		
Guide Railing								
Steel	100%	Now	\$10,200	LIFE		**	2-8	\$5,800
<i>Damaged Railing, Extent : Severe, Area Affected : 5%</i> <i>Location : End Left Approach 100' From Bridge</i>								
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Riprap	100%			LIFE		**		
Sidewalks								
Concrete	100%	Now	\$3,700	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Begin And End Approaches</i> <i>Other Observation, Extent : Severe, Area Affected : 5%</i> <i>Location : Begin Right Approach Sidewalk 100' From Bridge</i> <i>Explanation : Approach Sidewalk Is Undermined For 3 Feet L x 2 Feet H x Up To 4 Feet Deep And Adjacent Guiderail Post Base Is Exposed.</i>								
Piers								
Stem,Solid Pier								
Concrete	100%	4+	\$114,700	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 15%</i> <i>Location : Piers 1, 2, 3, 4, 5 And 6</i> <i>Delaminations, Extent : Light, Area Affected : 25%</i> <i>Location : Piers 1, 2, 3, 4, 5 And 6</i> <i>Spalling, Extent : Light, Area Affected : 5%</i> <i>Location : Piers 1, 2, 3, 4, 5 And 6</i>								
Granite	100%	4+	\$128,000	LIFE		**		
<i>Joints Missing, Extent : Moderate, Area Affected : 50%</i> <i>Location : Piers 1, 2, 3, 4, 5, And 6</i>								
Footings								
Concrete	100%	4+	\$10,200	LIFE		**		
<i>Spalling, Extent : Moderate, Area Affected : 15%</i> <i>Location : Piers 1, 2, 3, 4</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Deck Elements								
Curbs								
Concrete w/ Steel Face	100%	4+	\$7,900	LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Span 4 Right Curb</i> <i>Explanation : Right Curb Steel Face Is Misaligned At Pier 4 For 10 Feet</i>								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**  
**Asset # : 2469**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Guide Railing								
Concrete	95%			2037		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Spans 1 Through 3 And 5 Through 7</i>							
	<i>Explanation : Concrete Barrier On The Bridge, Left Side Only</i>							
Concrete	5%	4+	\$300	2037		**		
	<i>Spalling, Extent : Severe, Area Affected : 5%</i>							
	<i>Location : Spans 2, 5, And 6</i>							
<b>Railings/Parapets</b>								
Concrete	90%	4+	\$63,100	2035		**	4	\$25,400
	<i>Other Observation, Extent : Light, Area Affected : 100%</i>							
	<i>Location : Spans 1 Through 3 And 5 Through 7.</i>							
	<i>Explanation : Right Side Of Bridge.</i>							
Concrete	10%	4+	\$14,000	2035		**	4	\$25,400
	<i>Spalling, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Spans 1 Through 3, And 5 Through 7</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 1%</i>							
	<i>Location : Right Parapet</i>							
	<i>Explanation : Light Pole Installed At Right Parapet Exhibits An Open Access Cover Accessible By Pedestrians.</i>							
<b>Sidewalks</b>								
Concrete	90%			2032	\$599,100	5		\$19,700
Concrete	10%	0-2	\$6,700	2032	\$66,600	5		\$9,800
	<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Spans 1 Through 3 And 5 Through 7 Fascias</i>							
	<i>Other Observation, Extent : Light, Area Affected : 25%</i>							
	<i>Location : Span 4- South Sidewalk</i>							
	<i>Explanation : 6 Inch Gap Between Sidewalk And Southwest Bridge Operator House Can Pose As A Potential Tripping Hazard.</i>							
<b>Wearing Surface</b>								
Asphalt	100%	Now	\$9,700	2030	\$194,500	5		\$15,400
	<i>Cracks, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Transverse Cracks At Spans 1 Through 3 And 5 Through 7</i>							
	<i>Spalling, Extent : Severe, Area Affected : 2%</i>							
	<i>Location : Spans 2, 3, 6</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 4%</i>							
	<i>Location : Piers 2 And 3, Left Side And Span 7</i>							
	<i>Explanation : Pavement Settlement Around Drainage Scupper At Piers 2 And 3. Uneven Riding Surface And Upheaving In Span 7.</i>							
Steel Grating	100%			LIFE		**	5	\$11,500
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Span 4</i>							
	<i>Explanation : Steel Grating In Bascule Span 4.</i>							

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**DEPARTMENT OF TRANSPORTATION - 841  
PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**

**Asset # : 2469**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Scupper								
Cast Iron	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Spans 2, 3, 5 &amp; 6 ( Both Sides )</i>							
	<i>Explanation : 8 Scuppers</i>							
Superstructure								
Joints								
Steel	100%			LIFE		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Piers 3 And 4</i>							
	<i>Explanation : Open Expansion Joints</i>							
Primary Member								
Concrete	100%	2-4	\$2,930,200	LIFE		**	5	\$175,500
	<i>Cracks, Extent : Moderate, Area Affected : 35%</i>							
	<i>Location : Spans 1, 2, 3, 5, 6, And 7</i>							
	<i>Delaminations, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Spans 1, 2, 3, 5, 6, And 7</i>							
	<i>Spalling, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Spans 1, 2, 3, 5, 6, And 7</i>							
Steel	100%	4+	\$2,525,100	LIFE		**	2-8	\$157,700
	<i>Corrosion, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Exposed Steel Truss In Random Spans.</i>							
Movable Bridges								
Bascule Span								
Steel	100%	Now	\$5,198,700	LIFE		**		
	<i>Other Observation, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Span 4</i>							
	<i>Explanation : Corrosion Holes, Section Losses At Several Members Of The Primary And Secondary Members. 1-1/2 Inch Differential At Sidewalk Bascule Span Joint At Midspan Poses As A Tripping Haza</i>							
Bascule Span Pier								
Concrete	100%	0-2	\$2,064,600	LIFE		**		
	<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : Piers 3 And 4</i>							
	<i>Explanation : Pier Wall Supporting Truss Members Is Cracking And Spalling With Exposed Rebars.</i>							

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Air Horn								
Generic	100%	Now	\$2,500	2034		**		
	<i>Malfunctioning, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Control Room</i>							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**

**Asset # : 2469**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Communications								
Generic	100%	Now	\$41,100	2032	\$41,100			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : System Wide</i>								
<i>Explanation : The Circuits In The Submarine Cable Utilized By This Equipment Have Been Utilized For Another System.</i>								
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$43,600	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Control Desk</i>								
<i>Explanation : Automatic Seating Is Not Functioning. Must Be Manually Controlled. Several Pilot Lights Not Operational. Position Meter Not Operational.</i>								
Disconnect Switch								
Generic	100%			2037		**		
Limit Switch								
Generic	100%	Now	\$21,300	2045		**		
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Southeast Tail Lock; Northeast Tail Lock</i>								
<i>Explanation : Tail Lock Limit Switches Not Functioning Hand Crank Safety Switch Disabled</i>								
Electrical Power								
Transformer								
Dry	100%			2049		**		
Dist Equip & Motor Controll								
Generic	100%	2-4	\$204,700	2045		**		
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Control House</i>								
<i>Explanation : Panelboards Reaching Useful Life</i>								
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2036		**		
Raceway								
Submarine Control Cables								
Generic	100%	Now	\$971,800	2037		**		
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Submarine Cable</i>								
<i>Explanation : Submarine Cable Conductors Are Nearing The End Of Their Useful Life.</i>								
Wiring								
Generic	100%	Now	\$482,100	2030	\$1,205,300			
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Counterweight Pits</i>								
<i>Explanation : Conduit And Conduit Supports Are Corroded. Junction Boxes And Pull Boxes Are Missing Covers.</i>								
Stand-by Power								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**

**Asset # : 2469**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Stand-by Power  
Generator  
Diesel

100% Now \$420,500 2052 \* \*  
*Other Observation, Extent : Severe, Area Affected : 100%*  
*Location : Southwest Machinery Room Area*  
*Explanation : Generator Has Failed*

Lighting  
Lighting Devices  
Generic

100% Now \$38,400 2030 \$95,900  
*Other Observation, Extent : Moderate, Area Affected : 25%*  
*Location : Toe Of Both Spans, Various Locations Throughout.*  
*Explanation : Southeast Navigation Light Broken. Service Lighting Needs Relamping At Various Locations. Some Fixtures Not Operational.*

Main Drive  
Motor Controller  
Thyristor Drive

100% 2032 \$135,800 1-5 \$15,900

<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	

Bascule  
Counter Weight  
Generic

100% 0-2 \$246,500 2047 \* \*  
*Corrosion, Extent : Severe, Area Affected : 30%*  
*Location : Steel At North And South Counterweights.*

Emergency Drive  
Emergency Power

100% Now \$55,400 2047 \* \*  
*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : Emergency Generator*  
*Explanation : No Operation On Emergency Power Observed. Possible Exhaust Leak.*

Fuel Tanks  
Generic

100% 2-4 \$3,400 2037 \* \*  
*Other Observation, Extent : Moderate, Area Affected : 50%*  
*Location : Southwest Corner*  
*Explanation : Generator Fuel Tank Shows Moderate Surface Rusting. Tank Is Empty*

Houses  
Control House

100% Now \$32,200 2047 \* \*  
*Broken/Missing Elements, Extent : Light, Area Affected : 5%*  
*Location : Throughout Control And Tenders House*  
*Other Observation, Extent : Light, Area Affected : 5%*  
*Location : Throughout Control And Tenders House*  
*Explanation : There Are Some Window And Roof Leaks. Water Main Needs Repair. Exposed Electrical Throughout*

HVAC

100% 2035 \* \*

Machinery Room

100% Now \$17,600 2047 \* \*  
*Other Observation, Extent : Moderate, Area Affected : 10%*  
*Location : Machinery Room*  
*Explanation : Corroded Grating. Ladders To Rack And Pinion Corroded.*

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**  
**Asset # : 2469**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Bascule								
Lock Bars								
With Motor	100%	Now	\$52,500	2035		**		
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Lock Bars On Pier</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Lock Bars On Pier</i>								
<i>Explanation : Torn Protective Covers. Receiver Grout Pads Are Deteriorating. Span Lock Assemblies Are Wrapped In Plastic.</i>								
Without Motor	100%	Now	\$52,500	2035		**		
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Throughout Jaw And Pin Locks.</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Jaw And Pin Locks</i>								
<i>Explanation : Automatic Engagement Not Functioning. Needs To Be Manually Engaged.</i>								
Main Drive System								
Generic	100%	Now	\$645,200	2047		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout South And North Machine Rooms</i>								
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout South And North Machine Rooms</i>								
<i>Lubrication Issue, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Throughout South And North Machine Rooms</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : South And North Machine Rooms</i>								
<i>Explanation : Misaligned Couplings. Limit Switch Has Fallen Off Support.</i>								
Rack								
Generic	100%	Now	\$20,300	2047		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Mounting Bolt At Southeast Rack</i>								
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Debris Shields At Southeast Rack</i>								
Structural Bearings								
Generic	100%	Now	\$65,000	2035		**		
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Forward Live Load Bearings</i>								
<i>Improper Bearing, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Forward Live Load Bearings</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Forward Live Load Bearings</i>								
<i>Explanation : Some Movement And Adjustment May Be Necessary Of Anchor Bolts.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PELHAM BRIDGE SHORE ROAD/HUTCHINSON RIVER**

**Asset # : 2469**

Bridge Mechanical	Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Bascule Track Generic	100%	4+	\$135,500	2047			* *
	<i>Corrosion, Extent : Light, Area Affected : 20%</i>						
	<i>Location : Bolts On Tracks</i>						
	<i>Lubrication Issue, Extent : Light, Area Affected : 20%</i>						
	<i>Location : Pintles And Tracks</i>						
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>						
	<i>Location : Tracks</i>						
	<i>Explanation : Paint Failure On Some Bolts.</i>						
Traffic Devices Barrier Gate	100%	Now	\$237,300	2035			* *
	<i>Broken/Missing Elements, Extent : Light, Area Affected : 30%</i>						
	<i>Location : Barrier Gates</i>						
	<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
	<i>Location : Northeast Gate</i>						
	<i>Explanation : Northeast Barrier Gate Lights Do Not Work.</i>						
	<i>Other Observation, Extent : Severe, Area Affected : 30%</i>						
	<i>Location : Barrier Gates</i>						
	<i>Explanation : Adjustments Required. Some Latches Do Not Function, Crack In Arms.</i>						
Signals	100%	Now	\$100,800	2035			* *
	<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>						
	<i>Location : South Approach</i>						
	<i>Explanation : Traffic Signals Do Not Operate On Green.</i>						
Warning Gate	100%	Now	\$88,300	2035			* *
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>						
	<i>Location : Warning Gates</i>						
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>						
	<i>Location : Warning Gates</i>						
	<i>Explanation : Some Gate Heights Need Adjustment. Some Open Holes. One Gate Not Working.</i>						

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK  
 Address : NEWTOWN 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 : 29-Apr-2021 Landmark Status : NONE  
 Areas Surveyed :  
 Block : Lot : BIN : 2240639

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$2,355,700	\$2,835,700
Bridge Electrical	\$157,700	\$396,500
Bridge Mechanical	\$3,535,500	
<b>Total</b>	<b>\$6,048,900</b>	<b>\$3,232,200</b>
Importance Code A	\$1,008,100	\$1,214,800
Importance Code B	\$4,601,900	\$1,616,800
Importance Code C	\$438,900	\$400,600
<b>Total</b>	<b>\$6,048,900</b>	<b>\$3,232,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$59,600	\$2,300	\$231,100	\$23,600
Bridge Electrical	\$66,500	\$10,700	\$10,700	\$10,700
Bridge Mechanical	\$73,800		\$116,700	
<b>Total</b>	<b>\$199,900</b>	<b>\$13,000</b>	<b>\$358,600</b>	<b>\$34,300</b>
Importance Code A		\$2,300	\$108,700	
Importance Code B	\$158,100	\$10,700	\$249,900	\$10,700
Importance Code C	\$41,800			\$23,600
<b>Total</b>	<b>\$199,900</b>	<b>\$13,000</b>	<b>\$358,600</b>	<b>\$34,300</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**

**Asset # : 2476**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
Bridge Seat&pedestals Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Beginning And End Abutments</i>							
	<i>Explanation : Enclosed Cell And Access Door Is Locked.</i>							
<hr/>								
Backwall Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Beginning And End Abutments</i>							
	<i>Explanation : Enclosed Cell And Access Door Is Locked.</i>							
<hr/>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Beginning And End Abutments</i>							
	<i>Explanation : Enclosed Cell And Access Door Is Locked.</i>							
<hr/>								
Footings Not Accessible	100%							
<hr/>								
Joint with Deck Composite	50%	2-4	\$5,100	LIFE			**	
	<i>Leakage, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Beginning And End Abutment Joints</i>							
<hr/>								
Composite	50%	Now	\$12,700	LIFE			**	
	<i>Cracks, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Beginning And End Abutments</i>							
	<i>Leakage, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Beginning And End Abutments</i>							
<hr/>								
Mat (scour & erosion) Not Accessible	100%							
<hr/>								
Pedestals Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Beginning And End Abutments</i>							
	<i>Explanation : Enclosed Cell And Access Door Is Locked.</i>							
<hr/>								
Stem (breastwall) Not Accessible	100%							
	<i>Other Observation, Extent : Light, Area Affected : 0%</i>							
	<i>Location : Beginning And End Abutments</i>							
	<i>Explanation : Enclosed Cell And Access Door Is Locked.</i>							
<hr/>								
<b>Wingwalls</b>								
Footings Not Accessible	100%							
<hr/>								
Piles Not Accessible	100%							
<hr/>								

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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**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**  
**Asset # : 2476**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Wingwalls								
Walls								
Concrete	95%			LIFE				**
Concrete	5%	4+	\$220,100	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : End Abutment</i>								
Feature Crossed								
Bank Protection								
Concrete	100%			LIFE				**
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Under Span 27</i>								
<i>Explanation : Not Accessible</i>								
Timber	100%			2037				**
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Bank Protection Under Spans 25 And 27.</i>								
<i>Explanation : Minor Cracking</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	25%			LIFE				**
<i>Other Observation, Extent : N/A, Area Affected : 25%</i>								
<i>Location : Bascule Piers 25 And 26</i>								
<i>Explanation : East Side 2 Of 4 Dolphin Clusters Are New</i>								
Timber	75%			LIFE				**
<i>Split/Dry/Cracked, Extent : Light, Area Affected : 2%</i>								
<i>Location : Bascule Piers 26 And 27</i>								
Approaches								
Pavement								
Asphalt	100%	0-2	\$40,100	2033	\$400,600	4	\$11,500	
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : End Approach</i>								
<i>Explanation : Pavement Shoving And Rutting</i>								
Concrete	100%			2041				**
Guide Railing								
Concrete	100%			2041				**
Pavement Base								
Not Accessible	100%							
Sidewalks								
Concrete	100%	4+	\$1,500	LIFE				**
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : End Approach</i>								
Scupper								
Ductile Iron	100%			LIFE				**
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Beginning Approach Has 6 Scuppers And The End Approach Has 1 Scupper</i>								
<i>Explanation : Total Of 7 Scuppers</i>								
Piers								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**  
**Asset # : 2476**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Cap Beam								
Concrete	100%	4+	\$307,900	LIFE		**		
	<i>Spalling, Extent : Light, Area Affected : 10%</i> <i>Location : Piers 1,4,6,7,16,34,35,36,37,42 And 43.</i>							
Steel	100%			LIFE		**	2-8	
<b>Pier,Columns</b>								
Concrete	50%			LIFE		**		
Concrete	50%	2-4	\$332,800	LIFE		**		
	<i>Cracks, Extent : Moderate, Area Affected : 20%</i> <i>Location : Piers 19 Through 24 And 27 Through 30 And 33</i> <i>Delaminations, Extent : Moderate, Area Affected : 25%</i> <i>Location : Piers 19 - 24 And 27-30</i> <i>Efflorescence, Extent : Moderate, Area Affected : 10%</i> <i>Location : Piers 19 - 24 And 27-30</i>							
Steel	100%			LIFE		**	2-8	\$461,600
<b>Stem,Solid Pier</b>								
Concrete	80%			LIFE		**		
Concrete	20%	4+	\$174,200	LIFE		**		
	<i>Cracks, Extent : Moderate, Area Affected : 25%</i> <i>Location : Piers 1, 9, 18, 25, 36, And 40.</i> <i>Spalling, Extent : Moderate, Area Affected : 10%</i> <i>Location : Piers 1, 9, 18, 25, 36, And 40.</i>							
<b>Brngs,Ancr Blts,Pads</b>								
Elastomeric	100%			2052		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Piers 1-18, 33-36 And 39-43.</i> <i>Explanation : Elastomeric Bearings</i>							
Steel	100%			LIFE		**	2-8	\$49,400
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Piers 31 And 32.</i> <i>Explanation : Fixed Steel Bearings</i>							
Multi-Rotational Bearing	100%			2060		**		
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i> <i>Location : Piers 19-24, 27-30 And 33.</i> <i>Explanation : Pot Bearings</i>							
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**  
**Asset # : 2476**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Pedestals								
Concrete	100%	2-4	\$182,700	LIFE		**		
<i>Cracks, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Piers 8, 25, 39 And 40.</i>								
<i>Delaminations, Extent : Light, Area Affected : 2%</i>								
<i>Location : Piers 8, 25, 39 And 40.</i>								
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Piers 25, 39 And 40.</i>								
<hr/>								
Piles								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								
Guide Railing								
Concrete	100%			2045		**		
<hr/>								
Median								
Concrete	100%			LIFE		**	5	\$75,600
<hr/>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$8,000
<hr/>								
Sidewalks								
Concrete	100%			2037		**	5	\$41,100
<hr/>								
Wearing Surface								
Concrete	5%	Now	\$100	2041		**	5	\$3,000
<i>Spalling, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Spans 32 And 40 Southbound Roadway</i>								
Concrete	5%	2-4	\$100	2041		**	5	\$3,000
<i>Cracks, Extent : Moderate, Area Affected : 3%</i>								
<i>Location : Spans 19 Northbound And 21, 23, 31 Southbound Roadway</i>								
<i>Delaminations, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Spans 19 Northbound And 21, 23 Southbound Roadway</i>								
Concrete	90%			2047		**	5	\$6,000
<hr/>								
Scupper								
Ductile Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Spans 9, 19 To 24, 26 To 28 And 33, 40.</i>								
<i>Explanation : 24 Scuppers Located Between Piers 8 To 40.</i>								
<hr/>								
<b>Superstructure</b>								
Deck, Structural								
Concrete	100%	4+	\$423,700	LIFE		**	5	\$79,200
<i>Cracks, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Spans 25 And 27</i>								
Grating w/ Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 2%</i>								
<i>Location : Span 26</i>								
<i>Explanation : Worn Wearing Surface</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**  
**Asset # : 2476**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Joints								
Composite	85%	0-2	\$116,300	LIFE	**	4	\$841,100	
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Piers 8, 12, 15, 18, 19, 20, 27 And 36</i>								
<i>Explanation : Water Leakage Noted Below Joints</i>								
Composite	15%	Now	\$102,600	LIFE	**	4	\$841,100	
<i>Leakage, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Piers 2, 5, 9, 33, 39, 40 And 43</i>								
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Piers 2, 5, 9, 33, 39, 40 And 43</i>								
<i>Explanation : Torn And Cracked Sealer</i>								
Primary Member								
Prestressed Concrete Box Beam	100%			LIFE	**			
Steel	100%			LIFE	**	2-8	\$1,979,800	
Secondary Member								
Steel	100%	Now	\$219,000	LIFE	**	2-8	\$1,658,400	
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Span 30</i>								
<i>Explanation : Cross Bracing Missing 4 Of 4 Connection Rivets.</i>								
Movable Bridges								
Bascule Span								
Steel	90%			LIFE	**			
Steel	10%	4+	\$189,700	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Piers 25 And 26</i>								
<i>Explanation : Steel Towers Exhibit Corrosion.</i>								
Bascule Span Pier								
Concrete	90%			LIFE	**			
Concrete	10%	0-2	\$86,800	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Bascule Piers 25 And 26</i>								
<i>Explanation : Median Stringers 6 And 7 Pedestal Exhibit Spalls With Exposed Anchor Bolts.</i>								

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Communication Electrical								
Air Horn								
Generic	100%	Now	\$2,500	2034	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Control Room</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**  
**Asset # : 2476**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Intercom								
Generic	100%	Now	\$63,000	2032	\$63,000			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Random Throughout Bridge</i>								
<i>Explanation : Intercom System Not Functioning</i>								
Telephone								
Desk Top	100%			2030				
Jack								
Telephone	100%			2030				
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$94,700	LIFE		**		
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Control Desk Span Position Meters Not Functioning</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Control Room</i>								
<i>Explanation : Select Pilot Lights Not Operating. Master Switch Labeling Reversed.</i>								
Control Devices								
Relay	80%			2037		**		
Relay	20%			2045		**		
Disconnect Switch								
Non Fused	100%			2030		1	\$49,400	
Limit Switch								
Generic	70%	Now	\$14,700	2045		**		
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Southwest Seated Switch</i>								
<i>Explanation : Southwest Fully Seated Switch Is Failed</i>								
<i>Rotary Cam Limit Switches Decoupled</i>								
Generic	30%			2045		**		
Drive								
Machinery Brake								
Thruster	100%			2042		**	1	\$2,300
Motor Brake								
Thruster	100%			2042		**	1	\$2,300
Span Lock Motor								
Generic	100%			2042		**	1	\$2,300
Electrical Power								
MCC								
Starter	100%			2030				
Contactors	75%			2030				
Contactors	25%			2045		**		
Motor Circuit Protector	100%			2030	\$21,600	1	\$4,500	
Panelboard								
Circuit Breaker	100%			2037		**	1	\$13,500
Service Equipment								
Fused Disc Switch	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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Electrical Power								
Transfer Switch								
Auto	100%	Now	\$30,100	2045			**	
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Bridge House</i>								
<i>Explanation : Transfer Switch Not Functioning</i>								
Ground/Lightning Protection								
Ground Bus								
Not Accessible	100%							
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2033				
Not Accessible	100%							
Raceway								
Box								
Pull Junction	100%			2032		1	\$13,500	
Terminal	100%			2032		1	\$4,500	
Conduit								
Metal	50%			2047			**	
Metal	50%			2047			**	
Submarine Control Cables								
Control	100%			2030				
Submarine Power Cable								
Power	100%			2030				
Wires								
Cloth	100%			2031	\$210,600			
Thermoplastic	100%			2045			**	
Span Lock								
Motor								
Squirrel Cage	100%			2035			**	
Lighting								
Lighting Devices								
Generic	85%			2033	\$104,400			
Generic	5%	4+	\$3,100	2033	\$6,100			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout Bridge</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout Bridge</i>								
<i>Explanation : HID Service Lighting Fixtures Not Working</i>								
Generic	5%	4+	\$3,100	2033	\$6,100			
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Incandescent Service Lighting Fixtures Not Working</i>								
Generic	5%	Now	\$1,200	2033	\$6,100			
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations Throughout Bridge</i>								
<i>Explanation : Switches Broken Or Wiring Devices Hanging Out Of Box.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841  
PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**

**Asset # : 2476**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

## Main Drive

## Motor Controller

## Drum Controller

100% Now \$2,800 2047 \* \* 1 \$13,800

*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Control Room*

*Explanation : Labels For Raise/lower Are Reversed*

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	

## Bascule

## Counter Weight

## Generic

100% Now \$128,600 2047 \* \* 2 \$71,800

*Other Observation, Extent : Light, Area Affected : 5%*

*Location : Counterweights*

*Explanation : Some Open Pockets, One Bumper Block Is Damaged*

## Emergency Drive

## Emergency Power

100% Now \$135,400 2047 \* \* 2 \$143,700

*Corrosion, Extent : Severe, Area Affected : 100%*

*Location : Throughout Machine Rooms*

*Other Observation, Extent : Severe, Area Affected : 100%*

*Location : Machine Rooms*

*Explanation : Operation Of System Could Not Be Performed.*

## Fuel Tanks

## Generic

100% Now \$200 2037 \* \*

*Other Observation, Extent : Light, Area Affected : 2%*

*Location : Control House*

*Explanation : Reported No Longer Used*

## Houses

## Access Ways

100% Now \$30,200 2035 \* \*

*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 \$118,400 2047 \* \*

*Broken/Missing Elements, Extent : Moderate, Area Affected : 20%*

*Location : Doors And Windows Throughout Control House*

*Other Observation, Extent : Moderate, Area Affected : 20%*

*Location : Control House*

*Explanation : Heating System And Plumbing Needs Work. Co Detectors Missing Or Not Working. Exposed Electrical Throughout*

## Machinery Room

100% Now \$81,600 2047 \* \*

*Broken/Missing Elements, Extent : Light, Area Affected : 20%*

*Location : Doors And Enclosure Panels Throughout Machine Rooms*

*Other Observation, Extent : Light, Area Affected : 20%*

*Location : Machine Rooms*

*Explanation : Some Water And Oil On Floor. Bowed Down Step.*

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

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**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**

**Asset # : 2476**

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Bascule								
Lock Bars								
With Motor	100%	Now	\$329,900	2035	**	2	\$35,900	
	<i>Broken/Missing Elements, Extent : Severe, Area Affected : 35%</i>							
	<i>Location : Lock Bars</i>							
	<i>Corrosion, Extent : Severe, Area Affected : 35%</i>							
	<i>Location : Lock Bars</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 35%</i>							
	<i>Location : Lock Bars</i>							
	<i>Explanation : Lockbar Clearances Need To Be Reduced. Leakage, One Span Lock Limit Switch Missing Cover.</i>							
Main Drive System								
Generic	100%	Now	\$529,600	2035	**	2	\$215,500	
	<i>Corrosion, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Machine Rooms</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : Machine Rooms</i>							
	<i>Explanation : Minor Leaks. Disconnected Limit Switch Coupling. Gearbox Oil Dark Color.</i>							
Rack								
Generic	100%	Now	\$211,900	2047	**			
	<i>Corrosion, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Supports And Fasteners On Racks</i>							
Structural Bearings								
Generic	100%	Now	\$43,400	2035	**			
	<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Rear Live Load Bearings</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Rear Live Load Bearings</i>							
	<i>Explanation : Adjustments May Be Required With Lock Adjustment.</i>							
Traffic Devices								
Barrier Gate	100%	Now	\$1,466,500	2035	**			
	<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>							
	<i>Location : South Approach</i>							
	<i>Explanation : Incandescent Traffic Gate Lights Broken/Missing</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 40%</i>							
	<i>Location : North And South Approaches</i>							
	<i>Explanation : All Barrier Gates Not Functioning. Southeast Net Missing.</i>							
Warning Gate	100%	Now	\$58,900	2035	**			
	<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Warning Gates</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Warning Gates</i>							
	<i>Explanation : Guy Wire Damage, No Locks On Some Doors, Missing Fasteners.</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : North And South Approaches</i>							
	<i>Explanation : Traffic Warning Gongs Have Failed</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PULASKI BRIDGE PULASKI BRIDGE/NEWTOWN CREEK**

**Asset # : 2476**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

Bascule

Trunnion

Generic

100% Now \$474,600 2047 \* \*

*Corrosion, Extent : Moderate, Area Affected : 10%*

*Location : Trunnion Assemblies*

*Lubrication Issue, Extent : Severe, Area Affected : 10%*

*Location : Leaves On Trunnion Assemblies.*

*Other Observation, Extent : Severe, Area Affected : 10%*

*Location : Trunnion Assemblies*

*Explanation : Debris Observed On Exteriors Of Trunnion Assemblies. Noise From Leaves When Opening And Closing.*

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 25-Oct-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224007A

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$444,800	\$1,046,300
<b>Total</b>	<b>\$444,800</b>	<b>\$1,046,300</b>
Importance Code A	\$444,800	\$370,700
Importance Code B		\$265,700
Importance Code C		\$409,900
<b>Total</b>	<b>\$444,800</b>	<b>\$1,046,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$211,400		\$67,100	
<b>Total</b>	<b>\$211,400</b>		<b>\$67,100</b>	
Importance Code A	\$63,400		\$37,600	
Importance Code B	\$45,200		\$26,600	
Importance Code C	\$102,800		\$2,800	
<b>Total</b>	<b>\$211,400</b>		<b>\$67,100</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**RAMP TO MADISON AVE. BRIDGE OVER E 138TH STREET**

**Asset # : 4210**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE			**	
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
Walls								
Concrete	100%	4+	\$123,700	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Spall With Exposed Rebar At Southwest Wall At Pier</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Fascias Span 1</i>								
<i>Explanation : Under Cellular Abutment Wall</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE			**	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Both Wingwalls</i>								
<i>Explanation : Concrete Sidewalk On West Side. Asphalt Parking Lot On Other</i>								
Piles								
Not Accessible	100%							
Walls								
Concrete	8%	Now	\$22,200	LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Spalls With Exposed Rebar At Southeast Wingwall At Pier Joint, Along Southwest Wingwall, Along Top Of Southeast Wingwall Adjacent To Sidewalk</i>								
Concrete	92%			LIFE			**	
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**  
**RAMP TO MADISON AVE. BRIDGE OVER E 138TH STREET**

**Asset # : 4210**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Feature Crossed								
Pier Protection								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Cracks</i>								
Approaches								
Pavement								
Concrete	100%			2040		**	4	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Middle Of Southeast Approach</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : At End Of Concrete Approach Slabs</i>								
<i>Explanation : Asphalt Expansion Joint Between Rigid Pavement And Approach Slab</i>								
Guide Railing								
Concrete	100%	4+	\$1,900	2040		**	4	\$4,600
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE		**	2-8	
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Top Of Concrete Barrier</i>								
<i>Explanation : Steel Railing</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%			LIFE		**	5	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040		**	4	\$26,500
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout West Parapet</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : On The East Side Of The Bridge Only</i>								
<i>Explanation : Railing</i>								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Sidewalk Observed On East Side Only</i>								
Scupper								
Cast Iron	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.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**RAMP TO MADISON AVE. BRIDGE OVER E 138TH STREET**

**Asset # : 4210**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam Steel	80%	4+	\$41,300	LIFE	**	2-8	\$180,200	
	<i>Rust Stains, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Random Locations Throughout And Under Deck Joint</i>							
Steel	20%			LIFE	**	2-8	\$180,200	
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : In Between Pier 5 And Abutments</i>							
	<i>Explanation : Not Accessible</i>							
Pier,Columns								
Steel	20%			LIFE	**	2-8	\$73,300	
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Between Piers 5 And Abutment</i>							
	<i>Explanation : Not Accessible</i>							
Steel	80%	4+	\$45,200	LIFE	**	2-8	\$73,300	
	<i>Spalling, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Corrosion To Steel Protective Angles And Delamination/spall Of Concrete Cover</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Pier 2</i>							
	<i>Explanation : Joint Leaking And Water Stains</i>							
Stem,Solid Pier								
Concrete	100%			LIFE	**			
	<i>Leakage, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Both Ends At Pier 5.</i>							
	<i>Other Observation, Extent : Light, Area Affected : 20%</i>							
	<i>Location : Random Locations Throughout</i>							
	<i>Explanation : Epoxy Coating Peeling.</i>							
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051	**			
	<i>Other Observation, Extent : Light, Area Affected : 30%</i>							
	<i>Location : Piers 2 And Only.</i>							
	<i>Explanation : Bearing Present At Select Piers.</i>							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
	<i>Other Observation, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Pier 5</i>							
	<i>Explanation : Pedestals At Pier Only</i>							
Piles								
Not Accessible	100%							
Deck Elements								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RAMP TO MADISON AVE. BRIDGE OVER E 138TH STREET**

**Asset # : 4210**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Deck Elements								
Guide Railing Concrete	100%	4+	\$11,400	2044		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Top Of Concrete Barrier</i> <i>Explanation : Steel Railing</i>								
Median								
Concrete	100%			LIFE		**	5	\$3,500
<i>Cracks, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i> <i>Spalling, Extent : Light, Area Affected : 2%</i> <i>Location : On East Face Within Middle Portion</i>								
Railings/Parapets								
Concrete	100%			2040		**	4	
<i>Cracks, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout West Parapet</i>								
Steel	100%			LIFE		**	2-8	\$13,200
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : Railings Are On East Side Of Bridge</i>								
Sidewalks								
Concrete	100%			2036		**	5	\$5,600
<i>Cracks, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout Southbound Lanes</i>								
Wearing Surface								
Asphalt	100%	4+	\$34,700	2032	\$346,600		5	\$14,600
<i>Cracks, Extent : Moderate, Area Affected : 25%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Light, Area Affected : 50%</i> <i>Location : Southbound Lane</i> <i>Explanation : Asphalt Wearing Surface On One Side Of The Lane Only</i>								
Concrete	100%	4+	\$40,000	2040		**	5	\$63,300
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout</i>								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i> <i>Location : Throughout</i> <i>Explanation : 4 Scuppers</i>								
Superstructure								

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**  
**RAMP TO MADISON AVE. BRIDGE OVER E 138TH STREET**

**Asset # : 4210**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Superstructure								
Deck, Structural Concrete	100%	Now	\$321,100	LIFE	**	5	\$31,900	
<i>Cracks, Extent : Light, Area Affected : 1%</i> <i>Location : Underside In Middle Bay</i> <i>Corrosion, Extent : Severe, Area Affected : 10%</i> <i>Location : Stay In Place Forms In East And West Fascia Bays</i>								
Joints								
Generic	100%	4+	\$5,900	LIFE	**			
<i>Leakage, Extent : Light, Area Affected : 20%</i> <i>Location : Random Locations Throughout</i> <i>Other Observation, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Explanation : Joint Filler Is Depressed.</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$401,200	
<i>Corrosion, Extent : Light, Area Affected : 1%</i> <i>Location : Random Locations Throughout</i>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 24-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240350

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$93,200	\$128,200
<b>Total</b>	<b>\$93,200</b>	<b>\$128,200</b>
Importance Code A		\$35,000
Importance Code C	\$93,200	\$93,200
<b>Total</b>	<b>\$93,200</b>	<b>\$128,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$132,700		\$4,300	
<b>Total</b>	<b>\$132,700</b>		<b>\$4,300</b>	
Importance Code A	\$16,800		\$4,300	
Importance Code B	\$33,300			
Importance Code C	\$82,500			
<b>Total</b>	<b>\$132,700</b>		<b>\$4,300</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK**  
**Asset # : 13517**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
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	63%	Now	\$33,300	LIFE			**	
			<i>Missing/Damaged Seal, Extent : Light, Area Affected : 80%</i>					
			<i>Location : Both Abutments</i>					
Generic	37%			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%	4+	\$12,400	LIFE			**	
			<i>Erosion, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Begin Abutment West Side</i>					
Piles								
Not Accessible	100%							
Walls								
Concrete	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 75%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : Walls Consist Of 25 Percent Concrete, 75 Percent Not Accessible.</i>					
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE			**	
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Approaches								
Pavement								
Concrete	100%	4+	\$13,100	2041		**	4	\$32,100
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both End Approaches</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Both End Approaches</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK**  
**Asset # : 13517**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Curbs								
Concrete w/ Steel Face	9%	4+	\$5,800	LIFE		**		
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Both Approaches</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : West Side</i>								
<i>Explanation : Curbs Consist Of 50 Percent Concrete With Steel Face, 50 Percent Not Accessible Due To Construction.</i>								
Concrete w/ Steel Face	91%			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	
<i>Vegetation Growth, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2041		**	4	
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Railing On Concrete</i>								
Sidewalks								
Concrete	11%	4+	\$11,400	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : West Side</i>								
<i>Explanation : Sidewalks Consist Of 50 Percent Concrete, 50 Percent Not Accessible Due To Construction.</i>								
Concrete	89%			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**  
**RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK**  
**Asset # : 13517**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
<b>Deck Elements</b>								
Curbs								
Under Construction	100%							
Guide Railing								
Concrete	100%			2045	**			
Median								
Concrete	100%	4+	\$4,600	LIFE	**	5	\$3,400	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
Railings/Parapets								
Concrete	100%	4+	\$6,400	2041	**	4	\$800	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 50%</i>					
			<i>Location : West Side</i>					
			<i>Explanation : Not Accessible Due To Construction</i>					
Steel	100%			LIFE	**	2-8	\$12,900	
			<i>Other Observation, Extent : N/A, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Explanation : Steel Railing On Top Of Parapet; 50 Percent Not Accessible Due To Construction</i>					
Sidewalks								
Concrete	100%	4+	\$13,000	2037	**	5	\$6,700	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 50%</i>					
			<i>Location : West Side</i>					
			<i>Explanation : Sidewalks Consist Of 50 Percent Concrete, 50 Percent Not Accessible Due To Construction.</i>					
Wearing Surface								
Concrete	100%			2041	**	5	\$186,300	
			<i>Cracks, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Spalling, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RICHMOND AVENUE BRIDGE RICHMOND AVE./RICHMOND CREEK**  
**Asset # : 13517**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Scupper								
Cast Iron	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 4 Scuppers Observed On East Side, Not Accessible On West Side.</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	15%	Now	\$32,600	LIFE		**		
<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 80%</i>								
<i>Location : Throughout</i>								
Generic	85%			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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL  
**Address** : RIKERS ISL CHANNEL  
**Borough** : QUEENS **Agency's Number** : N/A  
**Program / Asset #** : DOT0052.000 / 2478 **Yr Built/Renovated** : 1966 /  
**Area Sq Ft** : 183,419 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 19-Nov-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240660

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,658,400	\$1,391,000
<b>Total</b>	<b>\$1,658,400</b>	<b>\$1,391,000</b>
Importance Code A	\$841,400	\$115,600
Importance Code B	\$85,600	
Importance Code C	\$731,300	\$1,275,400
<b>Total</b>	<b>\$1,658,400</b>	<b>\$1,391,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$48,400		\$53,500	
<b>Total</b>	<b>\$48,400</b>		<b>\$53,500</b>	
Importance Code A	\$8,800		\$12,900	
Importance Code C	\$39,500		\$40,600	
<b>Total</b>	<b>\$48,400</b>		<b>\$53,500</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL**  
**Asset # : 2478**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Abutments</b>								
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%	Now	\$85,600	LIFE			* *	
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Island Side</i>						
Generic	50%			LIFE			* *	
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Stem (breastwall)								
Not Accessible	100%							
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE			* *	
Piles								
Not Accessible	100%							
Walls								
Not Accessible	100%							
<b>Feature Crossed</b>								
Bank Protection								
Not Accessible	100%							
Mat (scour & erosion)								
Stream Bed	100%			LIFE			* *	
Pier Protection								
Not Accessible	100%							
<b>Approaches</b>								
Pavement								
Asphalt	70%			2032	\$304,200	4	\$6,800	
Asphalt	30%	2-4	\$65,200	2032	\$130,400	4	\$4,600	
		<i>Cracks, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Random Locations Throughout</i>						
		<i>Settlement, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Asphalt On Island Side</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL**  
**Asset # : 2478**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Approaches</b>								
<b>Curbs</b>								
Concrete w/ Steel Face	95%			LIFE	**			
Concrete w/ Steel Face	5%	4+	\$600	LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
<hr/>								
<b>Embankment</b>								
Earth	100%			LIFE	**			
<hr/>								
<b>Guide Railing</b>								
Concrete	100%			2040	**	4	\$3,800	
Steel	75%			LIFE	**	2-8	\$5,800	
Steel	25%	4+	\$7,000	LIFE	**	2-8	\$5,800	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
<b>Pavement Base</b>								
Not Accessible	100%							
<hr/>								
<b>Sidewalks</b>								
Concrete	90%			LIFE	**			
Concrete	10%	4+	\$4,200	LIFE	**			
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : At Top Surface</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : South Entrance</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : East Sidewalk</i>								
<i>Explanation : Water Main Utility</i>								
<hr/>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<hr/>								
<b>Piers</b>								
<b>Cap Beam</b>								
Not Accessible	100%							
<hr/>								
<b>Pier,Columns</b>								
Not Accessible	100%							
<hr/>								
<b>Stem,Solid Pier</b>								
Not Accessible	100%							
<hr/>								
<b>Brngs,Ancr Blts,Pads</b>								
Not Accessible	100%							
<hr/>								
<b>Footings</b>								
Not Accessible	100%							
<hr/>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<hr/>								
<b>Pedestals</b>								
Not Accessible	100%							
<hr/>								
<b>Piles</b>								
Not Accessible	100%							
<hr/>								
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL**

**Asset # : 2478**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Guide Railing								
Steel	80%			LIFE		**		
Steel	20%	4+	\$104,300	LIFE		**		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Mono Deck Surface								
Not Accessible	100%							
<hr/>								
Railings/Parapets								
Steel	70%			LIFE		**	2-8	\$175,900
Steel	30%	4+	\$737,100	LIFE		**	2-8	\$175,900
<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Rust Stains, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<hr/>								
Sidewalks								
Concrete	90%			2036		**	5	\$81,200
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Sidewalk</i>								
<i>Explanation : Water Main Utility</i>								
Concrete	10%	4+	\$149,700	2036		**	5	\$40,600
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Various Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : East Sidewalk</i>								
<i>Explanation : Water Main Utility</i>								
<hr/>								
Wearing Surface								
Concrete	90%			2040		**	5	\$840,900
Concrete	10%	2-4	\$96,000	2040		**	5	\$420,500
<i>Cracks, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Transverse And Map Cracking Throughout</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Random And At Deck Joints</i>								
<hr/>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
<hr/>								
Joints								
Generic	100%	2-4	\$33,000	LIFE		**		
<i>Misaligned/Bulging, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Couple Of Joints</i>								
<i>Explanation : Metal Finger Joints</i>								
<hr/>								
Primary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**RIKERS ISLAND BRIDGE RIKERS ISL BR/RIKERS ISL CHANNEL**  
**Asset # : 2478**

<b>Bridge Structure</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System Component Type</b>		<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
Superstructure									
Secondary Member									
Not Accessible		100%							

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 15-Apr-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240507

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$81,400		\$7,200	
<b>Total</b>	<b>\$81,400</b>		<b>\$7,200</b>	
Importance Code A	\$11,700		\$1,600	
Importance Code B	\$19,300			
Importance Code C	\$50,400		\$5,600	
<b>Total</b>	<b>\$81,400</b>		<b>\$7,200</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included. \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER**

**Asset # : 2573**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
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+	\$19,300	LIFE			**	
			<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 30%</i>					
			<i>Location : Both Abutments On North Side</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 50%</i>					
			<i>Location : Throughout South Side</i>					
			<i>Explanation : Under Construction</i>					
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)								
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**  
**ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER**

**Asset # : 2573**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%			2034	**	4	\$5,800	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Northwest Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout Southwest Side</i>								
<i>Explanation : Under Construction</i>								
Concrete	100%			2042	**	4	\$5,400	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On Northeast Side</i>								
<i>Recent Repair Evident, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Northeast Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout Southeast Side</i>								
<i>Explanation : Under Construction</i>								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%			2042	**	4	\$2,000	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout North Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout South Side</i>								
<i>Explanation : Under Construction</i>								
Steel	100%			LIFE	**	2-8	\$6,500	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Steel Railing On Top Of Concrete Guide Rail On North Side</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
<i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout North Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout South Side</i>								
<i>Explanation : Under Construction</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER**

**Asset # : 2573**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On North Side</i>								
<i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout North Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout South Side</i>								
<i>Explanation : Under Construction</i>								
Piers								
Cap Beam								
Not Accessible	100%							
Pier,Columns								
Not Accessible	100%							
Stem,Solid Pier								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Deck Elements								
Guide Railing								
Concrete	100%			2046		**		
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations On North Side</i>								
<i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout North Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout South Side</i>								
<i>Explanation : Under Construction</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout North Side</i>								
<i>Explanation : Steel Railing On Top Of Concrete Guide Rail</i>								
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$23,900
<i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout North Side</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout South Side</i>								
<i>Explanation : Under Construction</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT AVE. BRIDGE / VAN WYCK EXPY, FLUSHING RIVER**

**Asset # : 2573**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Sidewalks								
Concrete	100%			2038	**	5	\$47,000	
<i>Cracks, Extent : Light, Area Affected : 2%</i> <i>Location : Random Locations Throughout On North Side</i> <i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i> <i>Location : Throughout North Side</i> <i>Other Observation, Extent : N/A, Area Affected : 50%</i> <i>Location : Throughout South Side</i> <i>Explanation : Under Construction</i>								
Wearing Surface								
Asphalt	100%			2034	**	5	\$80,500	
<i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i> <i>Location : Throughout North Side</i> <i>Other Observation, Extent : N/A, Area Affected : 50%</i> <i>Location : Throughout South Side</i> <i>Explanation : Under Construction</i>								
Scupper								
Cast Iron	100%			LIFE	**			
<i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i> <i>Location : Throughout North Side</i> <i>Other Observation, Extent : N/A, Area Affected : 50%</i> <i>Location : Throughout South Side</i> <i>Explanation : Under Construction</i>								
Superstructure								
Deck, Structural								
Not Accessible	100%							
Joints								
Generic	100%	4+	\$10,200	LIFE	**			
<i>Misaligned/Bulging, Extent : Moderate, Area Affected : 5%</i> <i>Location : Random Locations Throughout</i> <i>Missing/Damaged Seal, Extent : Severe, Area Affected : 30%</i> <i>Location : Random Locations Throughout</i> <i>Recent Replace Evident, Extent : N/A, Area Affected : 50%</i> <i>Location : Throughout North Side</i> <i>Other Observation, Extent : N/A, Area Affected : 50%</i> <i>Location : Throughout South Side</i> <i>Explanation : Under Construction</i>								
Primary Member								
Not Accessible	100%							
Secondary Member								
Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

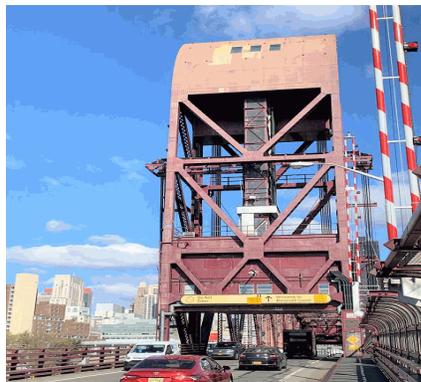
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 22-Apr-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240640

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$215,000	\$814,100
Bridge Electrical	\$57,200	\$24,400
Bridge Mechanical	\$506,700	
<b>Total</b>	<b>\$778,900</b>	<b>\$838,500</b>
Importance Code A		\$361,700
Importance Code B	\$641,700	\$417,200
Importance Code C	\$137,200	\$59,600
<b>Total</b>	<b>\$778,900</b>	<b>\$838,500</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$25,600		\$80,100	
Bridge Electrical	\$23,500	\$1,500	\$1,500	\$1,500
Bridge Mechanical	\$154,800			
<b>Total</b>	<b>\$203,900</b>	<b>\$1,500</b>	<b>\$81,600</b>	<b>\$1,500</b>
Importance Code A			\$40,700	
Importance Code B	\$191,200	\$1,500	\$40,900	\$1,500
Importance Code C	\$12,700			
<b>Total</b>	<b>\$203,900</b>	<b>\$1,500</b>	<b>\$81,600</b>	<b>\$1,500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
Backwall								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : End Abutment Only.</i>					
			<i>Explanation : Backwall Only.</i>					
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	2-4	\$3,400	LIFE		**		
			<i>Missing/Damaged Seal, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : End Abutment Deck Joint</i>					
Pedestals								
Concrete	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%			LIFE		**		
Wingwalls								
Footings								
Not Accessible	100%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : End Abutment Only</i>					
			<i>Explanation : End Abutment Only</i>					
Walls								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : End Approach Only.</i>					
			<i>Explanation : Wingwall Exists.</i>					
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		**		
Sheet Piling	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	6%	4+	\$77,800	LIFE		**		
			<i>Broken/Missing Elements, Extent : Light, Area Affected : 6%</i>					
			<i>Location : Piers 2, 3 &amp; 4</i>					
Timber	94%			LIFE		**		
Approaches								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Pavement								
Asphalt	100%	2-4	\$77,200	2036	**	4	\$22,100	
	<i>Cracks, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : End Approach</i>							
Concrete	100%	2-4	\$60,000	2045	**	4	\$84,600	
	<i>Cracks, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : End Approach Slab</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 2%</i>							
	<i>Location : End Approach Slab</i>							
Curbs								
Steel	100%			LIFE	**			
Guide Railing								
Concrete	100%			2045	**	4		
Sidewalks								
Concrete	100%			LIFE	**			
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
	<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Begin Pier</i>							
	<i>Explanation : Hollow Sounding Concrete Patches</i>							
Steel	100%			LIFE	**	2-8	\$59,000	
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Piers 6 And 7 Only.</i>							
	<i>Explanation : Steel Capbeam.</i>							
Pier,Columns								
Concrete	100%			LIFE	**			
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Pier 5 Only.</i>							
	<i>Explanation : Concrete Columns</i>							
Steel	100%			LIFE	**	2-8	\$89,800	
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Piers 6 And 7 Only.</i>							
	<i>Explanation : Steel Columns.</i>							
Stem,Solid Pier								
Concrete	1%	Now	\$9,500	LIFE	**			
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Piers 1 Through 4</i>							
	<i>Explanation : Access Catwalk At Top Of Pier Exhibits Holed Through Or Missing Platform Longitudinal Bars. The Pier 2 Access Platform Adjacent To Right Bearing Exhibits Broken And Missing Rails.</i>							
Concrete	99%			LIFE	**			
Brngs,Ancr Blts,Pads								
Steel	100%			LIFE	**	2-8	\$9,600	
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.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Mat (scour & erosion)								
Not Accessible	100%							
Pedestals								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Piers 1, 2, 3, 4 And 5.</i>								
<i>Explanation : Concrete Pedestal</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Piers 6 And 7.</i>								
<i>Explanation : Steel Pedestal.</i>								
Deck Elements								
Curbs								
Steel	100%			LIFE		**		
Gratings								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 2, 3 And 4.</i>								
<i>Explanation : Steel Grating On Sidewalk.</i>								
Guide Railing								
Steel	100%			LIFE		**		
Railings/Parapets								
Steel	100%			LIFE		**	2-8	\$39,800
Sidewalks								
Concrete	100%			2040		**	5	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Spans 1, 2, 4 Through 8.</i>								
<i>Explanation : Concrete Sidewalk.</i>								
Steel	100%			2058		**	2-8	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Span 3</i>								
<i>Explanation : Steel Plate On Top Of Concrete Filled Grating</i>								
Wearing Surface								
Asphalt	100%	Now	\$12,700	2036		**	5	\$10,100
<i>Broken, Missing Pave, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Spans 1, 2, 4 Through 8</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 1, 2, 4 Through 8.</i>								
<i>Explanation : Asphalt Wearing Surface.</i>								
Steel Grating	100%			LIFE		**	5	\$59,600
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Span 3.</i>								
<i>Explanation : Steel Grating</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Scupper								
Stainless Steel	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Span 7, North Side.</i>								
<i>Explanation : 1 Scupper</i>								
<b>Superstructure</b>								
Deck, Structural								
Grating w/ Concrete	100%			LIFE		**		
<i>Corrosion, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Spans 5, 6 &amp; 7</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Spans 1, 2, 4 Through 8</i>								
<i>Explanation : Concrete Filled Grating</i>								
Steel Grating	100%			LIFE		**	5	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Span 3.</i>								
<i>Explanation : Steel Grating Deck.</i>								
<b>Joints</b>								
Steel Finger Joints	100%			2067		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Span 3</i>								
<i>Explanation : Steel Finger Joint</i>								
Generic	100%			LIFE		**		
<b>Primary Member</b>								
Steel	100%			LIFE		**	2-8	\$675,600
<i>Loss of Section, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Primary And Secondary Steel Members In Spans 5, 6, And 8</i>								
<b>Secondary Member</b>								
Steel	100%			LIFE		**	2-8	\$565,900
<i>Loss of Section, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Spans 5, 6, And 8</i>								
<b>Movable Bridges</b>								
Vertical Lift Span								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Span 3 Primary And Secondary Members</i>								
<i>Explanation : Arrested Section Losses To Steel Members</i>								
Vertical Lift Tower								
Steel	100%			LIFE		**		
Vertical Lift Pier								
Concrete	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Piers 2 And 3</i>								
<i>Explanation : Concrete Piers Exhibit Fine Cracks And Small Spalls At Top Of Pier 2 And 3.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

Bridge Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Air Horn								
Generic	100%			2033	\$2,500			
Communications								
Generic	100%			2031	\$39,100			
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$7,200	LIFE		* *		
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Control Room</i>						
		<i>Explanation : 2 Pilot Lights For The Fully Seated Limit Switches Remain On During Lift.</i>						
Disconnect Switch								
Non Fused	100%			2049		* *		
Limit Switch								
Lever	100%	Now	\$10,300	2031	\$20,600			
		<i>Other Observation, Extent : Light, Area Affected : 75%</i>						
		<i>Location : All Corners</i>						
		<i>Explanation : Several Fully Seated Limit Switches Are Malfunctioning And In Poor Condition.</i>						
Local Starter								
Magnetic	100%			2049		* *		
Ground/Lightning Protection								
Ground Bus								
Copper	100%			2036		* *		
Ground Rod								
Not Accessible	100%							
Ground Wire								
Green	100%			2036		* *		
Lightning Terminals								
Not Accessible	100%							
Raceway								
Wiring								
Generic	100%			2036		* *		
Stand-by Power								
Generator								
Diesel	100%	Now	\$4,500	2049		* *		
		<i>Other Observation, Extent : Light, Area Affected : 25%</i>						
		<i>Location : Back Up Generator House In Queens</i>						
		<i>Explanation : The Annunciator Does Not Show When The Generator Is Supplying Load. Unable To Confirm All Indicators Are Operating Correctly From Visual Survey.</i>						
Transfer Switch								
Auto	100%			2049		* *		
Lighting								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Lighting Devices								
Generic	38%	Now	\$44,100	2037		**		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Span 3</i>								
<i>Explanation : Incandescent Exterior Light Fixture Filled With Water.</i>								
Generic	5%	Now	\$5,800	2037		**		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Throughout Bridge Areas</i>								
<i>Explanation : Majority Of Emergency Lights Have Failed.</i>								
Generic	21%	Now	\$7,300	2033	\$24,400			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Northeast And Southeast</i>								
<i>Explanation : Pier Light Not In Operation.</i>								
Generic	36%			2036		**		
Main Drive								
Motor Controller								
Drum Controller	100%			2067		**	1	\$15,300

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Buffers								
Generic	100%			2045		**		
Counter Weight Ropes & Gui								
Generic	100%	Now	\$49,400	2067		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Upper Span Guide Rails</i>								
<i>Lubrication Issue, Extent : Light, Area Affected : 5%</i>								
<i>Location : Ropes And Guide Rails</i>								
Counter Weight								
Auxiliary CTRWT	100%	Now	\$8,400	2067		**		
<i>Lubrication Issue, Extent : Light, Area Affected : 2%</i>								
<i>Location : Counterweights</i>								
Main CTRWT	100%	0-2	\$69,500	2067		**		
<i>Broken/Missing Elements, Extent : Light, Area Affected : 5%</i>								
<i>Location : Pocket Covers Missing Fasteners At Top.</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Top</i>								
<i>Explanation : Pigeon Droppings On And Around Top. Beam Clamp Installed Above Counterweight At East Counterweight.</i>								
Elevators								
Generic	100%	Now	\$267,700	2045		**		
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : East And West Towers</i>								
<i>Explanation : No Operation Was Observed. Elevators Reported Not To Work.</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		Priority
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%	Now	\$24,300	2067				**
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i> <i>Location : Machinery And Generator Rooms</i> <i>Explanation : No Operation Observed. Actuator Mount May Require Adjustment. Generator Reported Not To Be Working</i>								
End Locks								
With Motor	100%	Now	\$53,100	2067				**
<i>Corrosion, Extent : Severe, Area Affected : 5%</i> <i>Location : Heavy Corrosion On Supports At Tower Piers</i> <i>Other Observation, Extent : Moderate, Area Affected : 5%</i> <i>Location : Tower Piers</i> <i>Explanation : Reducer Sight Glasses Are Cloudy, Low Oil Level. Reducers Do Not Have Breathers.</i>								
Fuel Tanks								
Generic	100%	Now	\$400	2049				**
<i>Other Observation, Extent : Light, Area Affected : 2%</i> <i>Location : Fuel Tank/ Generator Room</i> <i>Explanation : Wire Harness Is Loose At Top Of Fitting. Some Areas Of Tank And Frame Do Not Bear On Concrete</i>								
Houses								
Access Ways	20%	Now	\$31,700	2045				**
<i>Other Observation, Extent : Light, Area Affected : 5%</i> <i>Location : Access To Locks</i> <i>Explanation : Accessway Hatch To Lock Platforms Problematic. Machinery Room Contactless Card Readers Not Working. Overhead Crane Chain Close To Rotating Machinery.</i>								
Access Ways	80%	Now	\$31,700	2045				**
<i>Other Observation, Extent : Severe, Area Affected : 10%</i> <i>Location : Tower Accessways</i> <i>Explanation : Tops Of Tower Accessways Covered In Pigeon Droppings. Corroded Grating And Missing Safety Chains At Some Access Points.</i>								
Control House	100%	Now	\$17,100	2067				**
<i>Other Observation, Extent : Severe, Area Affected : 5%</i> <i>Location : Control House</i> <i>Explanation : Fire Alarm, Key Pad Door Entry And Security Cameras Not Working.</i>								
Main Drive System								
Generic	30%	Now	\$53,000	2067				**
<i>Lubrication Issue, Extent : Moderate, Area Affected : 5%</i> <i>Location : Machinery Rooms</i> <i>Other Observation, Extent : Moderate, Area Affected : 5%</i> <i>Location : Machinery Rooms</i> <i>Explanation : Loose Inspection Cover Bolts. Brakes May Require Adjustment. Slight Rubbing Of Covers.</i>								
Generic	70%			2067				**

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**DEPARTMENT OF TRANSPORTATION - 841**  
**ROOSEVELT ISLAND BRIDGE E RIVER EAST CHAN/ROOSEVELT ISLD**  
**Asset # : 2477**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Sheaves								
Generic	100%			2067		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Northeast And Northwest Sheaves</i>								
<i>Explanation : Noisy During Operation.</i>								
Structural Bearings								
Generic	100%	Now	\$13,600	2045		**		
<i>Improper Bearing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Expansion Live Load Bearings</i>								
Traffic Devices								
Barrier Gate								
	100%	Now	\$38,600	2045		**		
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : Missing Gate Arm Locking Latches On Housings. Some Adjustments Required.</i>								
Signals								
	100%	Now	\$3,200	2045		**		
<i>Other Observation, Extent : Light, Area Affected : 20%</i>								
<i>Location : Queens Approach</i>								
<i>Explanation : Traffic Signal Is Skewed. Similarly For Stop Line Signal.</i>								
Warning Gate								
	100%			2045		**		

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 08-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224006A

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$219,700	\$219,700
<b>Total</b>	<b>\$219,700</b>	<b>\$219,700</b>
Importance Code A	\$109,900	\$109,900
Importance Code B	\$109,900	\$109,900
<b>Total</b>	<b>\$219,700</b>	<b>\$219,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$77,600		\$29,700	
<b>Total</b>	<b>\$77,600</b>		<b>\$29,700</b>	
Importance Code A	\$51,300		\$17,700	
Importance Code B	\$20,000		\$11,000	
Importance Code C	\$6,300		\$1,000	
<b>Total</b>	<b>\$77,600</b>		<b>\$29,700</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**THIRD AVE. BRIDGE RAMP TO BRUCKNER BLVD/RELIEF**  
**Asset # : 4320**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE			**	
Backwall								
Concrete	100%			LIFE			**	
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2053			**	
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	100%			LIFE			**	
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Southeast Wing Wall Not Accessible</i>								
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE			**	
Approaches								
Pavement								
Asphalt	100%			2034		**	4	\$1,900
<i>Cracks, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2042		**	4	\$3,600
Piers								
Cap Beam								
Concrete	100%			LIFE			**	
Pier,Columns								
Concrete	100%			LIFE			**	

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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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier Concrete	100%			LIFE			**	
Brngs,Ancr Blts,Pads Elastomeric	100%			2053			**	
Multi-Rotational Bearing	100%			2061			**	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : 3rd Pier From East End</i>								
<i>Explanation : High- Load Multi- Rotational Bearing</i>								
<b>Footings</b>								
Not Accessible	100%							
<b>Pedestals</b>								
Concrete	100%			LIFE			**	
<b>Piles</b>								
Not Accessible	100%							
<b>Deck Elements</b>								
Mono Deck Surface Concrete	100%			2053		**	5	\$63,200
Railings/Parapets Concrete	100%			2042		**	4	\$9,800
Scupper Cast Iron	100%	Now	\$6,300	LIFE		**		
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At Span 3</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Total Of 5 Scuppers</i>								
<b>Superstructure</b>								
Deck,Structural Concrete	100%			LIFE		**	5	\$29,200
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout Stay-in-place Forms</i>								
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : All Spans, Except At Deck Overhangs</i>								
<i>Explanation : Stay-in-place Forms Used With Concrete Deck</i>								
<b>Joints</b>								
Generic	100%			LIFE		**		
Primary Member Steel	100%			LIFE		**	2-8	\$351,700
Secondary Member Steel	100%			LIFE		**	2-8	\$301,800

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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : **21-Apr-2021** Landmark Status : **NONE**  
 Areas Surveyed :  
 Block : Lot : BIN : **2240069**

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$2,136,000	\$2,087,700
Bridge Electrical	\$131,000	\$105,100
Bridge Mechanical	\$119,400	
<b>Total</b>	<b>\$2,386,400</b>	<b>\$2,192,900</b>
Importance Code A	\$1,876,500	\$944,800
Importance Code B	\$250,300	\$895,900
Importance Code C	\$259,600	\$352,200
<b>Total</b>	<b>\$2,386,400</b>	<b>\$2,192,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$83,700		\$166,800	
Bridge Electrical	\$50,900	\$2,000	\$2,000	\$2,000
Bridge Mechanical	\$197,700	\$9,000		\$9,000
<b>Total</b>	<b>\$332,400</b>	<b>\$10,900</b>	<b>\$168,800</b>	<b>\$10,900</b>
Importance Code A	\$44,200		\$87,500	
Importance Code B	\$261,600	\$10,900	\$81,300	\$10,900
Importance Code C	\$26,500			
<b>Total</b>	<b>\$332,400</b>	<b>\$10,900</b>	<b>\$168,800</b>	<b>\$10,900</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**  
**Asset # : 4319**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			2058	**			
Footings Not Accessible	100%							
Joint with Deck Generic	100%	4+	\$13,000	LIFE	**			
			<i>Leakage, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Begin Abutment Joint</i>					
			<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>					
			<i>Location : Begin &amp; End Abutment Joints</i>					
			<i>Explanation : Begin And End Abutment Concrete Header Exhibits Cracks</i>					
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%	4+	\$96,400	2045	**	4	\$46,100	
			<i>Cracks, Extent : Severe, Area Affected : 5%</i>					
			<i>Location : Begin Approach Slab</i>					

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**DEPARTMENT OF TRANSPORTATION - 841**  
**THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**  
**Asset # : 4319**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Embankment								
Earth	100%			LIFE	**			
Generic	100%			LIFE	**			
Guide Railing								
Concrete	100%	Now	\$24,700	2045	**	4	\$6,900	
<i>Spalling, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Begin Right Approach Guide Rail</i>								
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Begin Left Approach Guide Rail, 100 Feet From Bridge.</i>								
<i>Explanation : Severe Spalling Exposing Two Of Four Anchor Bolts Of Metal Railing 100 Feet From Start Of Bridge.</i>								
Steel	100%	Now	\$5,500	LIFE	**	2-8	\$18,700	
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Begin Right Approach Rail</i>								
<i>Explanation : 2 Of 4 Exposed Anchor Bolts At Railing Post Due To Spalled Concrete</i>								
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	**			
Piles								
Steel	75%	Now	\$108,400	LIFE	**			
<i>Loss of Section, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Pier 8 Steel Piles</i>								
Steel	25%			LIFE	**			
Deck Elements								
Guide Railing								
Concrete	100%	Now	\$14,100	2049	**			
<i>Spalling, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Span 10, Left Guiderail &amp; Span 11, Right Guiderail</i>								
Steel	100%			LIFE	**			
Mono Deck Surface								
Concrete	100%			2058	**	5	\$220,800	
Railings/Parapets								
Steel	100%			LIFE	**	2-8	\$215,400	
Sidewalks								
Concrete	100%	4+	\$53,200	2040	**	5	\$15,700	
<i>Cracks, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Spans 1, 2, 3, 4, 10 And 11</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**  
**Asset # : 4319**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Wearing Surface Concrete	100%	Now	\$110,000	2045	**	5	\$131,400	
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Spans 5 And 6</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Spans 5 And 6</i>								
<i>Explanation : Uneven Riding Surface Due To Numerous Asphalt Patched Potholes</i>								
<hr/>								
Scupper Cast Iron	100%	Now	\$26,500	LIFE	**			
<i>Drains Clogged, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Span 12, Right Scupper</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Spans 1 Through 4 &amp; 9 Through 14</i>								
<i>Explanation : One Scupper In Spans 12, 13 And 14 (Left Side); Two Scuppers Each In Spans 1, 2, 3, 4, 9, 10; Three Scuppers In Span 11 (2 On Right Side, 1 On Left Side).</i>								
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Piers 1 And 11</i>								
<i>Explanation : Drainage Pipes Are Disconnected At Elbow Connections Due To Fully Cracked Welds.</i>								
<hr/>								
<b>Superstructure</b>								
Deck, Structural Concrete	100%	4+	\$444,900	LIFE	**	5	\$83,200	
<i>Corrosion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Spans 1 Through 4, 7, 8, And 10 Through 14</i>								
<hr/>								
<b>Joints</b>								
Steel Generic	100%			LIFE	**			
<hr/>								
<b>Primary Member</b>								
Prestressed Concrete Box Beam	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Span 8 Only</i>								
<i>Explanation : Location Noted.</i>								
<hr/>								
Steel	100%			LIFE	**	2-8	\$1,477,100	
<hr/>								
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$1,237,400	
<hr/>								
<b>Movable Bridges</b>								
<b>Swing Span Truss</b>								
Steel	100%			LIFE	**			
<hr/>								
<b>Swing Span Pivot Pier</b>								
Concrete	100%	4+	\$1,323,200	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Pier 5</i>								
<i>Explanation : Longitudinal Crack Up To 1 Inch Wide</i>								

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**

**Asset # : 4319**

Bridge Electrical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Communication Electrical								
Air Horn								
Generic	100%			2031	\$2,500			
Intercom								
Generic	100%	Now	\$63,100	2031	\$105,100			
<i>Other Observation, Extent : Severe, Area Affected : 60%</i>								
<i>Location : End Rest Piers</i>								
<i>Explanation : Several Intercom Stations Have Failed Or Have Severe Corrosion.</i>								
Telephone								
Desk Top	100%			2031				
Jack								
Telephone	100%			2031				
Control System Electrical								
Computer								
PLC	100%			2031	\$29,400			
Control Console								
Stainless Steel	100%			LIFE	**			
<i>Broken/Missing Elements, Extent : Light, Area Affected : 10%</i>								
<i>Location : Control Desk</i>								
Control Devices								
Relay	100%	Now	\$14,600	2049	**			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Control House</i>								
<i>Explanation : Bridge Trips Out At Near Full Open And Near Full Closed. Drive 2 Pulsates. Drive 1 Trips Out System Everytime.</i>								
Disconnect Switch								
Non Fused	100%			2049	**			
Limit Switch								
Generic	100%	Now	\$8,400	2049	**			
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Bronx And Manhattan Rest Piers</i>								
<i>Explanation : End Lift Rotary Cam Limit Switches Failed To Provide Indication.</i>								
Local Starter								
Magnetic	100%			2049	**			
Drive								
Grating Motor								
Generic	100%			2058	**			
Machinery Brake								
Thruster	100%			2058	**			
Motor Brake								
Thruster	100%			2058	**			
Span Lock Motor								
Generic	100%			2058	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Span Locks</i>								
<i>Explanation : Span Locks Used For End Lifts Description</i>								
Wedge Motor								
Generic	100%			2058	**			

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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**

**Asset # : 4319**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Electrical Power								
MCC								
	Generic	100%			2049	**		
Panelboard								
	Circuit Breaker	100%			2049	**	1	\$6,700
Transfer Switch								
	Auto	100%	Now	\$2,800	2049	**		
	<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : Control Room</i>							
	<i>Explanation : Manhattan Power Source Failed To Operate Bridge.</i>							
Transformer								
	Dry	100%			2049	**		
Ground/Lightning Protection								
Ground Bus								
	Copper	100%			2036	**		
Ground Rod								
	Not Accessible	100%						
Raceway								
Box								
	Pull Junction	100%			2040	**		
	Terminal	100%			2040	**		
Conduit								
	Metal	100%			2067	**		
Submarine Control Cables								
	Control	100%			2036	**		
Submarine Power Cable								
	Power	100%			2036	**		
Trough								
	Metal	100%			2067	**		
Wires								
	Thermoplastic	100%			2049	**		
Span Lock								
Motor								
	Squirrel Cage	100%			2045	**		
Stand-by Power								
Transfer Switch								
	Auto	100%			2049	**		
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**  
**THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**  
**Asset # : 4319**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Lighting								
Lighting Devices								
Generic	5%	Now	\$11,900	2037		**		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : East And West Rest Piers</i>								
<i>Explanation : Ground Electrode Conductor Severed.</i>								
Generic	5%	Now	\$11,900	2037		**		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Throughout Bridge Areas.</i>								
<i>Explanation : All Emergency Exit Lights Have Failed.</i>								
Generic	5%	Now	\$600	2036		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Control Room</i>								
<i>Explanation : Fluorescent Lights Out.</i>								
Generic	85%			2037		**		

## Main Drive

## Motor Controller

## Thyristor Drive

100%	Now	\$67,900	2040		**	1-5	\$13,100	
<i>Erratic Operation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Control Room</i>								

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Center Latch								
Generic	100%	Now	\$4,100	2067		**		
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Center Latches</i>								
<i>Explanation : One Loose Limit Switch Arm. Proximity Switch Target Has Deteriorated.</i>								
Center Lift								
Generic	100%	Now	\$67,600	2067		**		
<i>Corrosion, Extent : Severe, Area Affected : 5%</i>								
<i>Location : North And South Center Wedges</i>								
<i>Lubrication Issue, Extent : Severe, Area Affected : 5%</i>								
<i>Location : North And South Center Wedges</i>								
Center Pivot								
Generic	20%	Now	\$51,800	2067		**		
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Center Pivot</i>								
<i>Explanation : Low Oil Level. Filter Requires Replacement.</i>								
Generic	80%			2067		**		
Emergency Drive								
Emergency Power	100%			2067		**	2	\$44,900
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Emergency Drive</i>								
<i>Explanation : Not Tested. Failure.</i>								

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Estimates are rounded to the nearest hundred dollars.

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**DEPARTMENT OF TRANSPORTATION - 841**  
**THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**  
**Asset # : 4319**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Swing								
End Lift								
Generic	100%	Now	\$44,300	2067				**
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Machinery Cover Supports At East And West Piers</i>								
<i>Not Functioning, Extent : Light, Area Affected : 5%</i>								
<i>Location : Hydraulic Jacks At East And West Rest Piers</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : East And West Rest Piers</i>								
<i>Explanation : Some Coverage Of Debris. Lubrication Charts Covered In Graffiti. Span Locks Used For End Lifts Description. West End Lift Motor Junction Box Broken.</i>								
Fuel Tanks								
Generic	100%			2049				**
Houses								
Access Ways	100%	Now	\$27,300	2067				**
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : East And West Rest Piers</i>								
<i>Explanation : Hatches At Rest Pier End Lift Need To Be Repaired</i>								
Control House	100%	Now	\$39,700	2067				**
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Bathroom</i>								
<i>Explanation : Bathroom Damaged, Not Functioning. Floors Need Repair. Exposed Electrical Throughout. Heat And Ac Not Working.</i>								
Machinery Room	100%			2067				**
Main Drive System								
Generic	100%			2067				**
<i>Broken/Missing Elements, Extent : Light, Area Affected : 1%</i>								
<i>Location : Lubrication Charts At Center Of Swing Span</i>								
<i>Lubrication Issue, Extent : Light, Area Affected : 1%</i>								
<i>Location : Center Of Swing Span</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Center Of Swing Span</i>								
<i>Explanation : Breathers Will Need To Be Changed Soon. Loose Covers, Reducer Oil Levels Hard To Read. Standing Water In Rack Support Pockets. Turning Machinery Float Shaft Cover Missing.</i>								
Structural Bearings								
Generic	100%			2047				**

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**THIRD AVE. BRIDGE THIRD AVE BRIDGE/HARLEM RIVER**

**Asset # : 4319**

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Traffic Devices								
Barrier Gate	100%	Now	\$31,500	2045				* *
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 2%</i>								
<i>Location : East And West Barrier Gates</i>								
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>								
<i>Location : East And West Barrier Gates</i>								
<i>Explanation : Loose Crash Gate Wire Anchor Base Nuts. Exposed Electrical. Damaged Angle. Missing Plunger Rods.</i>								
Signals	100%	Now	\$24,800	2047				* *
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Approach North Side</i>								
<i>Explanation : Green Light Flickering</i>								
Warning Gate	65%			2045				* *
Warning Gate	35%	Now	\$26,000	2045				* *
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Northwest Gate</i>								
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : East Approach</i>								
<i>Explanation : Lens Broken On Advance Warning Sign</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Northwest Gate</i>								
<i>Explanation : Bent Guy Wire Frame.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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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Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 2024 - 2027	FY 2028 - 2033
Bridge Structure	\$4,038,400	\$51,400
Bridge Electrical	\$2,060,600	\$1,148,900
Bridge Mechanical	\$1,683,300	\$5,829,900
<b>Total</b>	<b>\$7,782,200</b>	<b>\$7,030,300</b>
Importance Code A	\$3,413,900	\$51,400
Importance Code B	\$4,110,600	\$6,978,800
Importance Code C	\$257,700	
<b>Total</b>	<b>\$7,782,200</b>	<b>\$7,030,300</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bridge Structure	\$89,800	\$13,600	\$41,800	
Bridge Electrical	\$179,300	\$41,100		
Bridge Mechanical	\$111,700			
<b>Total</b>	<b>\$380,700</b>	<b>\$54,700</b>	<b>\$41,800</b>	
Importance Code A	\$8,000		\$800	
Importance Code B	\$338,100	\$41,100		
Importance Code C	\$34,600	\$13,600	\$41,000	
<b>Total</b>	<b>\$380,700</b>	<b>\$54,700</b>	<b>\$41,800</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**  
**Asset # : 4244**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%	0-2	\$26,000	LIFE		**		
		<i>Joints Missing, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Begin Abutment</i>						
		<i>Leakage, Extent : Severe, Area Affected : 20%</i>						
		<i>Location : At Begin Abutment Stem</i>						
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Stem (breastwall)								
Concrete	100%	4+	\$162,700	LIFE		**		
		<i>Cracking/Crumbling, Extent : Moderate, Area Affected : 15%</i>						
		<i>Location : Begin Abutment</i>						
		<i>Delaminations, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Begin Abutment</i>						
		<i>Spalling, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Begin Abutment</i>						
Walls								
Concrete	100%			LIFE		**		
Feature Crossed								
Bank Protection								
Riprap	100%			LIFE		**		
Mat (scour & erosion)								
Not Accessible	100%							
Pier Protection								
Timber	100%	Now	\$108,000	LIFE		**		
		<i>Broken/Missing Elements, Extent : Severe, Area Affected : 70%</i>						
		<i>Location : Piers 8 And 9.</i>						
		<i>Rotted, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Piers 8 And 9.</i>						
Approaches								
Pavement								
Asphalt	100%			2026	\$257,700	4	\$7,400	
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : End Approach Only.</i>						
		<i>Explanation : End Approach Only.</i>						
Curbs								
Concrete	100%			LIFE		**		
Concrete w/ Steel Face	100%			LIFE		**		
		<i>Other Observation, Extent : Light, Area Affected : 1%</i>						
		<i>Location : Left Side End Approach</i>						
		<i>Explanation : Left Side End Approach</i>						
Embankment								
Earth	100%			LIFE		**		
Guide Railing								
Steel	100%			LIFE		**	2-8	\$5,800

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**  
**Asset # : 4244**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Mat (scour & erosion)								
Earth	100%			LIFE	**			
<b>Sidewalks</b>								
Concrete	100%			LIFE	**			
<b>Piers</b>								
<b>Cap Beam</b>								
Concrete	65%			LIFE	**			
Concrete	35%	0-2	\$171,900	LIFE	**			
<i>Leakage, Extent : Severe, Area Affected : 50%</i>								
<i>Location : At Cap Beam 1, 3, 5, 7, 10, 12, 14, 16</i>								
<i>Spalling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Cap Beams 12, 14, 16 Right Side</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Piers 1, 3, 5, 7, 10, 12, 14, 16.</i>								
<i>Explanation : Cap Beams Spalling And Cracking</i>								
<b>Pier,Columns</b>								
Concrete	70%			LIFE	**			
Concrete	30%	0-2	\$96,000	LIFE	**			
<i>Cracks, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 1, 3, 7, 13, 14, And 16</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 1, 3, 7, 13, 14, And 16</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Piers 1, 3, 7, 13, 14, And 16</i>								
<b>Stem,Solid Pier</b>								
Concrete	100%			LIFE	**			
<b>Brngs,Ancr Blts,Pads</b>								
Steel	100%			LIFE	**	2-8	\$8,000	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 7, 8, 9, 10 And 15.</i>								
<i>Explanation : Spans 7, 8, 9, 10 And 15.</i>								
<b>Footings</b>								
Not Accessible	100%							
<b>Mat (scour &amp; erosion)</b>								
Earth	100%	0-2	\$6,700	LIFE	**			
<i>Erosion, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Under Spans 10, 11, 12 And 14</i>								
<b>Pedestals</b>								
Concrete	100%	0-2	\$21,100	LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Pier 9</i>								
<i>Explanation : Pier 8 And 9</i>								
<b>Deck Elements</b>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**  
**Asset # : 4244**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Curbs</b>								
Concrete	100%			2045		**		
Concrete w/ Steel Face	100%	Now	\$1,000	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Span 17 Left Side</i>								
<i>Explanation : Steel Plate Loose At End Abutment.</i>								
<hr/>								
<b>Median</b>								
Concrete	100%			LIFE		**	5	\$1,100
<hr/>								
<b>Mono Deck Surface</b>								
Concrete	90%			2035		**	5	\$26,600
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 6 - 8 And 10 - 12.</i>								
<i>Explanation : Spans 6 - 8 And 10 - 12.</i>								
Concrete	10%	2-4	\$1,600	2035		**	5	\$13,300
<i>Cracks, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Spans 6, 7, 8, 10 Through 12</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 6, 7, 8, 10 Through 12</i>								
<i>Explanation : Numerous Patched Potholes,</i>								
<hr/>								
<b>Railings/Parapets</b>								
Concrete	100%			2040		**	4	
Steel	95%			LIFE		**	2-8	\$4,300
Steel	5%	4+	\$400	LIFE		**	2-8	\$4,300
<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Spans 8 And 10</i>								
<hr/>								
<b>Sidewalks</b>								
Asphalt	100%	Now	\$1,100	2024	\$5,400		4	\$2,200
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Span 9</i>								
<i>Explanation : Missing Asphalt Pavers.</i>								
Concrete	90%			2030	\$18,300		5	\$600
Concrete	10%	4+	\$200	2030	\$2,000		5	\$300
<i>Cracks, Extent : Light, Area Affected : 40%</i>								
<i>Location : Spans 8, 13, 14, And 16.</i>								
<hr/>								
<b>Wearing Surface</b>								
Asphalt	90%			2026	\$34,300		5	\$6,000
Asphalt	10%	0-2	\$400	2030	\$3,800		5	\$3,000
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Spans 5 Left Side, Westbound.</i>								
<i>Explanation : Potholes And Uneven Asphalt Patches</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%	4+	\$216,100	LIFE		**	5	\$6,700
<i>Spalling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Spans 8, 10,</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**

**Asset # : 4244**

Bridge Structure		Current Repair			Future Replacement		Maintenance		Priority
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	\$26,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 60%</i>								
<i>Location : Spans 1, 3, 5, 7, 10, 12, 14 And 16</i>								
<i>Leakage, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Spans 1, 3, 5, 7, 10, 12, 14 And 16</i>								

Primary Member

Concrete	70%			LIFE	**	5	\$25,700	
Concrete	30%	2-4	\$426,700	LIFE	**	5	\$25,700	
<i>Cracks, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Spans 1 Through 7 And 11 Through 17</i>								
<i>Exposed Reinforcement, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 1 Through 7 And 11 Through 17</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Spans 1 Through 7 And 11 Through 17</i>								

Secondary Member

Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location :</i>								
<i>Explanation : Spans 8 And 10.</i>								

Movable Bridges

Bascule Span

Steel	50%			LIFE	**			
Steel	50%	2-4	\$2,050,100	LIFE	**			
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Span 9</i>								
<i>Explanation : Steel Section Loss And Corrosion Holes. Cracked Steel Grating Panel. Poor Condition Of Right Sidewalk.</i>								

Bascule Span Pier

Concrete	100%	2-4	\$549,100	LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Bascule Span Piers</i>								
<i>Explanation : Spalls And Cracks</i>								

Bridge Electrical		Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority	

Communication Electrical

Communications

Generic	100%	Now	\$41,100	2025	\$41,100			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Numerous Locations</i>								
<i>Explanation : System Not Operational</i>								

Control System Electrical

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**  
**Asset # : 4244**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Control System Electrical								
Control Console								
Stainless Steel	100%	Now	\$65,400	LIFE		**		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : On Console</i>								
<i>Explanation : Bridge Fully Open Indications Do Not Illuminate, Nameplates Barely Legible</i>								
Disconnect Switch								
Generic	100%	4+	\$44,700	2045		**		
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Various</i>								
<i>Explanation : Disconnect Switches Are Not All Operable</i>								
Limit Switch								
Generic	100%	0-2	\$45,300	2045		**		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : East And West Leaves</i>								
<i>Explanation : Limit Switch Housing Severely Corroded</i>								
Electrical Power								
Dist Equip & Motor Controll								
Generic	100%	0-2	\$532,100	2045		**		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Electrical Room</i>								
<i>Explanation : Not Osha Compliant, No Replacement Parts Available</i>								
Raceway								
Submarine Control Cables								
Not Accessible	100%							
Wiring								
Generic	100%	0-2	\$1,148,900	2030	\$1,148,900			
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Various</i>								
<i>Explanation : Conduit Is Corroded. Wiring Is Damaged.</i>								
Traffic System Electrical								
Traffic Signal								
Generic	100%	Now	\$48,200	2025	\$160,700			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Approaches</i>								
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Approaches</i>								
<i>Explanation : Some Bulbs Need Replacement</i>								
Lighting								
Lighting Devices								
Generic	100%	Now	\$57,500	2024	\$95,900			
<i>Other Observation, Extent : Moderate, Area Affected : 60%</i>								
<i>Location : Various</i>								
<i>Explanation : Various Service Lighting Fixtures Are Broken/ Missing</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**  
**Asset # : 4244**

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Bascule								
Counter Weight Generic	100%	Now	\$30,500	2040			**	
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Counter Weights</i>								
<i>Explanation : Blocks On Top Of West Counter Weight Are Not Secured</i>								
<hr/>								
Emergency Drive Emergency Power	100%	Now	\$6,100	2028	\$122,000			
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Auxiliary Drives</i>								
<i>Explanation : No Operation Observed. Need To Perform Maintenance, Repairs And Test Auxiliary Drive.</i>								
Manual	100%	Now	\$33,400	2028	\$167,000			
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Manual Drive Components</i>								
<i>Explanation : No Operation Observed. Covered In Pigeon Droppings And Appears To Be Frozen</i>								
<hr/>								
Fuel Tanks Generic	100%	Now	\$700	2030	\$6,800			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Operators House</i>								
<i>Explanation : Slight Leakage Noted On Top Fittings, Bottom Not Accessible</i>								
<hr/>								
Houses								
Access Ways	80%	4+	\$33,600	2028	\$167,800			
<i>Other Observation, Extent : Light, Area Affected : 75%</i>								
<i>Location : Span Drive Machinery</i>								
<i>Explanation : Mild Corrosion.</i>								
Access Ways	20%	Now	\$21,000	2028	\$42,000			
<i>Other Observation, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Center Locks</i>								
<i>Explanation : Corrosion Of Access Platforms And Covered In Pigeon Droppings.</i>								
Control House	100%	Now	\$32,200	2040			**	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Control And Tender Houses</i>								
<i>Explanation : Some Window Leak. Reported That Air Conditioning Unit Does Not Cool Room.</i>								
Machinery Room	100%	Now	\$8,800	2040			**	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Machinery Rooms</i>								
<i>Explanation : Some Broken Locks. Some Small Floor Panels Replaced With Plywood. Some Pigeon Droppings.</i>								
<hr/>								
Lock Bars With Motor	100%	Now	\$269,000	2028	\$538,000			
<i>Other Observation, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Lock Bar Machinery</i>								
<i>Explanation : Not Accessible From Platform. Machinery Is Covered In Debris, Corroded And Is In Poor Condition. Some Binding</i>								

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**DEPARTMENT OF TRANSPORTATION - 841**  
**UNIONPORT BRIDGE BRUCKNER EXPRESSWAY SERVICE ROAD**

**Asset # : 4244**

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Bascule								
Main Drive System								
Generic	100%	Now	\$402,400	2028	\$4,024,000			
	<i>Other Observation, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Machinery Room</i>							
	<i>Explanation : One Brake Not Functioning. Lubricant Leakage. Some Corrosion. Some Bolts Have Heavy Corrosion/ Loss</i>							
Rack								
Generic	100%	2-4	\$54,900	2040			**	
	<i>Other Observation, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Racks</i>							
	<i>Explanation : Some Corrosion</i>							
Structural Bearings								
Not Accessible	100%							
Traffic Devices								
Barrier Gate	100%	Now	\$189,900	2028	\$474,600			
	<i>Other Observation, Extent : Severe, Area Affected : 20%</i>							
	<i>Location : Barrier Gates</i>							
	<i>Explanation : Some Latches Missing Or Not Functioning. Some Cracks On Gate Arm. Paint Required. One Bent Housing</i>							
Warning Gate	100%	Now	\$58,900	2028	\$294,400			
	<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : Warning Gates</i>							
	<i>Explanation : Some Broken/missing Hardware. Missing Covers On Open Holes. Painting Required</i>							
Trunnion								
Generic	100%	Now	\$653,700	2040			**	
	<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>							
	<i>Location : Trunnions</i>							
	<i>Explanation : Machinery Covered In Debris/ Corrosion. Reported That It Is Difficult To Grease. Missing Limit Switch Gear Bolt</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : W 207 ST / UNIVERSITY HEIGHTS BR  
**Address** : W 207 ST/W FORDHAM ROAD  
**Borough** : MANHATTAN:BX. **Agency's Number** : N/A  
**Program / Asset #** : DOT0139.000 / 4243 **Yr Built/Renovated** :  
**Area Sq Ft** : 19,700 **Project Type** : WATERWAY BRIDGES  
**Date of Survey** : 04-May-2010 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2240120

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$107,500	\$917,600
Bridge Electrical	\$2,733,300	\$95,000
Bridge Mechanical	\$160,100	\$734,800
<b>Total</b>	<b>\$3,000,900</b>	<b>\$1,747,400</b>
Importance Code A		\$155,000
Importance Code B	\$2,893,400	\$984,800
Importance Code C	\$107,500	\$607,600
<b>Total</b>	<b>\$3,000,900</b>	<b>\$1,747,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$68,400	\$900	\$47,000	\$33,700
Bridge Electrical	\$116,500			
Bridge Mechanical	\$72,800	\$9,000		\$9,000
<b>Total</b>	<b>\$257,700</b>	<b>\$9,900</b>	<b>\$47,000</b>	<b>\$42,700</b>
Importance Code A	\$6,400		\$18,700	
Importance Code B	\$211,100	\$9,000	\$16,500	\$9,000
Importance Code C	\$40,200	\$900	\$11,800	\$33,700
<b>Total</b>	<b>\$257,700</b>	<b>\$9,900</b>	<b>\$47,000</b>	<b>\$42,700</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.



**DEPARTMENT OF TRANSPORTATION - 841**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Approaches								
Sidewalks								
Concrete	95%			LIFE		**		
Concrete	5%	4+	\$100	LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 20%</i>								
<i>Location : Underside Of Sidewalk. Overhang And At Top.</i>								
<i>Efflorescence, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Underside Of Sidewalk. Overhang.</i>								
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
Steel	100%			LIFE		**	2-8	
Pier,Columns								
Steel	100%			LIFE		**	2-8	\$28,500
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Pier 1</i>								
Stem,Solid Pier								
Concrete	100%			LIFE		**		
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2047		**		
Steel	100%			LIFE		**	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		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 1, 2, And 5.</i>								
<i>Explanation : Spans 1, 2, And 5.</i>								
Steel	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 2 And 3</i>								
<i>Explanation : Spans 2 And 3</i>								
Guide Railing								
Steel	95%			LIFE		**		
Steel	5%	4+	\$2,500	LIFE		**		
<i>Damaged Railing, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Span 4 Left Side</i>								
Mono Deck Surface								
Concrete	100%			2047		**	5	\$67,500

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railings/Parapets								
Cast Iron	90%			LIFE	**			
Cast Iron	5%	4+	\$2,600	LIFE	**			
<i>Corrosion, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Right Pedestrian Railing Spans 1- 5.</i>								
Cast Iron	5%	Now	\$1,000	LIFE	**			
<i>Broken/Missing Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Spans 2 And 5.</i>								
<b>Sidewalks</b>								
Concrete	100%			2029	\$203,900	5	\$6,000	
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 1 And 5</i>								
<i>Efflorescence, Extent : Light, Area Affected : 10%</i>								
<i>Location : Spans 1 And 5.</i>								
Grating w/ Concrete	100%			2047	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Spans 3 And 4.</i>								
<i>Explanation : Spans 3 And 4.</i>								
<b>Wearing Surface</b>								
Asphalt	100%			2025	\$107,500	5	\$1,900	
Concrete	100%			2034	**	5	\$74,100	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 10%</i>								
<i>Location : Spans 3 And 4.</i>								
<b>Superstructure</b>								
<b>Deck,Structural</b>								
Concrete	100%			LIFE	**	5	\$15,800	
Grating w/ Concrete	100%			LIFE	**			
<b>Joints</b>								
Steel	100%			LIFE	**			
Generic	100%			LIFE	**			
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8	\$289,500	
<i>Corrosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Spans 1, 2 And 5</i>								
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$242,500	
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Spans 1, 2 And 5.</i>								
<b>Movable Bridges</b>								
<b>Swing Span Truss</b>								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Spans 3 And 4.</i>								
<i>Explanation : Localized Corrosion With Section Loss In Primary And Secondary Members.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Communication Electrical

Communications  
Generic

100%    Now      \$12,300    2024      \$41,100

*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      \$33,800    2026      \$675,600

*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      \$19,000    2029      \$95,000

*Other Observation, Extent : Light, Area Affected : 20%*  
*Location : Rim Bearing Lower Level*  
*Explanation : Colletor Shoes Are Slightly Corroded*

Submarine Control Cables

Control

100%      2024

Wiring

Generic

100%      2024      \$1,779,700

## Traffic System Electrical

Traffic Signal  
Generic

100%    Now      \$7,900      2024      \$158,500

*Other Observation, Extent : Moderate, Area Affected : 100%*  
*Location : All Gongs*  
*Explanation : Gongs Are Not Operational.*

## 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**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

Bridge Electrical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Lighting

## Lighting Devices

## Generic

100% Now \$2,400 2024 \$119,500

*Other Observation, Extent : Light, Area Affected : 50%*

*Location : Entire System.*

*Explanation : Several Lamps Missing Or Inoperative.*

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Swing

## Center Latch

## Generic

100% Now \$76,400 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+ \$83,700 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 \$5,100 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+ \$30,900 2049 \*\*

*Other Observation, Extent : Light, Area Affected : 10%*

*Location : Span Drive*

*Explanation : Accumulated Pigeon Debris On Secondary Reducer Machinery*

## Structural Bearings

## Generic

100% 2030 \$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**  
**W 207 ST / UNIVERSITY HEIGHTS BR**  
**Asset # : 4243**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Traffic Devices								
Barrier Gate	50%			2030	\$220,200			
Barrier Gate	50%	Now	\$22,000	2030	\$220,200			
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : East Approach</i>								
<i>Explanation : Gate Arms Needed To Be Manually Interlocked At Center</i>								
Warning Gate	50%	Now	\$14,700	2030	\$147,200			
<i>Other Observation, Extent : Severe, Area Affected : 40%</i>								
<i>Location : Southeast And Southwest</i>								
<i>Explanation : Gates Are Not Lowering Fully. Concrete Missing Around Edge Of Base.</i>								
Warning Gate	50%			2030	\$147,200			

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$124,700
Bridge Mechanical	\$300,000	\$24,009,100
<b>Total</b>	<b>\$300,000</b>	<b>\$24,133,800</b>
Importance Code A		\$124,700
Importance Code B	\$300,000	\$24,009,100
<b>Total</b>	<b>\$300,000</b>	<b>\$24,133,800</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$5,600		\$13,000	\$1,500
Bridge Electrical	\$2,200			
Bridge Mechanical	\$9,500			
<b>Total</b>	<b>\$17,300</b>		<b>\$13,000</b>	<b>\$1,500</b>
Importance Code A	\$500		\$13,000	\$1,500
Importance Code B	\$11,600			
Importance Code C	\$5,200			
<b>Total</b>	<b>\$17,300</b>		<b>\$13,000</b>	<b>\$1,500</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER**

**Asset # : 13872**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE		**		
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+	\$5,200	LIFE		**		
			<i>Cracks, Extent : Light, Area Affected : 1%</i>					
			<i>Location : East Side Of Bank</i>					
Pier Protection								
Timber	100%			LIFE		**		
Not Accessible	100%							
Approaches								
Pavement								
Asphalt	100%			2034		**	4	
Piers								
Cap Beam								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Pier 8</i>					
			<i>Explanation : Concrete Capbeam.</i>					
Steel	100%			LIFE		**	2-8	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Piers 1, 3, 4, And 6 Through 8.</i>					
			<i>Explanation : Steel Capbeam</i>					
Pier,Columns								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Pier 8</i>					
			<i>Explanation : Concrete Columns.</i>					
Steel	100%			LIFE		**	2-8	
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Piers 1, 3 And 6 Through 8.</i>					
			<i>Explanation : Steel Columns.</i>					
Stem,Solid Pier								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : Light, Area Affected : 1%</i>					
			<i>Location : Piers 5 And 9.</i>					
			<i>Explanation : Concrete Stem</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER**  
**Asset # : 13872**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Piers</b>								
Brngs,Ancr Blts,Pads Steel	100%			LIFE	**	2-8	\$5,300	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1, 3 Through 8.</i>								
<i>Explanation : Steel Bearings.</i>								
Mat (scour & erosion)								
Earth	97%			LIFE	**			
Earth	3%	0-2	\$500	LIFE	**			
<i>Erosion, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Span 10.</i>								
Pedestals								
Concrete	100%			LIFE	**			
Steel	100%			LIFE	**			
<b>Piles</b>								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Piers 1, 3 And 5</i>								
<i>Explanation : Piles Inaccessible.</i>								
<b>Deck Elements</b>								
Railings/Parapets								
Concrete	100%			2039	**	4	\$3,000	
Steel	100%			LIFE	**	2-8	\$8,200	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 Through 9.</i>								
<i>Explanation : Steel Rail And Fencing.</i>								
Wearing Surface								
Concrete	100%			2043	**	5		
<b>Superstructure</b>								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$7,400	
<b>Joints</b>								
Steel	100%			LIFE	**			
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : All Spans</i>								
Primary Member								
Steel	100%			LIFE	**	2-8	\$232,900	
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1-5 Concrete Within Girders.</i>								
<i>Corrosion, Extent : Light, Area Affected : 1%</i>								
<i>Location : Scattered Locations To Spans 1-8 Girders.</i>								
<i>Delaminations, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 5, Girder 1, At Pier 5.</i>								

**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**  
**WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER**  
**Asset # : 13872**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Communication Electrical

Communications  
Not Accessible

100%

## Control System Electrical

Control Console  
Metal

100% 0-2 \$2,200 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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority

## Vertical Lift

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WARDS ISLAND PEDESTRIAN BRIDGE OVER HARLEM RIVER**  
**Asset # : 13872**

Bridge Mechanical	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Vertical Lift								
Counter Weight Ropes & Gui								
Generic	20%	Now	\$235,200	2033	\$4,703,700			
<i>Other Observation, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Observed From Span And West Lower Level</i>								
<i>Explanation : Some Splay Shims Missing. One Cap Nut And Keeper Bolt Missing. Some Minor Corrosion And Paint Failure.</i>								
Generic	80%			2033	\$18,814,900			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Counter Weight Ropes And Guides</i>								
<i>Explanation : Only Observed From Span Level.</i>								
Counter Weight								
Main CTRWT	100%			2058			* *	
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Counter Weights</i>								
<i>Explanation : Only Observed From Span Level.</i>								
Houses								
Access Ways	100%			2033	\$300,500			
<i>Other Observation, Extent : Severe, Area Affected : 90%</i>								
<i>Location : Accessways</i>								
<i>Explanation : Most Of The Accessways Were Not Accessible For Observations.</i>								
Control House	100%	Now	\$64,800	2045			* *	
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Assistant Bridge Operator House</i>								
<i>Explanation : Advised Not To Enter Assistant Bridge Operator House Due To A Mold Condition. No Observations Made.</i>								
Main Drive System								
Not Accessible	100%							
Sheaves								
Not Accessible	100%							
Traffic Devices								
Barrier Gate	100%	Now	\$9,500	2033	\$189,900			
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Barrier Gates</i>								
<i>Explanation : Gate Latches Do Not Fully Engage When Closed. Gates Do Not Lock In The Open Position.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 04-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 2066919

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$1,051,600	\$563,900
<b>Total</b>	<b>\$1,051,600</b>	<b>\$563,900</b>
Importance Code A	\$558,900	\$88,600
Importance Code C	\$492,700	\$475,300
<b>Total</b>	<b>\$1,051,600</b>	<b>\$563,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$148,600		\$1,700	
<b>Total</b>	<b>\$148,600</b>		<b>\$1,700</b>	
Importance Code A	\$56,000		\$1,700	
Importance Code C	\$92,600			
<b>Total</b>	<b>\$148,600</b>		<b>\$1,700</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER**  
**Asset # : 2441**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Abutments</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Stem (breastwall)								
Granite	100%			LIFE			**	
			<i>Efflorescence, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Leakage, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : No Access To Stem. Bridge Component And Defects Identified From Biennial.</i>					
<b>Wingwalls</b>								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Not Accessible	100%							
Piles								
Not Accessible	100%							
Walls								
Granite	100%			LIFE			**	
			<i>Efflorescence, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Leakage, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Random Locations Throughout</i>					
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : No Access To Wingwall. Bridge Component And Defects Identified From Biennial.</i>					
<b>Feature Crossed</b>								
Bank Protection								
Masonry	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : No Access To Bank Protection. Bridge Component Identified From The Biennial.</i>					
Riprap	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : No Access To Bank Protection. Bridge Component Identified From The Biennial.</i>					
Mat (scour & erosion)								
Generic	100%			LIFE			**	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Throughout</i>					
			<i>Explanation : No Access To Mat (Scour &amp; Erosion). Bridge Component Identified From The Biennial.</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER**  
**Asset # : 2441**

Bridge Structure	Current Repair			Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Approaches								
Pavement								
Asphalt	100%	4+	\$34,500	2034	**	4	\$18,100	
<i>Cracks, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Embankment								
Not Accessible	100%							
Guide Railing								
Concrete	100%	4+	\$6,700	2042	**	4	\$4,600	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Throughout</i>								
Mat (scour & erosion)								
Not Accessible	100%							
Median								
Concrete	100%	4+	\$5,700	LIFE	**	5	\$900	
<i>Cracks, Extent : Light, Area Affected : 30%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Steel	100%			LIFE	**			
<i>Rust Stains, Extent : Light, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks								
Concrete	100%	4+	\$3,200	LIFE	**			
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
Piers								
Cap Beam								
Masonry	100%			LIFE	**			
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Substructure. Bridge Components Identified From Biennial.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER**  
**Asset # : 2441**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier Granite	100%			LIFE		**		
<i>Efflorescence, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Leakage, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Vegetation Growth, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Substructure. Bridge Components And Defects Identified From Biennial.</i>								
Brngs,Ancr Blts,Pads Not Accessible	100%							
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Substructure. Bridge Components Identified From Biennial.</i>								
Pedestals Not Accessible	100%							
Piles Not Accessible	100%							
<b>Deck Elements</b>								
Guide Railing Concrete	100%	4+	\$172,400	2046		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								
Median Concrete	100%	4+	\$121,100	LIFE		**	5	\$9,500
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
Railings/Parapets Masonry	100%	4+	\$176,800	2042		**	5	\$11,800
<i>Spalling, Extent : Light, Area Affected : 15%</i>								
<i>Location : Random Locations Throughout</i>								
Steel	100%	4+	\$43,500	LIFE		**	2-8	\$46,700
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Random Locations Throughout</i>								
Sidewalks Concrete	100%	4+	\$19,200	2038		**	5	\$5,200
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Random Locations Throughout</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WASHINGTON BRIDGE WASHINGTON BRIDGE/HARLEM RIVER**  
**Asset # : 2441**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Deck Elements</b>								
Wearing Surface Asphalt	100%	4+	\$35,700	2034	**	5	\$52,000	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : Rutting</i>								
Concrete	100%	0-2	\$386,400	2042	**	5	\$423,300	
<i>Spalling, Extent : Moderate, Area Affected : 1%</i>								
<i>Location : Random Locations Throughout</i>								
<b>Scupper</b>								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Limited Access To Scuppers. Total Of 80 Scuppers</i>								
<b>Superstructure</b>								
Deck,Structural Concrete	100%			LIFE	**	5	\$177,300	
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : No Access To Superstructure. Bridge Component Identified From Biennial.</i>								
<b>Joints</b>								
Steel	100%	0-2	\$106,300	LIFE	**			
<i>Broken/Missing Elements, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Loose Joint Plates, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Span 5 Westbound</i>								
<b>Primary Member</b>								
Not Accessible	100%							
<b>Secondary Member</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 08-Mar-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224005A

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$622,200	\$622,200
<b>Total</b>	<b>\$622,200</b>	<b>\$622,200</b>
Importance Code A	\$345,700	\$345,700
Importance Code B	\$276,400	\$276,400
<b>Total</b>	<b>\$622,200</b>	<b>\$622,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$207,600		\$76,600	
<b>Total</b>	<b>\$207,600</b>		<b>\$76,600</b>	
Importance Code A	\$157,300		\$48,800	
Importance Code B	\$50,300		\$27,700	
Importance Code C				
<b>Total</b>	<b>\$207,600</b>		<b>\$76,600</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE FROM FDR DR/HARLEM RIVER DRIVE**  
**Asset # : 4240**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Not Accessible	100%							
Backwall								
Not Accessible	100%							
Brngs,Ancr Blts,Pads								
Not Accessible	100%							
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE		**		
Mat (scour & erosion)								
Generic	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								
Concrete	100%			LIFE		**		
			<i>Other Observation, Extent : N/A, Area Affected : 50%</i>					
			<i>Location : At South Approach</i>					
			<i>Explanation : Only On South Approach, Southeast Wall Not Accessible</i>					
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE		**		
Approaches								
Pavement								
Concrete	100%			2046		**	4	
Embankment								
Earth	100%			LIFE		**		
Mat (scour & erosion)								
Earth	100%			LIFE		**		
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2046		**	4	
Piers								
Cap Beam								
Steel	100%			LIFE		**	2-8	\$268,000
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 FROM FDR DR/HARLEM RIVER DRIVE**  
**Asset # : 4240**

Bridge Structure	Current Repair		Future Replacement		Maintenance		Priority	
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Stem,Solid Pier								
Masonry	100%			LIFE			**	
		<i>Other Observation, Extent : N/A, Area Affected : 50%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Graffiti On Fascia</i>						
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2059			**	
Multi-Rotational Bearing	100%			2068			**	
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%			2053		**	5	\$14,800
Railings/Parapets								
Concrete	100%			2042		**	4	\$28,300
Scupper								
Cast Iron	100%			LIFE			**	
		<i>Other Observation, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Throughout</i>						
		<i>Explanation : Total Of 8 Scuppers</i>						
Superstructure								
Deck,Structural								
Concrete	100%			LIFE		**	5	\$53,100
Joints								
Generic	100%			LIFE			**	
Primary Member								
Steel	100%			LIFE		**	2-8	\$885,000
Secondary Member								
Steel	100%			LIFE		**	2-8	\$759,300

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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 06-Dec-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** : 224005B

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure		\$797,700
<b>Total</b>		<b>\$797,700</b>
Importance Code A		\$194,700
Importance Code B		\$116,800
Importance Code C		\$486,300
<b>Total</b>		<b>\$797,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$18,300	\$5,900	\$31,200	
<b>Total</b>	<b>\$18,300</b>	<b>\$5,900</b>	<b>\$31,200</b>	
Importance Code A	\$11,300		\$19,500	
Importance Code B			\$11,700	
Importance Code C	\$7,000	\$5,900		
<b>Total</b>	<b>\$18,300</b>	<b>\$5,900</b>	<b>\$31,200</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE RAMP TO BRUCKNER BLVD.**

**Asset # : 14727**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Abutments								
Bridge Seat&pedestals								
Concrete	100%			LIFE	**			
Backwall								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051	**			
Footings								
Not Accessible	100%							
Joint with Deck								
Generic	100%			LIFE	**			
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Stem (breastwall)								
Concrete	100%			LIFE	**			
Walls								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Masonry: Schist / Gneiss</i>								
Wingwalls								
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Piles								
Not Accessible	100%							
Walls								
Masonry: Schist/Gneiss	100%			LIFE	**			
Feature Crossed								
Mat (scour & erosion)								
Generic	100%			LIFE	**			
Approaches								
Pavement								
Asphalt	100%			2032	\$486,300	4	\$20,900	
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pavement Base								
Not Accessible	100%							
Railings/Parapets								
Concrete	100%			2040	**	4	\$11,200	
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : North Apporach</i>								
<i>Explanation : 1 Scupper</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE RAMP TO BRUCKNER BLVD.**

**Asset # : 14727**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Piers								
Cap Beam								
Concrete	100%			LIFE	**			
Pier,Columns								
Concrete	100%			LIFE	**			
Stem,Solid Pier								
Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads								
Elastomeric	100%			2051	**			
Footings								
Not Accessible	100%							
Mat (scour & erosion)								
Earth	100%			LIFE	**			
Pedestals								
Concrete	100%			LIFE	**			
Piles								
Not Accessible	100%							
Deck Elements								
Railings/Parapets								
Concrete	100%			2040	**	4	\$22,800	
Wearing Surface								
Concrete	100%			2040	**	5	\$11,700	
Scupper								
Cast Iron	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Random Locations Throughout</i>								
<i>Explanation : 3 Scuppers</i>								
Superstructure								
Deck,Structural								
Concrete	100%			LIFE	**	5	\$22,700	
<i>Corrosion, Extent : Light, Area Affected : 2%</i>								
<i>Location : Random Locations Throughout Stay In Place Form</i>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bridge Structure	\$180,500	\$2,277,600
Bridge Electrical		\$1,400,600
Bridge Mechanical	\$92,300	
<b>Total</b>	<b>\$272,800</b>	<b>\$3,678,200</b>
Importance Code A		\$1,213,400
Importance Code B	\$92,300	\$2,284,400
Importance Code C	\$180,500	\$180,500
<b>Total</b>	<b>\$272,800</b>	<b>\$3,678,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bridge Structure	\$21,700	\$65,300	\$192,100	
Bridge Electrical	\$700			
Bridge Mechanical	\$131,800	\$32,300	\$53,900	\$32,300
<b>Total</b>	<b>\$154,200</b>	<b>\$97,600</b>	<b>\$246,000</b>	<b>\$32,300</b>
Importance Code A		\$38,500	\$103,500	
Importance Code B	\$132,500	\$32,300	\$142,500	\$32,300
Importance Code C	\$21,700	\$26,800		
<b>Total</b>	<b>\$154,200</b>	<b>\$97,600</b>	<b>\$246,000</b>	<b>\$32,300</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER**  
**Asset # : 4239**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Abutments								
Bridge Seat&pedestals Concrete	100%			LIFE	**			
Backwall Concrete	100%			LIFE	**			
Brngs,Ancr Blts,Pads Elastomeric	100%			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	**			
<i>Other Observation, Extent : Light, Area Affected : 1% Location : Both Approaches. Explanation : Curbs Are Incorporated Into The Barrier.</i>								
Embankment Not Accessible	100%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER**  
**Asset # : 4239**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Approaches</b>								
Guide Railing								
Concrete	100%			2045	**	4	\$19,700	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Both Approaches.</i>								
<i>Explanation : Guide Railing Is Located On Both Sides Of The Roadway.</i>								
Steel	100%			LIFE	**	2-8	\$13,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Both Approaches.</i>								
<i>Explanation : Guide Railing Is Located On Both Sides Of The Roadway.</i>								
<b>Mat (scour &amp; erosion)</b>								
Not Accessible	100%							
<b>Railings/Parapets</b>								
Concrete	100%			2045	**	4		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Both Approaches.</i>								
<i>Explanation : Pedestrian Railing Along North Side.</i>								
Steel	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Both Approaches.</i>								
<i>Explanation : Pedestrian Railing Along North Side.</i>								
<b>Sidewalks</b>								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Both Approaches.</i>								
<i>Explanation : Sidewalk On North Side Only.</i>								
<b>Piers</b>								
Cap Beam								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1 - 5, 7 - 12.</i>								
<i>Explanation : Concrete Capbeams</i>								
Steel	100%			LIFE	**	2-8	\$261,800	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 6, 13, 14.</i>								
<i>Explanation : Steel Capbeams</i>								
<b>Pier,Columns</b>								
Concrete	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 2, 3, 12 - 14.</i>								
<i>Explanation : Concrete Pier Columns.</i>								
Granite	100%			LIFE	**			
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 1, 4 - 12.</i>								
<i>Explanation : Granite Pier Columns.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER**  
**Asset # : 4239**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Piers</b>								
Stem,Solid Pier Granite	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Pier 6</i>								
<i>Explanation : Granite Solid Stem.</i>								
Brngs,Ancr Blts,Pads Generic	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 10%</i>								
<i>Location : Span 6 Center Pier, Center Bearing Pad</i>								
Footings Not Accessible	100%							
Mat (scour & erosion) Earth	100%			LIFE		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 9 - 13.</i>								
<i>Explanation : Earth Mat.</i>								
Pedestals Concrete	100%			LIFE		**		
<i>Cracks, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 5 And 7</i>								
<b>Deck Elements</b>								
Curbs Concrete	100%			2060		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 15.</i>								
<i>Explanation : Curb Is Integral With Traffic Barrier.</i>								
Guide Railing Concrete	100%			2050		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 15.</i>								
<i>Explanation : Guide Railing Is Located On Both Sides Of The Roadway.</i>								
Steel	100%			LIFE		**		
<i>Damaged Railing, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Spans 6 And 7, South Railing, North Face</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 15.</i>								
<i>Explanation : Guide Railing Is Located On Both Sides Of The Roadway.</i>								
Railings/Parapets Concrete	100%			2045		**	4	\$95,700
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 15.</i>								
<i>Explanation : Pedestrian Railing Along North Side Only.</i>								
Steel	100%			LIFE		**	2-8	\$87,600
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 15.</i>								
<i>Explanation : Pedestrian Railing On North Side Only.</i>								

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Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER**  
**Asset # : 4239**

Bridge Structure		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
<b>Sidewalks</b>								
Concrete	100%	4+	\$21,700	2040	**	5	\$16,000	
<i>Cracks, Extent : Light, Area Affected : 5%</i>								
<i>Location : Spans 8 - 11.</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 15.</i>								
<i>Explanation : Sidewalk On North Side Only.</i>								
<hr/>								
<b>Wearing Surface</b>								
Concrete	100%			2045	**	5	\$361,000	
<i>Spalling, Extent : Light, Area Affected : 1%</i>								
<i>Location : Span 6, Left Lane</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 5, And 8 - 15.</i>								
<i>Explanation : Concrete Wearing Surface.</i>								
Steel Grating	100%			LIFE	**	5		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 6 And 7.</i>								
<i>Explanation : Steel Grating Wearing Surface. Not Observed This Cycle.</i>								
<hr/>								
<b>Superstructure</b>								
<b>Deck, Structural</b>								
Concrete	100%			LIFE	**	5	\$121,300	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 1 - 5, And 8 - 15.</i>								
<i>Explanation : Concrete Deck.</i>								
Steel Grating	100%			LIFE	**	5	\$66,400	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Spans 6 And 7.</i>								
<i>Explanation : Steel Grating In Swing Spans</i>								
<hr/>								
<b>Joints</b>								
Generic	100%			LIFE	**			
<i>Leakage, Extent : Light, Area Affected : 50%</i>								
<i>Location : Piers 2, 4, 5, 7, 8, 10, 11, 13, And 14</i>								
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Piers 2, 4, 5, 7, 8, 10, 11, 13, And 14</i>								
<i>Explanation : Joints.</i>								
<hr/>								
<b>Primary Member</b>								
Steel	100%			LIFE	**	2-8	\$1,650,700	
<hr/>								
<b>Secondary Member</b>								
Steel	100%			LIFE	**	2-8	\$1,382,800	
<hr/>								
<b>Movable Bridges</b>								
<b>Swing Span Truss</b>								
Steel	100%			LIFE	**			
<hr/>								
<b>Swing Span Pivot Pier</b>								
Concrete	100%			LIFE	**			

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Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER**  
**Asset # : 4239**

<b>Bridge Electrical</b>	<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>	
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Communication Electrical</b>								
Communications								
Generic	100%			2030	\$87,300			
<b>Control System Electrical</b>								
Computer								
PLC	100%			2030	\$1,112,500			
Control Console								
Stainless Steel	100%			LIFE	* *			
Disconnect Switch								
Non Fused	100%			2050	* *			
Limit Switch								
Rotary	100%			2030	\$84,000			
<b>Electrical Power</b>								
Transfer Switch								
Auto	100%			2050	* *			
Transformer								
Dry	100%			2050	* *			
Dist Equip & Motor Controll								
Generic	100%			2050	* *			
<b>Ground/Lightning Protection</b>								
Ground Bus								
Copper	100%			2035	* *			
Ground Rod								
Copper	100%			2030	\$49,200			
Ground Wire								
Green	100%			2035	* *			
Copper Down Contactor	100%			2035	* *			
Lightning Terminals								
Copper	100%			2030	\$116,900			
<b>Power Over 600V</b>								
Service Equipment								
Fused Switch	100%			2050	* *			
Transformer								
Dry	100%			2050	* *			
<b>Raceway</b>								
Conduit								
Metal	100%			2070	* *			
Submarine Control Cables								
Control	100%			2035	* *			
Wires								
Thermoplastic	100%			2050	* *			
<b>Span Lock</b>								
Motor								
Squirrel Cage	100%			2045	* *			
<b>Stand-by Power</b>								
Transfer Switch								
Auto	100%			2050	* *			
<b>Traffic System Electrical</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future 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**  
**WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER**  
**Asset # : 4239**

<b>Bridge Electrical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Traffic System Electrical								
Barrier Gate Lighting								
Incandescent	100%	Now	\$700	2030	\$34,900			
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : South East And North East Warning Gates</i>								
<i>Explanation : 2 South East And 2 North East Barrier Gate Arm Lights Out</i>								
Traffic Gate Lighting								
Incandescent	100%			2030	\$34,900			
Lighting								
Lighting Devices								
Generic	100%			2035	**			
<b>Bridge Mechanical</b>								
<b>Bridge Mechanical</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Swing								
Center Latch								
Generic	100%			2065	**	2	\$22,500	
Center Lift								
Generic	100%			2065	**	2	\$26,900	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Center Lift</i>								
<i>Explanation : Minor Leakage.</i>								
Center Pivot								
Generic	100%			2065	**	2	\$67,400	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Center Pivot</i>								
<i>Explanation : Minor Leakage And Breather Getting Close To Saturated. Some Cracks In Grout.</i>								
Emergency Drive								
Emergency Power	100%	Now	\$9,800	2065	**	2	\$35,900	
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Emergency Drive Hydraulic Power Unit</i>								
<i>Explanation : No Operation Observed. Small Crack In Engine Belt Cover. Exhaust May Need To Be Sealed. Minor Leakage.</i>								
End Lift								
Generic	100%			2065	**	2	\$44,900	
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : End Lifts</i>								
<i>Explanation : Minor Leakage.</i>								
Fuel Tanks								
Generic	100%			2047	**			

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\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WILLIS AVE. BRIDGE MOVABLE SPAN WILLIS AVE/HARLEM RIVER**  
**Asset # : 4239**

Bridge Mechanical		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Swing								
Houses								
Access Ways	100%			2065		**		
Control House	100%	Now	\$42,500	2065		**		
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Control House And Assistant Bridge Operator House</i>								
<i>Explanation : Control Room Door Knob Broken. Water In Assistant House Only Gets Warm. Alarm Needs To Be Repaired.</i>								
HVAC	100%	Now	\$15,400	2065		**		
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Control House</i>								
<i>Explanation : Ac Requires Repair.</i>								
Machinery Room	100%	Now	\$24,700	2065		**		
<i>Other Observation, Extent : Light, Area Affected : 1%</i>								
<i>Location : Machinery Room</i>								
<i>Explanation : Small Leak In Ceiling Of Machinery Room.</i>								
Main Drive System								
Generic	100%	Now	\$92,300	2065		**	2	\$179,600
<i>Other Observation, Extent : Moderate, Area Affected : 2%</i>								
<i>Location : Operating Machinery</i>								
<i>Explanation : Minor Maintenance And Paint Repair Required. Tach Covers Are Loose.</i>								
Rack								
Generic	100%			LIFE		**		
Traffic Devices								
Barrier Gate	100%	Now	\$22,900	2043		**		
<i>Other Observation, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Barrier Gates, Observed From North Sidewalk Only</i>								
<i>Explanation : Some Guy Wire Need Repair And Or Adjustment.</i>								
Warning Gate	100%	Now	\$16,400	2043		**		
<i>Other Observation, Extent : Severe, Area Affected : 1%</i>								
<i>Location : Warning Gates, Observed From North Sidewalk Only</i>								
<i>Explanation : Some Adjustments May Be Required.</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Piers	\$718,800	
<b>Total</b>	<b>\$718,800</b>	
Importance Code A	\$302,500	
Importance Code B	\$248,900	
Importance Code C	\$167,400	
<b>Total</b>	<b>\$718,800</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Piers				
<b>Total</b>				
Importance Code A				
Importance Code B				
Importance Code C				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**COAL DOCK -TIMBER PILE SUPPORTED CONCRETE PIER**

**Asset # : 1790**

Piers		Current Repair			Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck									
	Concrete	25%			LIFE	**	5	\$3,600	
		<i>Cracking, Extent : Light, Area Affected : 5%</i>							
		<i>Location : Isolated Locations</i>							
		<i>Spalling, Extent : Light, Area Affected : 5%</i>							
		<i>Location : Isolated Locations</i>							
	Concrete	15%	4+	\$50,100	LIFE	**	5	\$2,200	
		<i>Surface Wearing/Scaling, Extent : Moderate, Area Affected : 50%</i>							
		<i>Location : At Construction Joints On North Side Of Pier And Approach</i>							
	Concrete	20%	0-2	\$111,400	LIFE	**	5	\$2,900	
		<i>Spalling, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : At Loading Ramp And At Northwest Corner</i>							
	Not Accessible	40%							
Pile Caps									
	Timber	55%			LIFE	**	4	\$33,500	
		<i>Rotting/Splitting, Extent : Light, Area Affected : 30%</i>							
		<i>Location : Isolated Locations</i>							
	Not Accessible	45%							
Piles and Bracing									
	Timber	30%	4+	\$141,000	LIFE	**	4-5	\$10,400	
		<i>Rotting/Splitting, Extent : Moderate, Area Affected : 60%</i>							
		<i>Location : Approach And Pier Head</i>							
	Timber	20%			LIFE	**	4-5	\$7,000	
		<i>Rotting/Splitting, Extent : Light, Area Affected : 40%</i>							
		<i>Location : Isolated Locations</i>							
	Not Accessible	50%							
Fender									
Wales and Chocks									
	Timber	55%	Now	\$76,300	2045	**	4	\$16,400	
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : Isolated Locations</i>							
	No Component	45%							
Piles									
	Timber	55%	Now	\$120,800	2045	**	4	\$7,600	
		<i>Missing Part, Extent : Severe, Area Affected : 100%</i>							
		<i>Location : Offshore End</i>							
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 75%</i>							
		<i>Location : At North Ends Of Approach And Pier Head</i>							
	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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Pile Cluster								
Timber	70%	Now	\$117,200	2035	**	4	\$11,000	
	<i>Rotting/Splitting, Extent : Severe, Area Affected : 25%</i>							
	<i>Location : In Tidal Zone</i>							
	<i>Other Observation, Extent : Severe, Area Affected : 10%</i>							
	<i>Location : Offshore End</i>							
	<i>Explanation : Crushing</i>							
Timber	30%	2-4	\$50,200	2035	**	4	\$4,700	
	<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>							
	<i>Location : In Tidal Zone</i>							
Deck Elements								
Coping/Curb								
Timber	7%	Now	\$4,700	LIFE	**			
	<i>Missing Part, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Several Sections Totaling 40 Feet</i>							
Timber	53%	4+	\$26,800	LIFE	**			
	<i>Rotting/Splitting, Extent : Moderate, Area Affected : 20%</i>							
	<i>Location : At Approach And Offshore Pier Head</i>							
Timber	40%	2-4	\$20,300	LIFE	**			
	<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>							
	<i>Location : Isolated Hollowed Sections</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 21-Jan-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 967 **Lot** : 50 **BIN** :

**CAPITAL**

**Total**

Importance Code

**Total**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Piers	\$58,400	\$6,600	\$3,900	
<b>Total</b>	<b>\$58,400</b>	<b>\$6,600</b>	<b>\$3,900</b>	
Importance Code A	\$58,400			
Importance Code B		\$6,600		
Importance Code C			\$3,900	
<b>Total</b>	<b>\$58,400</b>	<b>\$6,600</b>	<b>\$3,900</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 34TH STREET FERRY PIER**  
**Asset # : 14638**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Deck								
	Concrete	50%		LIFE	**	5	\$6,000	
	Not Accessible	50%						
Deck Surface								
	Asphalt Pavers	60%		2045	**			
	Timber	30%		2041	**	5	\$7,800	
	Not Accessible	10%						
Pile Caps								
	Concrete	99%		LIFE	**	5	\$400	
	Concrete	1%	4+	\$1,900	LIFE	**	5	
	<i>Spalling, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : East Face Of Bent 1 And Bent 2 At West End Of Pier</i>							
Piles and Bracing								
	Steel	5%	4+	\$43,400	LIFE	**	5	\$5,000
	<i>Corrosion, Extent : Light, Area Affected : 50%</i>							
	<i>Location : In Tidal Zone On All H-piles</i>							
	Steel	10%			LIFE	**	5	\$9,900
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : All Piles On North Section Of Pier Have Epoxy Encasements</i>							
	<i>Explanation : Epoxy Encasements</i>							
	Not Accessible	85%						
Fender								
Wales and Chocks								
	Timber	60%		2041	**	4	\$18,500	
	No Component	40%						
Piles								
	Timber	10%		2041	**	4	\$1,400	
	No Component	40%						
	Not Accessible	50%						
Pile Cluster								
	Timber	30%		2033		4-10		
	<i>Loose Wrapping, Extent : Light, Area Affected : 10%</i>							
	<i>Location : One Cluster On North Side</i>							
	Not Accessible	70%						
Deck Elements								
Railing								
	Steel	70%		2030				
	No Component	30%						
Electrical								
Conduit								
	Steel	100%		2030				
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Various Steel Conduits Along Pier Perimeter Totaling Approximately 1,950 Linear Feet In Length</i>							
	<i>Explanation : Location</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**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
Electrical								
Lighting Fixture								
LED	70%			2030	\$30,500			
	<i>Other Observation, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Seven Light Poles On The Pier</i>							
	<i>Explanation : Light Poles</i>							
LED	30%	Now	\$13,100	2032	\$13,100			
	<i>Broken, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : Three Sets Of Lights In Pier Canopy</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

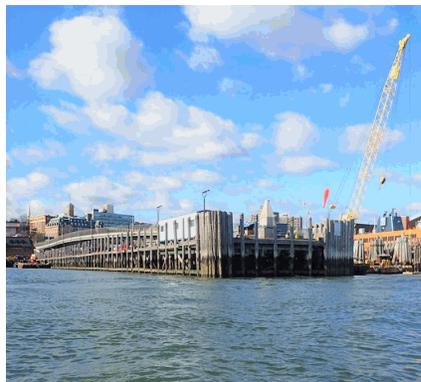
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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-Dec-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1 **Lot** : 70 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Piers	\$276,600	
<b>Total</b>	<b>\$276,600</b>	
Importance Code A	\$52,400	
Importance Code C	\$224,100	
<b>Total</b>	<b>\$276,600</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Piers	\$107,800	\$3,800	\$9,600	\$29,200
<b>Total</b>	<b>\$107,800</b>	<b>\$3,800</b>	<b>\$9,600</b>	<b>\$29,200</b>
Importance Code A	\$56,200			
Importance Code B	\$51,600	\$3,800	\$9,600	\$29,200
Importance Code C				
<b>Total</b>	<b>\$107,800</b>	<b>\$3,800</b>	<b>\$9,600</b>	<b>\$29,200</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**FERRY MAINTENANCE FACILITY PIER B1**  
**Asset # : 4521**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural								
Deck								
Concrete	3%	4+	\$52,400	LIFE	**	5	\$1,400	
<i>Cracking, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Center Of Pier, 150 Feet From East End</i>								
<i>Spalling, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : South Side Of Expansion Joint 270 Feet From West End, And Center Of Offshore Section Of Pier</i>								
Concrete	72%			LIFE	**	5	\$32,700	
Not Accessible	25%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Inshore Half Of The Pier And Offshore 60 Feet</i>								
<i>Explanation : Steel Stay-in-place Formwork</i>								
Firewalls								
Concrete	70%			LIFE	**	5	\$1,900	
Not Accessible	30%							
Pile Caps								
Timber	96%			LIFE	**	4	\$183,700	
Timber	2%	2-4	\$24,700	LIFE	**	4	\$3,800	
<i>Rotting/Splitting, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Ends Of Offshore Pile Caps</i>								
Timber	2%			LIFE	**	4	\$3,800	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 50%</i>								
<i>Location : Sister Caps And Line Caps Installed At Pile Cap Ends At Offshore End Of Pier</i>								
Piles and Bracing								
Timber	2%	Now	\$29,500	LIFE	**	4-5	\$2,200	
<i>Broken, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Isolated Locations Primarily Within Offshore 220 Feet Of Pier</i>								
Timber	28%			LIFE	**	4-5	\$30,500	
Not Accessible	70%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Throughout</i>								
<i>Explanation : 20 Percent With Encasements</i>								
Fender								
Buffer								
Rubber	100%			2041	**	4-5	\$30,700	
Wales and Chocks								
Timber	90%			2035	**	4	\$50,000	
Timber	10%	4+	\$25,800	2035	**	4	\$5,600	
<i>Loose Connections, Extent : Severe, Area Affected : 2%</i>								
<i>Location : Steel Connecting Hardware Between The Pier Deck And Fender System</i>								
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Low Water Wale</i>								
<i>Worn, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Low Water Wale</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FERRY MAINTENANCE FACILITY PIER B1**  
**Asset # : 4521**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Piles								
Timber	2%	Now	\$16,400	2047	**	4	\$500	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated Piles Along Entire Fender System</i>								
Timber	33%			2035	**	4	\$8,500	
Not Accessible	65%							
Pile Cluster								
Timber	75%	Now	\$224,100	2037	**	4	\$8,400	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Broken Piles In Tidal Zone</i>								
<i>Loose Wrapping, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At Northwest End</i>								
Not Accessible	25%							
Deck Elements								
Coping/Curb								
Concrete	2%			LIFE	**			
<i>Spalling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Northwest Corner Of Curb</i>								
Timber	93%			LIFE	**			
Timber	5%	Now	\$9,400	LIFE	**			
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated Along Entire Curb</i>								
<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Isolated Along Entire Curb</i>								
Electrical								
Conduit								
Steel	30%	4+	\$2,000	2031			\$39,200	
<i>Broken, Extent : N/A, Area Affected : 15%</i>								
<i>Location : Splits In Conduit Couplers Leading To Junction Box Affecting 30 Feet, 230 Feet From West End</i>								
PVC	70%			2029			\$49,800	
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Conduit For Light Fixtures Along Southern Side Of Pier</i>								
Lighting Fixture								
LED	100%			2031				
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : 9 Light Fixtures</i>								
<i>Explanation : Other</i>								
Mechanical/ Plumbing								
Water Supply								
Galvanized Steel	100%			2030				
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Fire Water Line Repainted Along Entire Length</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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-Dec-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1 **Lot** : 70 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Piers	\$397,200	\$85,600
<b>Total</b>	<b>\$397,200</b>	<b>\$85,600</b>
Importance Code A	\$193,700	\$85,600
Importance Code B	\$203,500	
<b>Total</b>	<b>\$397,200</b>	<b>\$85,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Piers	\$21,400	\$6,400	\$15,900	\$26,100
<b>Total</b>	<b>\$21,400</b>	<b>\$6,400</b>	<b>\$15,900</b>	<b>\$26,100</b>
Importance Code A				
Importance Code B	\$21,400	\$6,400	\$15,900	\$26,100
<b>Total</b>	<b>\$21,400</b>	<b>\$6,400</b>	<b>\$15,900</b>	<b>\$26,100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FERRY MAINTENANCE FACILITY PIER B2**  
**Asset # : 4522**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Structural Deck</b>								
Concrete	75%			LIFE	**	5	\$85,600	
<i>Cracking, Extent : Light, Area Affected : 5%</i>								
<i>Location : Entire Deck Surface</i>								
<i>Spalling, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Locations, Primarily Offshore Half</i>								
Not Accessible	25%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Soffit Of Inshore Half Of Pier</i>								
<i>Explanation : Stay-in-place Formwork</i>								
<b>Firewalls</b>								
Concrete	70%			LIFE	**	5	\$4,800	
Not Accessible	30%							
<b>Pile Caps</b>								
Concrete	2%			LIFE	**	5	\$100	
Timber	98%			LIFE	**	4	\$471,600	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 10%</i>								
<i>Location : Sister Caps Installed At Offshore Ends Of Pile Caps</i>								
<b>Piles and Bracing</b>								
Steel	2%	4+	\$82,500	LIFE	**	5	\$18,800	
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Top 4 Feet</i>								
Timber	3%	4+	\$111,300	LIFE	**	4-5	\$8,200	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Typically In The Tidal Zone</i>								
Timber	15%			LIFE	**	4-5	\$41,200	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 15%</i>								
<i>Location : Bracing Replaced On Offshore End</i>								
Not Accessible	80%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Middle To Offshore End Of Pier</i>								
<i>Explanation : 20 Percent Of Piles Are Encased</i>								
<b>Fender Buffer</b>								
Rubber	100%			2041	**	4-5	\$50,800	
<b>Wales and Chocks</b>								
Timber	45%			2035	**	4	\$41,500	
Timber	5%	4+	\$21,400	2035	**	4	\$4,600	
<i>Worn, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Isolated Across Entire Fender System</i>								
<i>Other Observation, Extent : Severe, Area Affected : 2%</i>								
<i>Location : At One Location Between Pier Deck And Fender System</i>								
<i>Explanation : Steel Connecting Hardware Is Not Connected</i>								
Not Accessible	50%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FERRY MAINTENANCE FACILITY PIER B2**  
**Asset # : 4522**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Piles								
Timber	5%	4+	\$67,800	2047	**	4	\$2,100	
<i>Worn, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Above Mean Low Water Elevation</i>								
Timber	5%	Now	\$67,800	2047	**	4	\$2,100	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Impact Damage At Isolated Piles Across Fender System</i>								
Timber	25%			2035	**	4	\$10,600	
Timber	5%	Now	\$67,800	2047	**	4	\$2,100	
<i>Marine Borer Infestation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated Fender Piles Across Entire Fender System</i>								
Not Accessible	60%							
Deck Elements								
Coping/Curb								
Concrete	5%			LIFE	**			
Timber	95%			LIFE	**			
<i>Rotting/Splitting, Extent : Light, Area Affected : 20%</i>								
<i>Location : Isolated Location Along Entire Timber Curb</i>								
Electrical								
Conduit								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Steel Grating Covering Utilities On Both Sides Of The Pier</i>								
<i>Explanation : Covered</i>								
Lighting Fixture								
LED	100%			2031				
<i>Other Observation, Extent : N/A, Area Affected : 100%</i>								
<i>Location : 18 Light Fixtures</i>								
<i>Explanation : Other</i>								
Mechanical/ Plumbing								
Water Supply								
Not Accessible	100%							
<i>Other Observation, Extent : N/A, Area Affected : 0%</i>								
<i>Location : Steel Grating Covering Utilities On Both Sides Of The Pier</i>								
<i>Explanation : Covered</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : PIER 1 SOUTH OF FERRY MAINT FACILITY  
**Address** : ST GEORGE  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0146.000 / 4523 **Yr Built/Renovated** :  
**Area Sq Ft** : 49,870 **Project Type** : FERRIES  
**Date of Survey** : 02-Jul-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1 **Lot** : 70 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Piers	\$1,571,700	\$1,474,300
<b>Total</b>	<b>\$1,571,700</b>	<b>\$1,474,300</b>
Importance Code A	\$854,400	\$92,000
Importance Code C	\$717,300	\$1,382,300
<b>Total</b>	<b>\$1,571,700</b>	<b>\$1,474,300</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Piers	\$62,500			
<b>Total</b>	<b>\$62,500</b>			
Importance Code A	\$59,700			
Importance Code C	\$2,800			
<b>Total</b>	<b>\$62,500</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PIER 1 SOUTH OF FERRY MAINT FACILITY**  
**Asset # : 4523**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Structural								
Deck								
	Concrete	2%	Now	\$42,900	LIFE	**	5	\$1,900
		<i>Cracking, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : At East End Of Pier</i>						
		<i>Exposed Reinforcement, Extent : Severe, Area Affected : 10%</i>						
		<i>Location : Underdeck East Side At Edge And Throughout Soffit</i>						
	Concrete	97%			LIFE	**	5	\$90,100
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : On The Topside Of The Deck Surface</i>						
	Not Accessible	1%						
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : At South Side Of Pier</i>						
		<i>Explanation : Under Building</i>						
Pile Caps								
	Concrete	25%	4+	\$250,300	LIFE	**	5	\$800
		<i>Spalling, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Delamination And Spalling On Concrete Encased Steel Beams</i>						
	Timber	75%			LIFE	**	4	\$293,900
Piles and Bracing								
	Caissons	5%	4+	\$16,800	LIFE	**	5	\$3,100
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Mid-pier Stone Masonry Support Bent</i>						
		<i>Explanation : Missing Joint Mortar At Stone Masonry Bent</i>						
	Timber	20%	Now	\$604,100	LIFE	**	4-5	\$44,700
		<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Offshore 500 Feet Of Pier</i>						
	Not Accessible	75%						
		<i>Other Observation, Extent : Light, Area Affected : 0%</i>						
		<i>Location : Throughout Pier</i>						
		<i>Explanation : 15 Percent Encased</i>						
Fender								
Pile Cluster								
	Timber	80%	Now	\$717,300	2032	\$1,195,500	4	\$44,900
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : In Tidal Zone</i>						
		<i>Loose Wrapping, Extent : Moderate, Area Affected : 25%</i>						
		<i>Location : Above Mean Low Water</i>						
	Timber	10%			2032	\$149,400	4-10	\$45,800
	Not Accessible	10%						
Deck Elements								
Railing								
	Steel	100%			2029			
Coping/Curb								
	Timber	100%			LIFE	**		
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  
PIER 1 SOUTH OF FERRY MAINT FACILITY  
Asset # : 4523**

Piers System Component Type	Current Repair		Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	

Electrical

Lighting Fixture  
Incandescent

100%

2025

*Other Observation, Extent : Light, Area Affected : 100%*

*Location : Five Lights On The Approach And 16 Lights On The Pier*

*Explanation : Pier 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.

Print Date: 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Piers		\$730,000
<b>Total</b>		<b>\$730,000</b>
Importance Code B		\$730,000
<b>Total</b>		<b>\$730,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Piers	\$73,300			\$31,600
<b>Total</b>	<b>\$73,300</b>			<b>\$31,600</b>
Importance Code A	\$45,600			
Importance Code B	\$12,700			\$31,300
Importance Code C	\$14,900			\$300
<b>Total</b>	<b>\$73,300</b>			<b>\$31,600</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**PIER 11 WALL STREET FERRY PIER**  
**Asset # : 4340**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Structural</b>								
<b>Deck</b>								
Concrete	53%			LIFE	**	5	\$31,400	
<i>Cracking, Extent : Light, Area Affected : 2%</i>								
<i>Location : Deck Surface</i>								
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 10%</i>								
<i>Location : Light Wear In Painted Deck Surface</i>								
Concrete	2%	Now	\$45,600	LIFE	**	5	\$1,200	
<i>Spalling, Extent : Moderate, Area Affected : 5%</i>								
<i>Location : Southwest Corner Of Pier And Offshore Structure South Face</i>								
Not Accessible	45%							
<b>Pile Caps</b>								
Concrete	2%			LIFE	**	5		
Not Accessible	98%							
<b>Piles and Bracing</b>								
Not Accessible	100%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : All Piles</i>								
<i>Explanation : Epoxy Encasements</i>								
<b>Fender</b>								
<b>Wales and Chocks</b>								
Timber	73%			2039	**	4	\$49,900	
<i>Rotting/Splitting, Extent : Light, Area Affected : 5%</i>								
<i>Location : Top Of Chocks</i>								
Timber	2%	Now	\$12,700	2045	**	4	\$1,400	
<i>Broken, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inshore End Of Pier, North And South Sides</i>								
No Component	25%							
<b>Piles</b>								
Timber	40%			2039	**	4	\$12,600	
No Component	25%							
Not Accessible	35%							
<b>Pile Cluster</b>								
Timber	25%			2031	\$14,900	4-10	\$4,300	
Timber	25%	Now	\$14,900	2035	**	4	\$600	
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Southeast Corner Of Pier</i>								
Not Accessible	50%							
<b>Deck Elements</b>								
<b>Railing</b>								
Steel	100%			2028	\$730,000			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : Perimeter Of Pier</i>								
<b>Electrical</b>								
<b>Lighting Fixture</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Piers	\$230,900	\$831,700
<b>Total</b>	<b>\$230,900</b>	<b>\$831,700</b>
Importance Code A		\$602,800
Importance Code B	\$230,900	\$198,900
Importance Code C		\$29,900
<b>Total</b>	<b>\$230,900</b>	<b>\$831,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Piers	\$88,400		\$15,500	\$600
<b>Total</b>	<b>\$88,400</b>		<b>\$15,500</b>	<b>\$600</b>
Importance Code A	\$24,700		\$14,000	
Importance Code B	\$33,900		\$1,400	
Importance Code C	\$29,900			\$600
<b>Total</b>	<b>\$88,400</b>		<b>\$15,500</b>	<b>\$600</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841  
ST. GEORGE FERRY TERMINAL FUEL PIER**

**Asset # : 13895**

<b>Piers</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
<b>Deck</b>								
Concrete	30%			LIFE	**	5	\$4,700	
Steel	40%			2031	\$602,800	5	\$28,000	
Not Accessible	30%							
<b>Pile Caps</b>								
Concrete	70%			LIFE	**	5	\$400	
Not Accessible	30%							
<b>Piles and Bracing</b>								
Concrete	38%			LIFE	**	5	\$10,100	
			<i>Erosion, Extent : Light, Area Affected : 50%</i>					
			<i>Location : Tidal Zone</i>					
Steel	2%	4+	\$11,300	LIFE	**	5	\$2,600	
			<i>Corrosion, Extent : Moderate, Area Affected : 90%</i>					
			<i>Location : H-piles Supporting Elevated Walkway East Of Slip 1</i>					
			<i>Missing Coating, Extent : Moderate, Area Affected : 90%</i>					
			<i>Location : H-piles Supporting Elevated Walkway East Of Slip 1</i>					
Not Accessible	60%							
<b>Fender</b>								
<b>Piles</b>								
Timber	8%			2026	\$230,900	4	\$2,900	
			<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Piles Along West Face Only</i>					
Timber	2%	Now	\$23,100	2045	**	4	\$700	
			<i>Broken, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : At Southwest Corner Of Barge Berth</i>					
No Component	85%							
Not Accessible	5%							
<b>Pile Cluster</b>								
Timber	5%			2031	\$29,900	4-10	\$8,600	
Timber	5%	Now	\$29,900	2035	**	4	\$1,100	
			<i>Broken, Extent : Severe, Area Affected : 60%</i>					
			<i>Location : Of The 10 Timber Pile Clusters Along The Northwest Catwalk, 6 Have 1-2 Broken Piles</i>					
No Component	85%							
Not Accessible	5%							
<b>Deck Elements</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
ST. GEORGE FERRY TERMINAL FUEL PIER**

**Asset # : 13895**

<b>Piers</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Deck Elements</b>								
	<b>Railing</b>							
	Steel	10%			2028	\$58,600		
	Fiberglass	65%			2031	\$140,300		
	Fiberglass	5%	Now	\$10,800	2035	**		
		<i>Broken, Extent : Severe, Area Affected : 15%</i>						
		<i>Location : Toeboards</i>						
		<i>Loose Connections, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : Isolated Horizontal Elements</i>						
		<i>Other Observation, Extent : Severe, Area Affected : 30%</i>						
		<i>Location : Isolated Horizontal Elements</i>						
		<i>Explanation : Cracking</i>						
	<b>No Component</b>	20%						
<b>Electrical</b>								
	<b>Lighting Fixture</b>							
	Incandescent	70%			2024	\$9,200		
	Incandescent	30%	4+	\$200	2024	\$4,000		
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : One Pole At South End Of Pier And One Pole At North End Of Catwalk</i>						
		<i>Explanation : Loose Hand Hole Cover</i>						

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Piers	\$696,900	\$318,200
<b>Total</b>	<b>\$696,900</b>	<b>\$318,200</b>
Importance Code A	\$696,900	\$318,200
<b>Total</b>	<b>\$696,900</b>	<b>\$318,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Piers	\$33,200			\$700
<b>Total</b>	<b>\$33,200</b>			<b>\$700</b>
Importance Code A	\$19,800			
Importance Code B	\$13,400			\$700
<b>Total</b>	<b>\$33,200</b>			<b>\$700</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE FERRY TERMINAL NORTH WHARF**

**Asset # : 13901**

Piers		Current Repair			Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Structural Deck									
	Concrete	48%			LIFE	**	5	\$30,900	
		<i>Cracking, Extent : Light, Area Affected : 10%</i>							
		<i>Location : In Deck Surface</i>							
	Concrete	2%	Now	\$19,800	LIFE	**	5	\$1,300	
		<i>Spalling, Extent : Moderate, Area Affected : 10%</i>							
		<i>Location : Northeast Corner</i>							
	Not Accessible	50%							
Piles and Bracing									
	Steel	60%	4+	\$696,900	LIFE	**	5	\$318,200	
		<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>							
		<i>Location : Above Mean Low Water</i>							
		<i>Missing Coating, Extent : Severe, Area Affected : 70%</i>							
		<i>Location : Above Mean Low Water</i>							
	Not Accessible	40%							
Coping/Curb									
	Concrete	20%			LIFE	**			
		<i>Cracking, Extent : Light, Area Affected : 10%</i>							
		<i>Location : North End</i>							
	No Component	80%							
Fender									
Facing									
	Timber	5%	0-2	\$13,000	2045	**	3	\$1,100	
		<i>Worn, Extent : Severe, Area Affected : 30%</i>							
		<i>Location : Wharf Face</i>							
	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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Piers	\$1,098,000	\$594,700
<b>Total</b>	<b>\$1,098,000</b>	<b>\$594,700</b>
Importance Code A	\$879,300	\$352,800
Importance Code B	\$218,700	
Importance Code C		\$242,000
<b>Total</b>	<b>\$1,098,000</b>	<b>\$594,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Piers	\$33,100			\$17,400
<b>Total</b>	<b>\$33,100</b>			<b>\$17,400</b>
Importance Code A	\$33,100			
Importance Code B				\$17,400
Importance Code C				
<b>Total</b>	<b>\$33,100</b>			<b>\$17,400</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE FERRY TERMINAL SOUTH WHARF**  
**Asset # : 13900**

Piers		Current Repair		Future Replacement		Maintenance		Priority
System	Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost
Structural								
Deck								
	Concrete	75%			LIFE	**	5	\$49,300
				<i>Cracking, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Pier Surface And Underdeck</i>				
				<i>Spalling, Extent : Moderate, Area Affected : 2%</i>				
				<i>Location : Isolated Locations In Underdeck</i>				
	Not Accessible	25%						
Deck Surface								
	Asphalt	25%			2033	\$242,000	5	\$9,700
				<i>Cracking, Extent : Moderate, Area Affected : 5%</i>				
				<i>Location : Isolated Locations</i>				
	No Component	75%						
Pile Caps								
	Concrete	90%			LIFE	**	5	\$2,100
				<i>Spalling, Extent : Light, Area Affected : 15%</i>				
				<i>Location : Isolated Offshore Corners</i>				
	Timber	10%			LIFE	**	4	\$27,700
				<i>Other Observation, Extent : Light, Area Affected : 10%</i>				
				<i>Location : Isolated Locations</i>				
				<i>Explanation : Checking</i>				
Piles and Bracing								
	Steel	50%	4+	\$594,200	LIFE	**	5	\$271,300
				<i>Corrosion, Extent : Moderate, Area Affected : 25%</i>				
				<i>Location : In Tidal Zone</i>				
	Steel	15%	Now	\$178,300	LIFE	**	5	\$81,400
				<i>Corrosion, Extent : Severe, Area Affected : 50%</i>				
				<i>Location : Tops Of Cross Bracing</i>				
	Timber	5%			LIFE	**	4-5	\$7,900
	Timber	5%	4+	\$106,900	LIFE	**	4-5	\$7,900
				<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>				
				<i>Location : Rotting In Tidal Zone And Splitting At Cross Bracing Lower Connections</i>				
	Not Accessible	25%						
Fender								
Wales and Chocks								
	Timber	65%			2039	**	4	\$31,400
	No Component	35%						
Piles								
	Timber	10%	0-2	\$71,100	2045	**	4	\$2,200
				<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>				
				<i>Location : 15 Feet From South End</i>				
				<i>Explanation : Impact Damage</i>				
	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**

System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Deck Elements								
Railing Timber	20%			2024				
	<i>Broken, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Isolated Cross Braces At Temporary Railing On North Face</i>							
No Component	80%							
Coping/Curb								
Timber	90%	4+	\$147,600	LIFE		**		
	<i>Rotting/Splitting, Extent : Moderate, Area Affected : 15%</i>							
	<i>Location : All Timber Curbs</i>							
No Component	10%							
Electrical								
Lighting Fixture Sodium	75%			2024	\$24,200			
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : Black Steel Light Poles</i>							
	<i>Explanation : Coating Loss</i>							
Sodium	25%	Now	\$800	2024	\$8,100			
	<i>Other Observation, Extent : Severe, Area Affected : 2%</i>							
	<i>Location : Two Locations</i>							
	<i>Explanation : Cut Connections</i>							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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 2024 - 2027	FY 2028 - 2033
Bulkheads		\$84,000
<b>Total</b>		<b>\$84,000</b>
Importance Code B		\$84,000
<b>Total</b>		<b>\$84,000</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bulkheads				
<b>Total</b>				
Importance Code A				
<b>Total</b>				



*Note:* All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BULKHEAD, PIER 26**  
**Asset # : 1809**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Gravity Wall Stone	25%			LIFE	**	5	\$12,300
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : In Concrete Cap Element</i>					
			<i>Missing Block Seal, Extent : Light, Area Affected : 35%</i>					
			<i>Location : North Of Pier 26</i>					
	Not Accessible	75%						
<b>Backfill</b>								
	Fill							
	Not Accessible	100%						
	Surface							
	Stone	65%		2039	**	10		
	Under Construction	35%						
<b>Deck Elements</b>								
	Railing							
	Steel	25%		2028	\$84,000			
	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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bulkheads	\$460,400	\$71,700
<b>Total</b>	<b>\$460,400</b>	<b>\$71,700</b>
Importance Code B	\$460,400	\$71,700
<b>Total</b>	<b>\$460,400</b>	<b>\$71,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads				
<b>Total</b>				
Importance Code A				
Importance Code B				
<b>Total</b>				



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841  
DOT HARPER ST. FLEET FACILITY BULKHEAD**

**Asset # : 1792**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Relieving Platform Top								
Concrete	90%			LIFE	**	5	\$2,200	
Timber	10%			LIFE	**	4-5	\$2,100	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Between Collapsed Section And Concrete Platform</i>								
<hr/>								
Piles and Bracing								
Not Accessible	100%							
<hr/>								
<b>Backfill</b>								
Fill								
Not Accessible	100%							
<hr/>								
Surface								
Asphalt	40%			2033	\$71,700	5	\$3,000	
<i>Cracking, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Along Observed Length</i>								
<hr/>								
Not Accessible	60%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Along Entire Edge Of Bulkhead</i>								
<i>Explanation : Vegetation Coverage Over Broken Asphalt</i>								
<hr/>								
<b>Fender</b>								
Piles								
Timber	100%	Now	\$130,600	2045	**	4	\$15,700	1
<i>Broken, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Along Entire Length Of Bulkhead</i>								
<i>Missing Part, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Along Entire Length Of Bulkhead</i>								
<hr/>								
Wales and Chocks								
Timber	100%	Now	\$329,800	2045	**	4	\$35,500	
<i>Missing Part, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Along Entire Length Of Bulkhead</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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 2024 - 2027	FY 2028 - 2033
Bulkheads	\$1,914,100	
<b>Total</b>	<b>\$1,914,100</b>	
Importance Code A	\$1,914,100	
<b>Total</b>	<b>\$1,914,100</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bulkheads	\$56,800			
<b>Total</b>	<b>\$56,800</b>			
Importance Code A	\$38,700			
Importance Code B	\$18,100			
Importance Code C				
<b>Total</b>	<b>\$56,800</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**FERRY DOCKS TIMBER BULKHEAD**  
**Asset # : 1817**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
<b>Piles and Bracing</b>								
Timber	35%	2-4	\$276,500	2045	**	4	\$16,100	
<i>Rotting/Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Isolated Locations</i>								
Timber	65%	Now	\$513,600	2045	**	4	\$29,900	1
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Split And Broken Piles At Isolated Locations</i>								
<i>Excess Deflection, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Piles Are Rotating At Center Of All Three Segments</i>								
<b>Revetment</b>								
Stone	70%			LIFE	**	5	\$1,300	
No Component	30%							
<b>Sheet Piles</b>								
Timber	100%	Now	\$1,124,000	LIFE	**	4	\$5,700	
<i>Interlock Damage, Extent : Severe, Area Affected : 15%</i>								
<i>Location : Isolated Locations</i>								
<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Tidal Zone</i>								
<i>Other Observation, Extent : Severe, Area Affected : 10%</i>								
<i>Location : At Interlock Damage</i>								
<i>Explanation : Loss Of Fill Through Gaps In Sheets</i>								
<b>Wales</b>								
Timber	60%	4+	\$23,200	LIFE	**	4	\$2,800	
<i>Rotting/Splitting, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated Locations</i>								
<i>Explanation : Cracking</i>								
Timber	40%	0-2	\$15,500	LIFE	**	4	\$1,800	
<i>Rotting/Splitting, Extent : Severe, Area Affected : 75%</i>								
<i>Location : In Tidal Zone At Southeast And Isolated Locations</i>								
<b>Backfill</b>								
<b>Fill</b>								
Topsoil	70%	Now	\$13,900	2070	**			
<i>Other Observation, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Behind Bulkhead Up To 7 Feet Wide</i>								
<i>Explanation : Settlement</i>								
No Component	5%							
Not Accessible	25%							
<b>Surface</b>								
Topsoil	70%	Now	\$4,200	2030	\$21,100	5	\$500	
<i>Settlement, Extent : Severe, Area Affected : 70%</i>								
<i>Location : Behind Bulkhead Up To 7 Feet Wide</i>								
Topsoil	25%			2028	\$7,500	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.

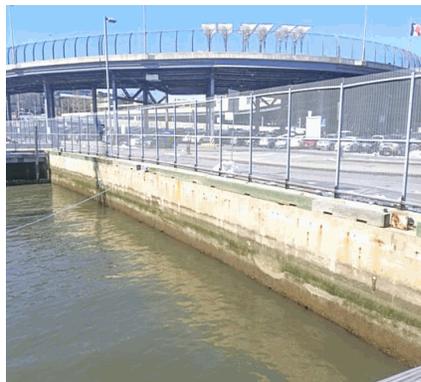
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : ST. GEORGE FERRY TERMINAL CONCRETE AND STEEL BULKHEAD  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0131.020 / 1798 **Yr Built/Renovated** :  
**Linear Ft** : 2,940 **Project Type** : FERRIES  
**Date of Survey** : 01-Mar-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bulkheads	\$722,800	
<b>Total</b>	<b>\$722,800</b>	
Importance Code A	\$722,800	
<b>Total</b>	<b>\$722,800</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads	\$55,700			
<b>Total</b>	<b>\$55,700</b>			
Importance Code A	\$17,700			
Importance Code B	\$38,000			
Importance Code C				
<b>Total</b>	<b>\$55,700</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE FERRY TERMINAL CONCRETE AND STEEL BULKHEAD**  
**Asset # : 1798**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Coping/Curb Timber	7%			LIFE	**	5	\$100	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : West Of 69th Street Slip</i>								
<i>Explanation : Wear</i>								
No Component	93%							
<b>Gravity Wall</b>								
Concrete	10%			LIFE	**	5	\$1,200	
<i>Cracking, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Isolated Locations South Of Pier 2</i>								
<i>Erosion, Extent : Light, Area Affected : 30%</i>								
<i>Location : Tidal Zone</i>								
Stone	5%			LIFE	**	5	\$12,500	
Stone	5%	4+	\$293,100	LIFE	**	5	\$12,500	
<i>Displaced Elements, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Near Slip B-2 North At Ferry Maintenance Facility</i>								
No Component	50%							
Not Accessible	20%							
Under Construction	10%							
<b>Revetment</b>								
Stone	25%			LIFE	**	5	\$4,400	
<i>Erosion, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Underneath North Wharf</i>								
No Component	75%							
<b>Sheet Piles</b>								
Steel	3%	Now	\$429,700	LIFE	**			
<i>Corrosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Between Slips 3 And 4</i>								
No Component	50%							
Not Accessible	47%							
<b>Pile Caps</b>								
Concrete	2%	4+	\$17,700	LIFE	**	5	\$200	
<i>Spalling, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Delaminations At Corner By 69th Street Slip</i>								
Concrete	48%			LIFE	**	5	\$4,300	
<i>Erosion, Extent : Light, Area Affected : 50%</i>								
<i>Location : Tidal Zone</i>								
No Component	50%							
<b>Backfill</b>								
<b>Fill</b>								
Topsoil	5%	Now	\$12,700	2070	**			
<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Near Slip 8 And Between Slips 3 And 4</i>								
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**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	
Backfill								
Surface								
	Asphalt	35%			2039	**	5	\$11,700
	Asphalt	5%	Now	\$16,100	2045	**	5	\$800
<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Near Slip 8 And Between Slips 3 And 4</i>								
	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.

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**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads	\$2,200			
<b>Total</b>	<b>\$2,200</b>			
Importance Code B	\$2,200			
Importance Code C				
<b>Total</b>	<b>\$2,200</b>			



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**WHITEHALL FERRY TERMINAL CONCRETE BULKHEAD**  
**Asset # : 1808**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural	Coping/Curb Concrete	50%			LIFE	**	5	\$200
			<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Edge Of Asphalt Paver Walkway</i>					
			<i>Explanation : Coating Loss</i>					
	No Component	50%						
Gravity Wall	Not Accessible	100%						
Revetment	Stone	10%			LIFE	**	5	\$200
	No Component	90%						
Backfill	Fill							
	Not Accessible	100%						
Surface	Asphalt	60%			2039	**	5	\$2,700
			<i>Cracking, Extent : Light, Area Affected : 5%</i>					
			<i>Location : Isolated</i>					
			<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 100%</i>					
			<i>Location : Terminal Interior Roadway</i>					
	Asphalt Pavers	20%			2039	**	5	\$900
			<i>Settlement, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Terminal Interior Walkway</i>					
	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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 20-Mar-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1483 **Lot** : 60 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bulkheads	\$742,400	\$1,019,700
<b>Total</b>	<b>\$742,400</b>	<b>\$1,019,700</b>
Importance Code A	\$742,400	\$129,800
Importance Code B		\$889,900
<b>Total</b>	<b>\$742,400</b>	<b>\$1,019,700</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads	\$42,200	\$26,100	\$6,000	
<b>Total</b>	<b>\$42,200</b>	<b>\$26,100</b>	<b>\$6,000</b>	
Importance Code A	\$6,000	\$18,100	\$6,000	
Importance Code B	\$36,200	\$8,000		
<b>Total</b>	<b>\$42,200</b>	<b>\$26,100</b>	<b>\$6,000</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BULKHEAD / GRAVITY WALL**  
**Asset # : 4343**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Gravity Wall								
Conc w/Stone Face	10%	Now	\$742,400	LIFE	**	5	\$17,300	
<i>Erosion, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : At The Water Line, North Of E 76th Steet</i>								
<i>Missing Part, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Missing Blocks North Of E 76th Street To 78th Street At Outfall</i>								
Conc w/Stone Face	65%			LIFE	**	5	\$112,500	
<i>Cracking, Extent : Light, Area Affected : 2%</i>								
<i>Location : Above The Waterline</i>								
Not Accessible	25%							
<b>Backfill</b>								
Fill								
Not Accessible	100%							
<b>Surface</b>								
Asphalt Pavers	2%	Now	\$10,300	2046	**	5	\$200	
<i>Sinkhole, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Inshore Of Con Ed Building At 74th Street</i>								
Asphalt Pavers	5%	4+	\$25,900	2046	**	5	\$500	
<i>Settlement, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : North Of E 76th Street To 78th Street</i>								
Asphalt Pavers	73%			2040	**	5	\$16,000	
Not Accessible	20%							
<b>Deck Elements</b>								
Railing								
Steel	80%			2029	\$889,900			
<i>Missing Coating, Extent : Light, Area Affected : 15%</i>								
<i>Location : Full Length Of Railing</i>								
No Component	20%							
<b>Electrical</b>								
Lighting Fixture								
Incandescent	75%			2025	\$18,100			
Incandescent	25%	Now	\$6,000	2026	\$6,000			
<i>Broken, Extent : Light, Area Affected : 100%</i>								
<i>Location : 3 Of 11 Lights</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

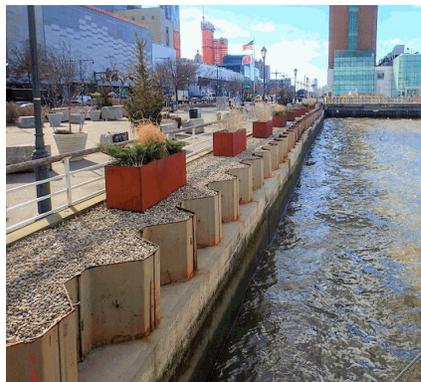
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 29-Dec-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 665 **Lot** : 999 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bulkheads	\$338,500	\$178,900
<b>Total</b>	<b>\$338,500</b>	<b>\$178,900</b>
Importance Code A	\$338,500	
Importance Code B		\$178,900
<b>Total</b>	<b>\$338,500</b>	<b>\$178,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads			\$12,700	
<b>Total</b>			<b>\$12,700</b>	
Importance Code A			\$8,800	
Importance Code B			\$4,000	
Importance Code C				
<b>Total</b>			<b>\$12,700</b>	



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BULKHEAD AT PIER 79**  
**Asset # : 4339**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Relieving Platform Top								
No Component	40%							
Not Accessible	60%							
<hr/>								
Coping/Curb								
Timber	30%			LIFE	**	5	\$100	
No Component	70%							
<hr/>								
Sheet Piles								
Steel	10%			LIFE	**			
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Between Pier 78 And Ferry Terminal</i>					
			<i>Explanation : Steel Sheeting Under Platform</i>					
<hr/>								
Steel w/Concrete	30%	4+	\$338,500	LIFE	**			
			<i>Corrosion, Extent : Light, Area Affected : 30%</i>					
			<i>Location : Top 3 Feet Of Sheeting Exposed Between Ferry Terminal And Pier 81</i>					
			<i>Spalling, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Located 25 Feet North Of Ferry Terminal Around Outfall And 60 Feet North Of Ferry Terminal</i>					
<hr/>								
Not Accessible	60%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : Beneath Ferry Terminal</i>					
			<i>Explanation : Steel Sheet Pile Not Accessible Beneath Ferry Terminal</i>					
<hr/>								
<b>Backfill</b>								
Fill								
Not Accessible	100%							
<hr/>								
Surface								
Asphalt	43%			2041	**	5	\$3,800	
			<i>Settlement, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Settlement Up To 3 Inches From 0 Feet To 35 Feet North Of Pier 78</i>					
<hr/>								
Concrete	45%			2041	**	5	\$4,000	
Gravel	12%			2041	**	2-5	\$300	
<hr/>								
<b>Deck Elements</b>								
Railing								
Steel	40%			2030			\$178,900	
No Component	60%							
<hr/>								
<b>Electrical</b>								
Lighting Fixture								
Incandescent	100%			2026			\$8,800	
			<i>Other Observation, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : Between Ferry Terminal And Pier 81</i>					
			<i>Explanation : 4 Light Fixtures</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 13-May-2022 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : **Lot** : **BIN** :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Bulkheads	\$2,690,000	
<b>Total</b>	<b>\$2,690,000</b>	
Importance Code A	\$2,690,000	
<b>Total</b>	<b>\$2,690,000</b>	

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bulkheads	\$38,900		\$400	
<b>Total</b>	<b>\$38,900</b>		<b>\$400</b>	
Importance Code A				
Importance Code B	\$38,900		\$400	
<b>Total</b>	<b>\$38,900</b>		<b>\$400</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**BULKHEAD NORTH OF UNIVERSITY HEIGHTS BRIDGE**  
**Asset # : 14496**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Piles and Bracing No Component	45%							
	<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
	<i>Location : From Northwest Corner To End Of Asset At The Northeast</i>							
	<i>Explanation : Steel Sheet Pile Bulkhead</i>							
Not Accessible	55%							
	<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
	<i>Location : Behind Steel Sheeting</i>							
	<i>Explanation : Timber Piles</i>							
<b>Sheet Piles</b>								
Steel	100%	Now	\$2,533,400	LIFE	**			1
	<i>Corrosion, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Tidal Zone. Missing Section Due To Corrosion</i>							
<b>Pile Caps</b>								
Concrete	100%	4+	\$156,600	LIFE	**	5	\$1,600	
	<i>Cracking, Extent : Light, Area Affected : 15%</i>							
	<i>Location : Along Top And Offshore Faces Of The Pile Cap</i>							
	<i>Spalling, Extent : Moderate, Area Affected : 5%</i>							
	<i>Location : Along Offshore Edge With Areas Of Exposed Reinforcement</i>							
<b>Backfill</b>								
<b>Fill</b>								
Topsoil	10%	Now	\$11,200	2073	**			
	<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Intermittently Along North From The Northwest Corner To The End Of The Asset At The Northeast</i>							
Not Accessible	90%							
<b>Surface</b>								
Topsoil	35%			2031	\$17,900	5	\$900	
Topsoil	15%	Now	\$7,700	2033	\$7,700	5	\$200	
	<i>Sinkhole, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : Between 250 Feet And 315 Feet From South End Of Asset</i>							
Not Accessible	50%							
	<i>Other Observation, Extent : N/A, Area Affected : 0%</i>							
	<i>Location : Material Stored At Southern 90 Feet Of Asset And From Northwest Corner To End Of Asset At The Northeast</i>							
	<i>Explanation : Storage Yard</i>							
<b>Deck Elements</b>								
<b>Railing</b>								
Fencing	50%	Now	\$20,100	2038	**	3	\$100	
	<i>Broken, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : From Northwest Corner Of Asset To End Of Asset At The Northeast</i>							
No Component	50%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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**

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
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Bulkheads

**Total**

Importance Code A

Importance Code B

**Total**



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**BULKHEAD, CONNER ST. YARD CONCRETE GRAVITY WALL**

**Asset # : 1791**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Pile Supported Wall							
	Concrete	50%			2043	**	5	\$9,900
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : At Southern End Of Asset</i>						
	Not Accessible	30%						
	Under Construction	20%						
<b>Backfill</b>								
	Fill							
	Not Accessible	80%						
	Under Construction	20%						
<b>Surface</b>								
	Asphalt	80%			2043	**	5	\$4,500
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : At Southern End Of Asset</i>						
	Under Construction	20%						
<b>Deck Elements</b>								
	Railing							
	Guard Rail	80%			LIFE	**		
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : At Southern End Of Asset</i>						
	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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bulkheads	\$356,700	\$67,900
<b>Total</b>	<b>\$356,700</b>	<b>\$67,900</b>
Importance Code B		\$67,900
Importance Code C	\$356,700	
<b>Total</b>	<b>\$356,700</b>	<b>\$67,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads				
<b>Total</b>				
Importance Code B				
Importance Code C				
<b>Total</b>				



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841  
CONNER STREET DOT YARD REVETMENT  
Asset # : 14768**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Revetment Stone	95%	4+	\$356,700	LIFE	**	5	\$2,800	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Non-engineered, Very Steep, Slope With Areas Of Scour</i>								
<i>Explanation : Inadequate Stone Protection</i>								
Stone	5%			LIFE	**	5	\$100	
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Adjacent To Outfall</i>								
<b>Backfill</b>								
<b>Fill</b>								
Not Accessible	100%							
<b>Surface</b>								
Asphalt	50%			2033	\$67,900	5	\$2,800	
<i>Erosion, Extent : Light, Area Affected : 100%</i>								
<i>Location : Raveling Throughout Surface</i>								
Not Accessible	50%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : Inshore Of Revetment</i>								
<i>Explanation : Under Stacked Concrete Block Wall And Dot Trucks</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bulkheads	\$568,900	\$86,100
<b>Total</b>	<b>\$568,900</b>	<b>\$86,100</b>
Importance Code B		\$86,100
Importance Code C	\$568,900	
<b>Total</b>	<b>\$568,900</b>	<b>\$86,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads	\$46,200			
<b>Total</b>	<b>\$46,200</b>			
Importance Code B	\$46,200			
Importance Code C				
<b>Total</b>	<b>\$46,200</b>			



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**DOT FACILITY REVETMENT**  
**Asset # : 1795**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Revetment Stone	100%	4+	\$568,900	LIFE	**	5	\$4,500	
<i>Erosion, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Entire Length Of Asset</i>								
<hr/>								
<b>Backfill</b>								
Fill								
Topsoil	10%	Now	\$4,800	2058	**			
<i>Erosion, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Vertical Cut Banks Above Revetment</i>								
Not Accessible	90%							
<hr/>								
<b>Surface</b>								
Asphalt	10%	Now	\$8,200	2045	**	5	\$400	
<i>Erosion, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Offshore Portion Of Non-engineered Asphalt Berm At Top Of Embankment</i>								
Asphalt	15%			2033	\$30,800	5	\$1,300	
<i>Surface Wearing/Scaling, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Inshore Portion Of Non-engineered Asphalt Berm At Top Of Embankment</i>								
Topsoil	75%	2-4	\$33,100	2030	\$55,200	5	\$1,300	
<i>Erosion, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Entire Length Of Asset</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
<i>Explanation : Heavy Vegetation And Debris</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

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 : 03-Feb-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 2453 Lot : 1 BIN :

**CAPITAL**

Total

Importance Code

Total

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Bulkheads	\$65,500	\$1,900		\$500
<b>Total</b>	<b>\$65,500</b>	<b>\$1,900</b>		<b>\$500</b>
Importance Code A				
Importance Code B	\$65,500	\$1,900		\$500
<b>Total</b>	<b>\$65,500</b>	<b>\$1,900</b>		<b>\$500</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**DOT FACILITY/STEEL BULKHEAD UNDER WILLIAMSBURG BRIDGE**  
**Asset # : 1796**

System Component Type	Current Repair			Future Replacement		Maintenance		Priority
	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
<b>Structural</b>								
Sheet Piles								
Steel	50%			LIFE		**		
			<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Above Mean Low Water</i>					
			<i>Missing Coating, Extent : Moderate, Area Affected : 50%</i>					
			<i>Location : Above Mean Low Water</i>					
No Component	25%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : At Two Bridge Piers</i>					
			<i>Explanation : No Component</i>					
Not Accessible	25%							
<b>Wales</b>								
Steel	70%			LIFE		**	5	\$4,400
			<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>					
			<i>Location : Entire Tie-back Wale</i>					
No Component	30%							
			<i>Other Observation, Extent : Light, Area Affected : 0%</i>					
			<i>Location : At Bridge Piers And On South Face</i>					
			<i>Explanation : No Component</i>					
<b>Pile Caps</b>								
Concrete	75%			LIFE		**	5	\$600
No Component	25%							
<b>Backfill</b>								
<b>Fill</b>								
Topsoil	5%	Now	\$2,900	2071		**		
			<i>Erosion, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Fill Loss At South End Of Sheet Pile Wall</i>					
No Component	25%							
Not Accessible	70%							
<b>Surface</b>								
Concrete	70%			2044		**	5	\$2,100
Concrete	5%	0-2	\$6,000	2046		**	5	\$100
			<i>Other Observation, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Slab At South End Of Sheet Pile Wall</i>					
			<i>Explanation : Undermining</i>					
No Component	25%							
<b>Fender</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**DOT FACILITY/STEEL BULKHEAD UNDER WILLIAMSBURG BRIDGE**  
**Asset # : 1796**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Fender</b>								
<b>Facing</b>								
Timber	55%			2034	**	3	\$5,700	
<i>Worn, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Wear To Timber Facing On Steel Tie-back Wales</i>								
Timber	15%	Now	\$18,800	2046	**	3	\$1,600	
<i>Missing Part, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated Sections</i>								
No Component	30%							
<i>Other Observation, Extent : Light, Area Affected : 0%</i>								
<i>Location : At Bridge Piers And On South Face</i>								
<i>Explanation : No Component</i>								
<b>Wales and Chocks</b>								
Timber	25%	Now	\$33,500	2046	**	4	\$3,600	
<i>Missing Part, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Isolated Segments On Southwest Face, Between Bridge Piers, And Northwest Face</i>								
Timber	45%			2040	**	4	\$9,700	
No Component	30%							
<b>Deck Elements</b>								
<b>Railing</b>								
Fencing	70%			2032	\$14,400	3	\$100	
<i>Corrosion, Extent : Moderate, Area Affected : 15%</i>								
<i>Location : Base Of Posts At North End</i>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : DOT HAMILTON AVE. ASPHALT PLANT RELIEVING PLATFORM  
**Address** : 448 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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bulkheads	\$80,500	
<b>Total</b>	<b>\$80,500</b>	
Importance Code A	\$80,500	
<b>Total</b>	<b>\$80,500</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads	\$39,500	\$400	\$600	
<b>Total</b>	<b>\$39,500</b>	<b>\$400</b>	<b>\$600</b>	
Importance Code A	\$11,700			
Importance Code B	\$27,800	\$400	\$600	
Importance Code C				
<b>Total</b>	<b>\$39,500</b>	<b>\$400</b>	<b>\$600</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**DOT HAMILTON AVE. ASPHALT PLANT RELIEVING PLATFORM**  
**Asset # : 1793**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Relieving Platform Top								
Concrete	10%	4+	\$80,500	LIFE	**	5	\$200	
<i>Erosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Low Level Platform In Tidal Zone</i>								
<i>Spalling, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Concrete	90%			LIFE	**	5	\$1,800	
<b>Coping/Curb</b>								
Timber	100%			LIFE	**	5	\$300	
<b>Piles and Bracing</b>								
Concrete	15%			LIFE	**	5	\$500	
Steel	15%			LIFE	**	5	\$12,000	
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Splash Zone</i>								
Not Accessible	70%							
<b>Pile Caps</b>								
Concrete	5%			LIFE	**	5	\$100	
Concrete	5%	0-2	\$11,700	LIFE	**	5	\$100	
<i>Spalling, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Portions Under High Level Platform</i>								
Not Accessible	90%							
<b>Backfill</b>								
Surface								
Asphalt	15%			2036	**	5	\$900	
Gravel	85%			2040	**	2-5	\$1,400	
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Gravel And Drain On Top Of Concrete Deck</i>								
<b>Fender</b>								
Piles								
Timber	45%			2036	**	4	\$8,400	
<i>Worn, Extent : Light, Area Affected : 30%</i>								
<i>Location : Throughout</i>								
Timber	10%	2-4	\$10,400	2042	**	4	\$1,200	
<i>Worn, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Not Accessible	45%							
<b>Wales and Chocks</b>								
Timber	47%			2036	**	4	\$19,900	
<i>Worn, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Throughout</i>								
Timber	3%	2-4	\$7,900	2042	**	4	\$800	
<i>Rotting/Splitting, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Throughout</i>								
Not Accessible	50%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date: 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : DOT HAMILTON AVE. ASPHALT PLANT STEEL SHEET PILE BULKHEAD  
**Address** : 448 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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bulkheads	\$151,000	
<b>Total</b>	<b>\$151,000</b>	
Importance Code A	\$151,000	
<b>Total</b>	<b>\$151,000</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads	\$5,300		\$100	\$1,500
<b>Total</b>	<b>\$5,300</b>		<b>\$100</b>	<b>\$1,500</b>
Importance Code B	\$5,300		\$100	\$1,500
<b>Total</b>	<b>\$5,300</b>		<b>\$100</b>	<b>\$1,500</b>



*Note: All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**DOT HAMILTON AVE. ASPHALT PLANT STEEL SHEET PILE BULKHEAD**  
**Asset # : 1794**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
<b>Structural</b>								
	Sheet Piles							
	Steel	65%	Now	\$98,200	LIFE	**		
		<i>Broken, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : North End Adjacent To Bridge Abutment</i>						
	Steel	35%	4+	\$52,900	LIFE	**		
		<i>Corrosion, Extent : Severe, Area Affected : 75%</i>						
		<i>Location : Splash Zone</i>						
<b>Backfill</b>								
	Fill							
	Topsoil	65%	Now	\$4,300	2067	**		
		<i>Erosion, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Active Sloughing</i>						
	Not Accessible	35%						
<b>Surface</b>								
	Concrete	50%			2036	**	5	\$200
	Topsoil	50%	0-2	\$900	2027	\$1,500	5	
		<i>Erosion, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Active Sloughing</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 30-Jun-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 499 **Lot** : 51 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bulkheads		\$498,600
<b>Total</b>		<b>\$498,600</b>
Importance Code B		\$498,600
<b>Total</b>		<b>\$498,600</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads	\$40,000	\$1,800		
<b>Total</b>	<b>\$40,000</b>	<b>\$1,800</b>		
Importance Code A	\$30,300			
Importance Code B	\$9,700	\$1,800		
<b>Total</b>	<b>\$40,000</b>	<b>\$1,800</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**GRAVITY WALL AT HALLETS COVE**  
**Asset # : 14022**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Gravity Wall								
Concrete	90%			LIFE	**	5	\$1,900	
	<i>Spalling, Extent : Light, Area Affected : 2%</i>							
	<i>Location : Across Mass Concrete Foundation In Tidal Zone</i>							
Concrete	10%	4+	\$30,300	LIFE	**	5	\$200	
	<i>Spalling, Extent : Moderate, Area Affected : 100%</i>							
	<i>Location : Isolated Areas Of Mass Concrete Foundation, Primarily In Northern 300 Feet</i>							
	<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>							
	<i>Location : Adjacent To Steps At South End</i>							
	<i>Explanation : Undermining</i>							
<b>Backfill</b>								
Fill								
Sand	15%	Now	\$9,200	2061	**	5	\$100	
	<i>Erosion, Extent : Moderate, Area Affected : 30%</i>							
	<i>Location : At South End, Undermining Steps And 5 Feet Of Gravity Wall</i>							
Not Accessible	85%							
<b>Surface</b>								
Concrete	60%			2040	**	5	\$3,500	
Topsoil	40%			2029	\$20,200	5	\$1,000	
<b>Deck Elements</b>								
Railing								
Aluminum	100%			2029	\$131,100			
Parapet								
Concrete	100%			2032	\$367,600			

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.

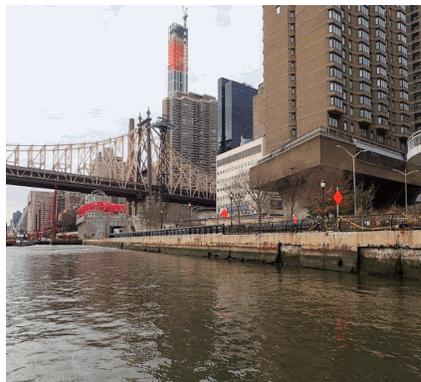
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 22-Jan-2021 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 1474 **Lot** : 60 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bulkheads	\$399,100	\$177,100
<b>Total</b>	<b>\$399,100</b>	<b>\$177,100</b>
Importance Code A	\$399,100	
Importance Code B		\$177,100
<b>Total</b>	<b>\$399,100</b>	<b>\$177,100</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads	\$6,500		\$27,600	\$6,500
<b>Total</b>	<b>\$6,500</b>		<b>\$27,600</b>	<b>\$6,500</b>
Importance Code A	\$6,500		\$25,800	\$6,500
Importance Code B			\$1,700	
<b>Total</b>	<b>\$6,500</b>		<b>\$27,600</b>	<b>\$6,500</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.*

**DEPARTMENT OF TRANSPORTATION - 841**  
**RELIEVING PLATFORM**  
**Asset # : 4341**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Pile Supported Wall								
Conc w/Stone Face	40%			LIFE	**	5	\$39,200	
			<i>Broken, Extent : Moderate, Area Affected : 10%</i>					
			<i>Location : Isolated Cracked Panels</i>					
			<i>Erosion, Extent : Moderate, Area Affected : 25%</i>					
			<i>Location : Above Granite Fascia Panels</i>					
			<i>Spalling, Extent : Moderate, Area Affected : 15%</i>					
			<i>Location : Isolated Concrete Spalls Along The Top Wall</i>					
Conc w/Stone Face	10%	4+	\$399,100	LIFE	**	5	\$9,800	
			<i>Missing Part, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Isolated Missing Panels Along Bottom Half Of Wall, Totaling 60 Feet</i>					
Under Construction	50%							
Piles and Bracing								
Not Accessible	100%							
<b>Backfill</b>								
Fill								
Not Accessible	100%							
Surface								
Asphalt Pavers	25%			2041	**	5	\$3,500	
			<i>Settlement, Extent : Light, Area Affected : 2%</i>					
			<i>Location : Primarily At Light Pole Foundations, Up To 3 Foot Radius</i>					
Under Construction	75%							
<b>Deck Elements</b>								
Railing								
Steel	25%			2030			\$177,100	
			<i>Missing Coating, Extent : Light, Area Affected : 10%</i>					
			<i>Location : Isolated Locations Along Handrail</i>					
Under Construction	75%							
<b>Electrical</b>								
Lighting Fixture								
Sodium	80%			2026			\$25,800	
Sodium	20%	Now	\$6,500	2027			\$6,500	
			<i>Broken, Extent : N/A, Area Affected : 100%</i>					
			<i>Location : 2 Out Of 10 Light Fixtures</i>					

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

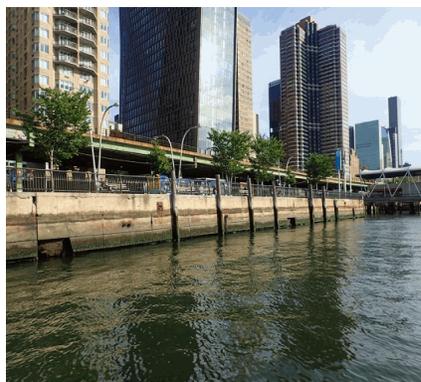
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 25-Jun-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 966 **Lot** : 50 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bulkheads		\$337,200
<b>Total</b>		<b>\$337,200</b>
Importance Code B		\$337,200
<b>Total</b>		<b>\$337,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads	\$87,200	\$3,300		
<b>Total</b>	<b>\$87,200</b>	<b>\$3,300</b>		
Importance Code A	\$47,300			
Importance Code B	\$40,000	\$3,300		
Importance Code C				
<b>Total</b>	<b>\$87,200</b>	<b>\$3,300</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**RELIEVING PLATFORM**  
**Asset # : 4342**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Structural</b>								
Relieving Platform Top								
Concrete/Stone	3%	4+	\$15,700	LIFE		**		
<i>Missing Block Seal, Extent : Light, Area Affected : 50%</i>								
<i>Location : Joints Between Masonry Panels</i>								
<i>Spalling, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Three Isolated Locations, South Side Of Ferry Landing</i>								
Concrete/Stone	95%			LIFE		**		
Stone	2%	Now	\$17,100	2071		**		
<i>Missing Part, Extent : Severe, Area Affected : 20%</i>								
<i>Location : Two Broken Masonry Panels With 10 Feet Total Missing</i>								
Coping/Curb	100%			LIFE		**	5	\$500
Concrete								
Piles and Bracing	100%							
Not Accessible								
Lowlevel Pile Caps								
Timber	5%	Now	\$14,500	LIFE		**		
<i>Rotting/Splitting, Extent : Severe, Area Affected : 80%</i>								
<i>Location : Line Cap Along Bulkhead Face</i>								
Not Accessible	95%							
<b>Backfill</b>								
Fill								
Not Accessible	100%							
Surface								
Asphalt	17%			2040		**	5	\$1,100
Asphalt Pavers	83%			2040		**	5	\$5,500
<b>Fender</b>								
Piles								
Timber	30%	Now	\$34,900	2046		**	4	\$4,200
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Primarily Along Southern 120 Feet And Northern 100 Feet</i>								
Timber	15%			2040		**	4	\$3,100
No Component	10%							
Not Accessible	45%							
<b>Deck Elements</b>								
Railing								
Steel	98%			2029	\$330,400			
Steel	2%	4+	\$4,000	2031	\$6,700			
<i>Impact Damage, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : 130 Feet From South End</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : REVTMENT - RIPRAP BULKHEAD  
**Address** : W 205TH TO W 206TH ST HARLEM RIVER,SUB 2 OF ASSET TYPE  
**Borough** : MANHATTAN **Agency's Number** : N/A  
**Program / Asset #** : DOT0187.000 / 13798 **Yr Built/Renovated** :  
**Linear Ft** : 296 **Project Type** : HIGHWAYS  
**Date of Survey** : 23-Nov-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2186 **Lot** : 9 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Bulkheads	\$145,900	
<b>Total</b>	<b>\$145,900</b>	
Importance Code C	\$145,900	
<b>Total</b>	<b>\$145,900</b>	

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Bulkheads	\$11,300	\$200		
<b>Total</b>	<b>\$11,300</b>	<b>\$200</b>		
Importance Code B	\$11,300	\$200		
Importance Code C				
<b>Total</b>	<b>\$11,300</b>	<b>\$200</b>		



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**REVTMENT - RIPRAP BULKHEAD**  
**Asset # : 13798**

<b>Bulkheads</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System</b>	<b>Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>
Structural	Revetment							
	Stone	65%	4+	\$145,900	LIFE	**	5	\$1,200
		<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Center Of Asset</i>						
		<i>Explanation : Steep, Unstable Slope</i>						
	Stone	35%			LIFE	**	5	\$600
Backfill	Fill							
	Not Accessible	100%						
	Surface							
	Topsoil	35%			2030	\$10,200	5	\$500
	Topsoil	65%	4+	\$11,300	2032	\$18,900	5	\$500
		<i>Erosion, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Center Of Asset</i>						

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Marinas/Docks	\$222,600	\$235,000
<b>Total</b>	<b>\$222,600</b>	<b>\$235,000</b>
Importance Code A	\$222,600	\$235,000
<b>Total</b>	<b>\$222,600</b>	<b>\$235,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Marinas/Docks	\$62,100	\$19,600	\$9,800	\$3,800
<b>Total</b>	<b>\$62,100</b>	<b>\$19,600</b>	<b>\$9,800</b>	<b>\$3,800</b>
Importance Code A	\$48,300	\$18,700		
Importance Code B	\$12,900	\$500	\$9,300	\$3,500
Importance Code C	\$900	\$300	\$500	\$300
<b>Total</b>	<b>\$62,100</b>	<b>\$19,600</b>	<b>\$9,800</b>	<b>\$3,800</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE**

**Asset # : 13891**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Gangways								
Aluminum	75%			2050	**	1-3	\$30,300	
Aluminum	25%	Now	\$12,500	2050	**	1-3	\$10,000	
<i>Cracked Weld, Extent : Light, Area Affected : 10%</i>								
<i>Location : Northeast Side Of South Gangway Near Bearing Pad</i>								
<i>Handrail Damage, Extent : Severe, Area Affected : 33%</i>								
<i>Location : Security Gate Dislodged At Top Of South Gangway</i>								
<i>Loose Connections, Extent : Severe, Area Affected : 33%</i>								
<i>Location : Bottom Of South Gangway Plate Pin Dislodged, Missing Nut At Southeast</i>								
<i>Connection, Wearing On Rail</i>								
<i>Other Observation, Extent : Severe, Area Affected : 20%</i>								
<i>Location : At The North Connections Of The North Gangway</i>								
<i>Explanation : Loose Bearing Pads</i>								
Piles and Bracing								
Steel	100%			2050	**	5-10		
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Support Beam Flanges</i>								
Floating Docks								
Anchor Piles								
Steel	75%			2050	**	3-5		
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : In Tidal Zone</i>								
<i>Missing Coating, Extent : Light, Area Affected : 25%</i>								
<i>Location : In Tidal Zone</i>								
Not Accessible	25%							
Fenders								
Rubber	95%			2028		\$36,000	1-2	\$4,100
<i>Worn, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Above Waterline</i>								
Rubber	5%	Now	\$400	2030		\$1,900	1-2	\$200
<i>Broken, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At South Pile Guide On South Barge</i>								
Floats/ Frames								
Steel	100%			2035	**	5-10	\$24,700	
Barge								
Steel	65%			2039	**	5	\$7,600	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated Locations</i>								
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : At Gangway Landings</i>								
<i>Explanation : Abrasion</i>								
Steel	5%	4+	\$32,900	2039	**	5	\$300	
<i>Not Plumb, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : South Barge Is Listing To The West</i>								
Not Accessible	30%							
Deck Elements								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**BATTERY MARITIME BUILDING SLIP 5 - FAST FERRY BARGE**

**Asset # : 13891**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
<b>Deck Elements</b>								
Railing								
Steel	90%			2028	\$206,000			
	<i>Corrosion, Extent : Light, Area Affected : 5%</i>							
	<i>Location : Both Barges</i>							
Steel	10%	4+	\$9,200	2028	\$22,900			
	<i>Corrosion, Extent : Light, Area Affected : 20%</i>							
	<i>Location : South Barge</i>							
<b>Electrical</b>								
Conduit								
PVC	95%			2026	\$117,300			
	<i>Other Observation, Extent : Light, Area Affected : 10%</i>							
	<i>Location : At Moving Connections Between Barges</i>							
	<i>Explanation : Abrasion</i>							
PVC	5%	Now	\$2,500	2028	\$6,200			
	<i>Other Observation, Extent : Severe, Area Affected : 100%</i>							
	<i>Location : At Gangway Landing At South Barge</i>							
	<i>Explanation : Broken</i>							
Lighting Fixture								
Incandescent	100%			2025	\$105,300			
	<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>							
	<i>Location : New LED Lights</i>							
<b>Movable Ramps</b>								
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 : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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 2024 - 2027	FY 2028 - 2033
Marinas/Docks		\$246,900
<b>Total</b>		<b>\$246,900</b>
Importance Code A		\$246,900
<b>Total</b>		<b>\$246,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Marinas/Docks	\$58,100	\$500	\$200	\$100
<b>Total</b>	<b>\$58,100</b>	<b>\$500</b>	<b>\$200</b>	<b>\$100</b>
Importance Code A	\$57,300		\$200	\$100
Importance Code B	\$800	\$500		\$100
<b>Total</b>	<b>\$58,100</b>	<b>\$500</b>	<b>\$200</b>	<b>\$100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**CITY ISLAND FERRY DOCK**  
**Asset # : 13923**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Timber	50%			2028	\$83,900	5	\$1,400	
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 50%</i>								
<i>Location : Isolated At Top Of Deck</i>								
Not Accessible	50%							
Gangways								
Aluminum	10%	4+	\$800	2040	**	1-3	\$200	
<i>Cracked Weld, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Upland End Of Gangway</i>								
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	\$12,100	4-5	\$600	
<i>Abrasion, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : In Tidal Zone</i>								
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At Floating Dock</i>								
Not Accessible	40%							
Floats/ Frames								
Timber	45%			2035	**			
<i>Wearing, Extent : Light, Area Affected : 100%</i>								
<i>Location : Surface Of Floating Dock</i>								
Timber	5%	4+	\$1,300	2035	**			
<i>Roller Malfunction, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Seized Roller Guides And Loose Chains As Pile Guides</i>								
Not Accessible	50%							
Fender								
Facing								
Timber	50%			2029	\$163,000			
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : South Rack</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Tidal Zone Of The South Rack</i>								
<i>Explanation : Abrasion</i>								
No Component	50%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**CITY ISLAND FERRY DOCK**  
**Asset # : 13923**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender								
Piles								
Timber	30%	2-4	\$38,800	2035				**
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : South Fender Cluster</i>								
<i>Explanation : Rotting, Splitting, Leaning/ Impact</i>								
Timber	20%			2034				**
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : South Fender Rack</i>								
Not Accessible	50%							
Wales and Chocks								
Timber	10%	2-4	\$17,100	2035				**
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Primarily North Fender Rack</i>								
<i>Explanation : Rotting, Splitting</i>								
Timber	65%			2034				**
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : At South Rack</i>								
Not Accessible	25%							
Gallows Frames								
Tower Frames								
Timber	90%			2039				**
<i>Recent Replace Evident, Extent : N/A, Area Affected : 10%</i>								
<i>Location : New Hardware And Localized Areas Of New Timber Members</i>								
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Areas On Timber Framework</i>								
<i>Explanation : Splitting</i>								
Not Accessible	10%							
Movable Ramps								
Bearings								
Steel	10%			2033	\$9,600			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : At All Steel Bearing Surfaces</i>								
<i>Explanation : Moderate Corrosion</i>								
Timber	40%			2033	\$36,100			
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Timber Bearing Surfaces</i>								
<i>Explanation : Abrasion/ Wearing</i>								
Not Accessible	50%							
Deck and Railing								
Timber Deck on Steel	50%			2039				**
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : Steel Deck Framing And Isolated On Rail</i>								
<i>Explanation : Corrosion</i>								
Not Accessible	50%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

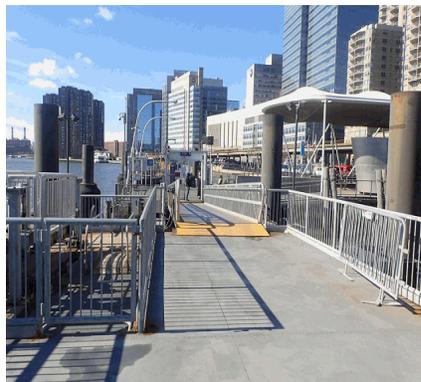
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 24-Mar-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 967 **Lot** : 50 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Marinas/Docks		\$1,093,200
<b>Total</b>		<b>\$1,093,200</b>
Importance Code A		\$1,093,200
<b>Total</b>		<b>\$1,093,200</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Marinas/Docks	\$16,300	\$41,500	\$900	\$11,600
<b>Total</b>	<b>\$16,300</b>	<b>\$41,500</b>	<b>\$900</b>	<b>\$11,600</b>
Importance Code A	\$9,500	\$40,800	\$300	\$5,400
Importance Code B	\$5,800	\$200	\$200	\$5,800
Importance Code C	\$1,000	\$500	\$300	\$500
<b>Total</b>	<b>\$16,300</b>	<b>\$41,500</b>	<b>\$900</b>	<b>\$11,600</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**EAST 34TH ST FERRY LANDING BARGES**  
**Asset # : 14193**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Gangways								
Aluminum	100%			2051	**	1-3	\$24,500	
<i>Other Observation, Extent : Severe, Area Affected : 5%</i>								
<i>Location : Abrasion At Southwest Handrail</i>								
<i>Explanation : Handrail Damage</i>								
Floating Docks								
Anchor Piles								
Steel	50%			2051	**	3-5	\$20,300	
<i>Missing Coating, Extent : Light, Area Affected : 10%</i>								
<i>Location : In Tidal Zone</i>								
Steel	5%	4+	\$4,000	2061	**	3-5	\$1,500	
<i>Worn, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Pile Guide Pads</i>								
Not Accessible	45%							
Fenders								
Rubber								
	90%			2029	\$31,300	1-2	\$3,600	
<i>Worn, Extent : Light, Area Affected : 15%</i>								
<i>Location : At Slips S.1, S.2, And N.2</i>								
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Bent Steel Bracket At Slip S.2</i>								
<i>Explanation : Impact Damage</i>								
Rubber	10%	4+	\$700	2031	\$3,500	1-2	\$400	
<i>Worn, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Moderate Wear At Slip N.1 And N.3</i>								
Barge								
Steel	30%			2040	**	5	\$11,300	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : All Surfaces</i>								
Not Accessible	70%							
Protective Structure								
Donut Fender								
Steel/Rubber	40%			2029	\$99,600			
Not Accessible	60%							
Deck Elements								
Railing								
Steel	100%			2029	\$551,500			
Electrical								
Conduit								
Steel	100%			2029	\$442,000			
Lighting Fixture								
Incandescent	100%			2025	\$35,100			
Movable Ramps								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**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

## Movable Ramps

## Deck and Railing

Steel	95%			2040	* *			
Steel	5%	4+	\$600	2046	* *			

*Other Observation, Extent : Severe, Area Affected : 25%*

*Location : South Sideloader Ramp*

*Explanation : Impact Damage*

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*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : HART ISLAND FERRY DOCK  
**Address** : HART ISLAND  
**Borough** : BRONX **Agency's Number** : N/A  
**Program / Asset #** : DOT0193.000 / 13892 **Yr Built/Renovated** :  
**Area Sq Ft** : 1,600 **Project Type** : FERRIES  
**Date of Survey** : 08-Feb-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 5649 **Lot** : 1 **BIN** :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Marinas/Docks	\$138,600	\$217,900
<b>Total</b>	<b>\$138,600</b>	<b>\$217,900</b>
Importance Code A	\$138,600	\$217,900
<b>Total</b>	<b>\$138,600</b>	<b>\$217,900</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Marinas/Docks	\$103,000	\$7,200	\$1,700	
<b>Total</b>	<b>\$103,000</b>	<b>\$7,200</b>	<b>\$1,700</b>	
Importance Code A	\$103,000	\$7,200	\$1,700	
<b>Total</b>	<b>\$103,000</b>	<b>\$7,200</b>	<b>\$1,700</b>	



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**HART ISLAND FERRY DOCK**  
**Asset # : 13892**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Access Walkways</b>								
<b>Deck</b>								
Timber	100%			2028	\$217,900	5	\$3,600	
<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 40%</i>								
<i>Location : Top Of Deck</i>								
<hr/>								
<b>Pile Caps</b>								
Timber	100%			2050	* *	4	\$2,300	
<i>Splitting, Extent : Light, Area Affected : 5%</i>								
<i>Location : Isolated Locations</i>								
<hr/>								
<b>Piles and Bracing</b>								
Timber	10%	4+	\$10,800	2050	* *	4-5	\$900	
<i>Missing Connections, Extent : Severe, Area Affected : 50%</i>								
<i>Location : Fishplate On South Side</i>								
<i>Splitting, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Northwest Corner</i>								
Timber	90%			2050	* *	4-5	\$15,500	
<i>Splitting, Extent : Light, Area Affected : 20%</i>								
<i>Location : Isolated Locations</i>								
<hr/>								
<b>Fender</b>								
<b>Facing</b>								
Timber	40%			2028	\$37,800			
<i>Other Observation, Extent : Light, Area Affected : 15%</i>								
<i>Location : Band Across Facing Due To Ferry Berthing</i>								
<i>Explanation : Abrasion</i>								
Timber	10%	Now	\$9,400	2030	\$9,400			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At Waterline Throughout Fender Rack</i>								
<i>Explanation : Broken Fender Piles</i>								
No Component	50%							
<hr/>								
<b>Piles</b>								
Timber	40%			2034	* *			
<i>Recent Repair Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Both Sides Of Fender Rack</i>								
Timber	10%	Now	\$78,900	2035	* *			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At The Waterline Throughout Fender Rack</i>								
<i>Explanation : Brokn Fender Piles</i>								
Not Accessible	50%							
<hr/>								
<b>Wales and Chocks</b>								
Timber	75%			2034	* *			
Not Accessible	25%							
<hr/>								
<b>Gallows Frames</b>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site 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**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Gallows Frames</b>								
<b>Tower Frames</b>								
Steel	25%			2039		* *		
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : Isolated Locations At Steel Framework</i>								
<i>Explanation : Corrosion And Coating Loss</i>								
Steel	25%	4+	\$59,800	2039		* *		
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Above Mean Low Water</i>								
<i>Explanation : Corrosion</i>								
Timber	50%			2039		* *		
<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : At Southwest Corner And Isolated Locations</i>								
<i>Explanation : Cracking, Splitting</i>								
<b>Movable Ramps</b>								
<b>Bearings</b>								
Steel	50%	2-4	\$48,100	2039		* *		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At All Bearing Locations</i>								
<i>Explanation : Corrosion</i>								
Timber	50%	2-4	\$27,000	2039		* *		
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Along All Timber Bearing Elements</i>								
<i>Explanation : Abrasion And Leaning</i>								
<b>Deck and Railing</b>								
Timber Deck on Steel	70%			2039		* *		
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Timber Deck And Timber Stringers</i>								
<i>Explanation : Weathering</i>								
Timber Deck on Steel	5%	4+	\$7,700	2039		* *		
<i>Other Observation, Extent : Moderate, Area Affected : 20%</i>								
<i>Location : Steel Hardware At Timber Beams Beneath Timber Deck</i>								
<i>Explanation : Corrosion</i>								
Not Accessible	25%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : ST. GEORGE FERRY TERMINAL FERRY SLIP 1  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0192.010 / 13894 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,000 **Project Type** : FERRIES  
**Date of Survey** : 05-Mar-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Marinas/Docks		\$14,343,900
<b>Total</b>		<b>\$14,343,900</b>
Importance Code A		\$14,343,900
<b>Total</b>		<b>\$14,343,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Marinas/Docks	\$3,800	\$100	\$900	\$100
<b>Total</b>	<b>\$3,800</b>	<b>\$100</b>	<b>\$900</b>	<b>\$100</b>
Importance Code A	\$3,800			
Importance Code B	\$100	\$100	\$900	\$100
<b>Total</b>	<b>\$3,800</b>	<b>\$100</b>	<b>\$900</b>	<b>\$100</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE FERRY TERMINAL FERRY SLIP 1**  
**Asset # : 13894**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Gangways								
Aluminum	50%			2050	**	1-3	\$2,300	
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Hinge</i>								
<i>Explanation : Corrosion</i>								
Timber	50%			2029	\$8,300	1-3	\$900	
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : North Fender Rack Entrance</i>								
Fender								
Facing								
Timber	98%			2028	\$185,200			
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Above Tidal Zone Due To Ferry Berthing</i>								
<i>Explanation : Abrasion</i>								
Timber	2%	Now	\$3,800	2030	\$3,800			
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : At South End</i>								
<i>Explanation : Broken / Missing</i>								
Piles								
Timber	70%			2031	\$2,178,700			
Not Accessible	30%							
Wales and Chocks								
Timber	100%			2031	\$11,976,200			
Gallows Frames								
Tower Frames								
Timber	100%			2043	**			
<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>								
<i>Location : Slip Entrance</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Marinas/Docks	\$3,086,000	\$8,379,300
<b>Total</b>	<b>\$3,086,000</b>	<b>\$8,379,300</b>
Importance Code A	\$3,086,000	\$8,379,300
<b>Total</b>	<b>\$3,086,000</b>	<b>\$8,379,300</b>

**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**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
<b>Access Walkways</b>								
Piles and Bracing								
Steel	70%			2050		**	5-10	
		<i>Corrosion, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Cross Bracing</i>						
		<i>Other Observation, Extent : Light, Area Affected : 100%</i>						
		<i>Location : Concrete Encasements</i>						
		<i>Explanation : Erosion</i>						
Not Accessible	30%							
<b>Fender</b>								
Facing								
Timber	85%			2025	\$1,003,800			
		<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Above Tidal Zone Due To Ferry Berthing</i>						
		<i>Explanation : Abrasion</i>						
Timber	5%	Now	\$59,000	2030	\$59,000			
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Most Severe At Elements At South Ends And North Side Of Slip 3</i>						
		<i>Explanation : Broken / Missing</i>						
Under Construction	10%							
<b>Piles</b>								
Timber	5%	0-2	\$311,200	2035		**		
		<i>Other Observation, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : North Side Of Slip 3</i>						
		<i>Explanation : Broken</i>						
Timber	55%	Now	\$1,711,900	2035		**		
		<i>Other Observation, Extent : Moderate, Area Affected : 10%</i>						
		<i>Location : At Top Of Piles</i>						
		<i>Explanation : Splitting</i>						
Not Accessible	30%							
Under Construction	10%							
<b>Wales and Chocks</b>								
Timber	55%			2031	\$8,320,300			
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Isolated Locations</i>						
		<i>Explanation : Rotting / Splitting</i>						
Not Accessible	35%							
Under Construction	10%							
<b>Gallows Frames</b>								
Tower Frames								
Steel	100%			2039		**		
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Isolated Locations</i>						
		<i>Explanation : Coating Loss and Corrosion</i>						
<b>Movable Ramps</b>								
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**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>			
<b>System</b>	<b>Component</b>	<b>% of</b>	<b>Fail Date</b>	<b>Estimated Cost</b>	<b>Year</b>	<b>Estimated Cost</b>	<b>Cycle</b>	<b>Estimated Cost</b>	<b>Priority</b>
<b>Type</b>		<b>Total</b>	<b>(Years)</b>		<b>FY</b>		<b>(Yrs)</b>		
Movable Ramps	Deck and Railing								
	Steel	70%			2039		* *		
				<i>Other Observation, Extent : Light, Area Affected : 5%</i>					
				<i>Location : Ramp Surfaces Which Are 50/50 Asphalt/Steel</i>					
				<i>Explanation : Cracking / Coating Loss</i>					
	Not Accessible	30%							

*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.*

*Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*

*\*\* Replacement cost estimated to be beyond ten years is not included in this report.*

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : ST. GEORGE FERRY TERMINAL SLIP 7  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0192.040 / 13897 **Yr Built/Renovated** :  
**Area Sq Ft** : 4,500 **Project Type** : FERRIES  
**Date of Survey** : 01-Mar-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Marinas/Docks	\$1,213,100	\$724,000
<b>Total</b>	<b>\$1,213,100</b>	<b>\$724,000</b>
Importance Code A	\$1,213,100	\$455,000
Importance Code C		\$269,100
<b>Total</b>	<b>\$1,213,100</b>	<b>\$724,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Marinas/Docks	\$18,400	\$3,800		\$4,000
<b>Total</b>	<b>\$18,400</b>	<b>\$3,800</b>		<b>\$4,000</b>
Importance Code A	\$18,400	\$3,800		
Importance Code C				\$4,000
<b>Total</b>	<b>\$18,400</b>	<b>\$3,800</b>		<b>\$4,000</b>



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE FERRY TERMINAL SLIP 7**  
**Asset # : 13897**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Concrete	35%			2039	**	5	\$5,900	
Timber	5%			2028	\$54,700	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	\$84,200	2060	**	5	\$200	
		<i>Corrosion, Extent : Severe, Area Affected : 50%</i>						
		<i>Location : Steel Bracing Mostly On North End</i>						
Steel	10%	4+	\$168,400	2060	**	5	\$300	
		<i>Corrosion, Extent : Moderate, Area Affected : 100%</i>						
		<i>Location : Steel Bracing</i>						
Not Accessible	40%							
Launch/Haulout								
Piles and Bracing								
Steel	60%			2056	**	5-10	\$985,500	
Not Accessible	40%							
Protective Structure								
Pile Cluster								
Timber	60%			2031	\$215,200	4-10	\$62,000	
Not Accessible	40%							
Deck Elements								
Railing								
Steel	90%			2028	\$248,200			
		<i>Missing Coating, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Entire Length Of Handrail</i>						
Steel	5%	4+	\$2,800	2028	\$13,800			
		<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>						
		<i>Location : Impact Damage At West Face Under Building With Loose Connection And Broken Balluster</i>						
		<i>Explanation : Impact Damage</i>						
Timber	5%			2024	\$3,900			
Electrical								
Lighting Fixture								
Incandescent	30%	Now	\$2,600	2025	\$2,600			
		<i>Other Observation, Extent : Severe, Area Affected : 25%</i>						
		<i>Location : Base Of Light Pole On South Access Walkway</i>						
		<i>Explanation : Corrosion</i>						
Incandescent	70%			2024	\$6,100			
Fender								
Facing								
Timber	3%			2028	\$7,100			
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**

<b>Marinas/Docks</b>		<b>Current Repair</b>		<b>Future Replacement</b>		<b>Maintenance</b>		<b>Priority</b>
<b>System Component Type</b>	<b>% of Total</b>	<b>Fail Date (Years)</b>	<b>Estimated Cost</b>	<b>Year FY</b>	<b>Estimated Cost</b>	<b>Cycle (Yrs)</b>	<b>Estimated Cost</b>	
Fender								
Piles								
Timber	7%			2031	\$138,300			
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.

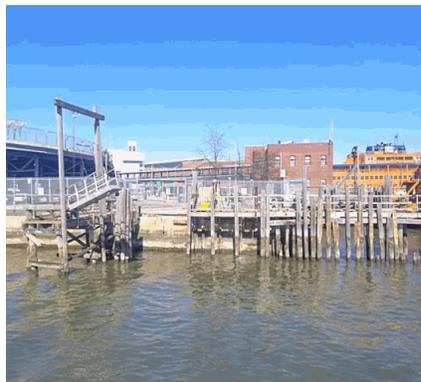
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**Asset Name** : ST. GEORGE FERRY TERMINAL SLIP 8 AND 69TH STREET SLIP  
**Address** : 1 BAY STREET  
**Borough** : STATEN ISLAND **Agency's Number** : N/A  
**Program / Asset #** : DOT0192.050 / 13898 **Yr Built/Renovated** :  
**Area Sq Ft** : 850 **Project Type** : FERRIES  
**Date of Survey** : 28-Feb-2019 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 2 **Lot** : 1 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Marinas/Docks	\$924,100	\$5,678,400
<b>Total</b>	<b>\$924,100</b>	<b>\$5,678,400</b>
Importance Code A	\$924,100	\$5,185,100
Importance Code C		\$493,300
<b>Total</b>	<b>\$924,100</b>	<b>\$5,678,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Marinas/Docks	\$125,700	\$2,200	\$1,900	\$100
<b>Total</b>	<b>\$125,700</b>	<b>\$2,200</b>	<b>\$1,900</b>	<b>\$100</b>
Importance Code A	\$82,300	\$2,100	\$200	
Importance Code B	\$100	\$100	\$1,800	\$100
Importance Code C	\$43,300			
<b>Total</b>	<b>\$125,700</b>	<b>\$2,200</b>	<b>\$1,900</b>	<b>\$100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE FERRY TERMINAL SLIP 8 AND 69TH STREET SLIP**  
**Asset # : 13898**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Steel	50%	4+	\$21,900	2050		**		
			<i>Corrosion, Extent : Light, Area Affected : 80%</i>					
			<i>Location : Slip 8</i>					
			<i>Missing Coating, Extent : Light, Area Affected : 80%</i>					
			<i>Location : Slip 8</i>					
Timber	40%			2028	\$58,400	5	\$1,000	
			<i>Surface Wearing/Scaling, Extent : Light, Area Affected : 100%</i>					
			<i>Location : 69th Street Slip</i>					
Timber	10%	2-4	\$8,800	2030	\$14,600	5	\$100	
			<i>Surface Wearing/Scaling, Extent : Severe, Area Affected : 80%</i>					
			<i>Location : South End Of 69th Street Slip</i>					
Gangways								
Aluminum	100%			2050		**	1-3	\$5,900
Piles and Bracing								
Timber	40%			2050		**	4-5	\$4,600
			<i>Rotting/Splitting, Extent : Light, Area Affected : 30%</i>					
			<i>Location : 69th Street Slip In Tidal Zone</i>					
Timber	5%	0-2	\$5,400	2060		**	4-5	\$300
			<i>Splitting, Extent : Moderate, Area Affected : 20%</i>					
			<i>Location : Bottom Connections Of Timber Bracing At Isolated Locations</i>					
Timber	5%	Now	\$5,400	2060		**	4-5	\$300
			<i>Broken, Extent : Severe, Area Affected : 50%</i>					
			<i>Location : Timber Bracing At Isolated Locations</i>					
Not Accessible	50%							
Protective Structure								
Pile Cluster								
Timber	55%			2028	\$394,500	4-10	\$121,000	
			<i>Splitting, Extent : Light, Area Affected : 15%</i>					
			<i>Location : Tops Of Piles At Isolated Locations</i>					
Timber	5%	Now	\$35,900	2035		**	4	\$1,300
			<i>Broken, Extent : Severe, Area Affected : 100%</i>					
			<i>Location : Broken Cluster At Offshore End Of 69th Street Slip Fender Rack</i>					
Not Accessible	40%							
Deck Elements								
Railing								
Steel	50%			2028	\$29,000			
Timber	50%			2024	\$8,100			
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		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Piles								
Timber	10%	Now	\$166,000	2035			**	
<i>Other Observation, Extent : Severe, Area Affected : 100%</i>								
<i>Location : Offshore End Of 69th Street Fender Rack And Isolated Locations</i>								
<i>Explanation : Broken</i>								
Timber	30%			2031	\$2,490,000			
<i>Other Observation, Extent : Light, Area Affected : 10%</i>								
<i>Location : Tops Of Piles At Isolated Locations</i>								
<i>Explanation : Splitting</i>								
Timber	40%	4+	\$664,000	2035			**	
<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Band Of Wear Due To Ferry Berthing</i>								
<i>Explanation : Wear</i>								
Not Accessible	20%							
Wales and Chocks								
Timber	20%	4+	\$32,800	2035			**	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Isolated Locations At Both Slips</i>								
<i>Explanation : Splitting/ Rotting</i>								
Timber	80%			2028	\$2,622,100			
Gallows Frames								
Tower Frames								
Timber	20%	2-4	\$94,100	2039			**	
<i>Other Observation, Extent : Moderate, Area Affected : 50%</i>								
<i>Location : Isolated Elements At Both Slips</i>								
<i>Explanation : Splitting/ Rotting</i>								
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.

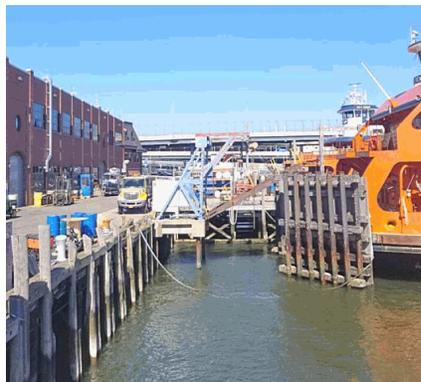
Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Marinas/Docks	\$291,700	\$1,574,400
<b>Total</b>	<b>\$291,700</b>	<b>\$1,574,400</b>
Importance Code A	\$291,700	\$1,430,900
Importance Code C		\$143,500
<b>Total</b>	<b>\$291,700</b>	<b>\$1,574,400</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Marinas/Docks	\$95,500	\$500	\$1,400	\$2,800
<b>Total</b>	<b>\$95,500</b>	<b>\$500</b>	<b>\$1,400</b>	<b>\$2,800</b>
Importance Code A	\$95,500	\$400		
Importance Code B	\$100	\$100	\$1,400	\$100
Importance Code C				\$2,700
<b>Total</b>	<b>\$95,500</b>	<b>\$500</b>	<b>\$1,400</b>	<b>\$2,800</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, AND PHANTOM**  
**Asset # : 13899**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Concrete	100%			2039	**	5	\$4,500	
<i>Cracking, Extent : Light, Area Affected : 10%</i>								
<i>Location : All Slips</i>								
<i>Spalling, Extent : Light, Area Affected : 2%</i>								
<i>Location : Phantom Slip</i>								
Gangways								
Aluminum	100%			2050	**	1-3	\$4,700	
Piles and Bracing								
Steel	50%			2040	**	5-10	\$13,800	
<i>Corrosion, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : In Tidal Zone And Splash Zone At All Slips</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : In Tidal Zone And Splash Zone At All Slips</i>								
Not Accessible	50%							
Protective Structure								
Pile Cluster								
Timber	60%			2031	\$143,500	4-10	\$41,300	
Not Accessible	40%							
Deck Elements								
Railing								
Timber	100%			2024	\$16,300			
<i>Wearing, Extent : Light, Area Affected : 100%</i>								
<i>Location : Phantom Slip</i>								
Fender								
Facing								
Timber	90%	4+	\$42,500	2030	\$42,500			
<i>Other Observation, Extent : Moderate, Area Affected : 75%</i>								
<i>Location : Band Of Abrasion Due To Ferry Berthing</i>								
<i>Explanation : Abrasion</i>								
Timber	5%	0-2	\$2,400	2030	\$2,400			
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Outer Portions Of Fender Facing</i>								
<i>Explanation : Abrasion</i>								
Not Accessible	5%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**ST. GEORGE FERRY TERMINAL SLIPS B-1, B-2, AND PHANTOM**  
**Asset # : 13899**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Fender								
Piles								
Steel	25%	0-2	\$173,600	2035		**		
<i>Other Observation, Extent : Severe, Area Affected : 25%</i>								
<i>Location : Corrosion Holes At Hardware Connections In Tidal Zone At B2 North And B2 South</i>								
<i>Explanation : Corrosion</i>								
Steel	15%	Now	\$104,200	2035		**		
<i>Broken, Extent : Severe, Area Affected : 10%</i>								
<i>Location : Broken Inshore Piles Due To Corrosion At Hardware Holes At B2 North And B2 South</i>								
Steel	10%	4+	\$13,900	2031	\$69,400			
<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>								
<i>Location : Tidal And Splash Zones At Phantom Slip</i>								
Timber	10%			2031	\$32,400			
<i>Other Observation, Extent : Light, Area Affected : 5%</i>								
<i>Location : Tops Of Piles At Phantom Slip</i>								
<i>Explanation : Splitting</i>								
Not Accessible	40%							
Wales and Chocks								
Timber	100%			2031	\$1,361,500			
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : All Slips</i>								
<i>Explanation : Splitting</i>								
Gallows Frames								
Tower Frames								
Steel	67%	4+	\$32,000	2039		**		
<i>Other Observation, Extent : Light, Area Affected : 30%</i>								
<i>Location : Support Brackets At B2 North And B2 South</i>								
<i>Explanation : Corrosion</i>								
Timber	33%			2043		**		
<i>Other Observation, Extent : Light, Area Affected : 100%</i>								
<i>Location : Phantom Slip</i>								
<i>Explanation : Recent Replace</i>								
Movable Ramps								
Bearings								
Steel	100%			2039		**		
Deck and Railing								
Steel	100%			2039		**		
<i>Other Observation, Extent : Light, Area Affected : 50%</i>								
<i>Location : B2 North And B2 South</i>								
<i>Explanation : Coating Loss And Corrosion</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 24-Mar-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 36 **Lot** : 18 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Marinas/Docks	\$59,200	\$903,000
<b>Total</b>	<b>\$59,200</b>	<b>\$903,000</b>
Importance Code A	\$59,200	\$837,000
Importance Code C		\$66,000
<b>Total</b>	<b>\$59,200</b>	<b>\$903,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Marinas/Docks	\$17,800	\$9,100	\$1,100	\$10,400
<b>Total</b>	<b>\$17,800</b>	<b>\$9,100</b>	<b>\$1,100</b>	<b>\$10,400</b>
Importance Code A	\$9,900	\$8,000	\$300	\$4,200
Importance Code B	\$7,200	\$200	\$200	\$5,300
Importance Code C	\$600	\$900	\$600	\$900
<b>Total</b>	<b>\$17,800</b>	<b>\$9,100</b>	<b>\$1,100</b>	<b>\$10,400</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WALL STREET FERRY PIER SLIPS A, C, E NORTH SIDE PIER 11**  
**Asset # : 14194**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Steel	100%			2051	**			
<i>Corrosion, Extent : Light, Area Affected : 5%</i>								
<i>Location : At Bottom Of Gangways</i>								
Gangways								
Aluminum	95%			2051	**	1-3	\$21,500	
Aluminum	5%	4+	\$2,200	2051	**	1-3	\$900	
<i>Surface Wearing/Scaling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Non Slip Coating</i>								
Floating Docks								
Anchor Piles								
Steel	50%			2051	**	3-5	\$17,400	
<i>Missing Coating, Extent : Light, Area Affected : 10%</i>								
<i>Location : In Tidal Zone</i>								
Not Accessible	50%							
Fenders								
Rubber	100%			2029	\$66,000	1-2	\$7,500	
<i>Worn, Extent : Light, Area Affected : 100%</i>								
<i>Location : All Fenders</i>								
Barge								
Steel	40%			2040	**	5	\$15,900	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated On All Barge Surfaces And Sides</i>								
Not Accessible	60%							
Protective Structure								
Donut Fender								
Steel/Rubber	100%			2029	\$498,000			
Deck Elements								
Railing								
Aluminum	100%			2029	\$206,700			
Electrical								
Conduit								
Steel	100%			2029	\$132,300			
Lighting Fixture								
Incandescent	100%			2025	\$59,200			
Movable Ramps								
Deck and Railing								
Aluminum	95%			2040	**			
<i>Corrosion, Extent : Light, Area Affected : 25%</i>								
<i>Location : Mechanical Elements</i>								
Aluminum	5%	4+	\$5,700	2040	**			
<i>Surface Wearing/Scaling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Non-slip Coating</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** : 24-Mar-2020 **Landmark Status** : NONE  
**Areas Surveyed** :  
**Block** : 36 **Lot** : 18 **BIN** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Marinas/Docks		\$241,000
<b>Total</b>		<b>\$241,000</b>
Importance Code A		\$241,000
<b>Total</b>		<b>\$241,000</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Marinas/Docks	\$6,800	\$41,000	\$500	\$5,600
<b>Total</b>	<b>\$6,800</b>	<b>\$41,000</b>	<b>\$500</b>	<b>\$5,600</b>
Importance Code A	\$1,700	\$40,500	\$100	\$1,700
Importance Code B	\$4,800	\$100	\$100	\$3,600
Importance Code C	\$200	\$400	\$200	\$400
<b>Total</b>	<b>\$6,800</b>	<b>\$41,000</b>	<b>\$500</b>	<b>\$5,600</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WALL STREET FERRY PIER SLIPS B, D SOUTH SIDE PIER 11**  
**Asset # : 14265**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Steel	100%			2051	**			
Gangways								
Aluminum	95%			2051	**	1-3	\$14,400	
Aluminum	5%	4+	\$1,500	2051	**	1-3	\$600	
<i>Surface Wearing/Scaling, Extent : Moderate, Area Affected : 25%</i>								
<i>Location : Non-slip Coating</i>								
Floating Docks								
Anchor Piles								
Steel	40%			2051	**	3-5	\$7,000	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Above Mean Low Water Elevation</i>								
<i>Missing Coating, Extent : Moderate, Area Affected : 10%</i>								
<i>Location : Above Mean Low Water Elevation</i>								
Not Accessible	60%							
Fenders								
Rubber	100%			2029	\$26,100	1-2	\$3,000	
<i>Worn, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Slip D Fenders</i>								
Barge								
Steel	40%			2040	**	5	\$10,800	
<i>Corrosion, Extent : Light, Area Affected : 10%</i>								
<i>Location : Isolated On Barge Surface At Slip D, And Along Sides Of Barges</i>								
Not Accessible	60%							
Protective Structure								
Donut Fender								
Steel/Rubber	40%			2029	\$49,800			
Not Accessible	60%							
Deck Elements								
Railing								
Aluminum	100%			2029	\$162,900			
Electrical								
Conduit								
Steel	100%			2029	\$78,100			
Lighting Fixture								
Incandescent	100%			2025	\$35,100			
Movable Ramps								
Deck and Railing								
Steel	100%			2040	**			
<i>Other Observation, Extent : Light, Area Affected : 25%</i>								
<i>Location : On Bowloader Cables</i>								
<i>Explanation : Corrosion</i>								

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

Asset Name : WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER  
 Address : WEST 39TH ST AND 12TH AVE @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 : 26-Jun-2020 Landmark Status : NONE  
 Areas Surveyed :  
 Block : 665 Lot : 14 BIN :

CAPITAL	FY 2024 - 2027	FY 2028 - 2033
Marinas/Docks	\$327,500	\$899,800
<b>Total</b>	<b>\$327,500</b>	<b>\$899,800</b>
Importance Code A	\$327,500	\$754,100
Importance Code C		\$145,700
<b>Total</b>	<b>\$327,500</b>	<b>\$899,800</b>

EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Marinas/Docks	\$19,600	\$33,500	\$2,100	\$18,100
<b>Total</b>	<b>\$19,600</b>	<b>\$33,500</b>	<b>\$2,100</b>	<b>\$18,100</b>
Importance Code A	\$1,400	\$30,900	\$100	\$600
Importance Code B	\$15,500	\$700	\$700	\$15,500
Importance Code C	\$2,700	\$2,000	\$1,400	\$2,000
<b>Total</b>	<b>\$19,600</b>	<b>\$33,500</b>	<b>\$2,100</b>	<b>\$18,100</b>



Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
 Estimates are rounded to the nearest hundred dollars.  
 Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.  
 \*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER**

**Asset # : 14195**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Access Walkways								
Deck								
Steel	15%			2051	**			
No Component	85%							
Gangways								
Aluminum	100%			2051	**	1-3	\$65,900	
Piles and Bracing								
Steel	50%			2051	**	5-10	\$1,100	
		<i>Corrosion, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Splash Zone</i>						
		<i>Missing Coating, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : Splash Zone</i>						
Not Accessible	50%							
Floating Docks								
Anchor Piles								
Composite	5%	0-2	\$700	2061	**			
		<i>Missing Components, Extent : Moderate, Area Affected : 5%</i>						
		<i>Location : Missing Hardware At North Pile Guide Buffer Pads</i>						
Steel	45%			2051	**	3-5	\$2,600	
		<i>Corrosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Tidal Zone</i>						
		<i>Worn, Extent : Light, Area Affected : 20%</i>						
		<i>Location : Tidal Zone</i>						
Not Accessible	50%							
Fenders								
Rubber	95%			2029	\$138,400	1-2	\$15,800	
Rubber	5%	Now	\$1,500	2031	\$7,300	1-2	\$700	
		<i>Worn, Extent : Severe, Area Affected : 25%</i>						
		<i>Location : South Side</i>						
Railing								
Steel	100%			2029	\$521,400			
Barge								
Steel	43%			2040	**	5	\$61,800	
		<i>Corrosion, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Sides Of Barges</i>						
		<i>Recent Repair Evident, Extent : N/A, Area Affected : 2%</i>						
		<i>Location : Pins Connecting North And Center Barges Have Been Reinforced</i>						
Steel	5%	4+	\$50,300	2040	**	5	\$3,600	
		<i>Corrosion, Extent : Severe, Area Affected : 5%</i>						
		<i>Location : Access Hatches</i>						
		<i>Waterlogged/Damaged Floatation, Extent : Moderate, Area Affected : 20%</i>						
		<i>Location : Water Accumulating In Main Float, Northeast Corner</i>						
Steel	2%	0-2	\$40,200	2040	**	5	\$1,400	
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Pin Connections At North And South Fingers</i>						
		<i>Explanation : Bent Connection Pins</i>						
Not Accessible	50%							

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

**DEPARTMENT OF TRANSPORTATION - 841**  
**WEST MIDTOWN FERRY TERMINAL PIER 79 NORTH RIVER**

**Asset # : 14195**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Electrical								
Conduit								
Steel	100%			2029	\$232,700			
Lighting Fixture								
Incandescent	100%			2025	\$237,000			
Fender								
Piles								
Steel	60%			2035		**		
		<i>Recent Replace Evident, Extent : N/A, Area Affected : 100%</i>						
		<i>Location : Four New Donut Fenders</i>						
Not Accessible	40%							
Movable Ramps								
Deck and Railing								
Steel	100%			2040		**		

Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation.  
Estimates are rounded to the nearest hundred dollars.

Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.

\*\* Replacement cost estimated to be beyond ten years is not included in this report.

Print Date : 13-Oct-2022

**DEPARTMENT OF TRANSPORTATION - FY 2023**

**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** :

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>	<b>FY 2028 - 2033</b>
Marinas/Docks	\$1,347,400	\$25,758,900
<b>Total</b>	<b>\$1,347,400</b>	<b>\$25,758,900</b>
Importance Code A	\$1,347,400	\$25,758,900
<b>Total</b>	<b>\$1,347,400</b>	<b>\$25,758,900</b>

<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Marinas/Docks	\$20,100	\$41,600		
<b>Total</b>	<b>\$20,100</b>	<b>\$41,600</b>		
Importance Code A	\$20,100	\$41,600		
<b>Total</b>	<b>\$20,100</b>	<b>\$41,600</b>		



*Note : All component repairs \$ estimates are in current dollars and are not escalated for potential future inflation. Estimates are rounded to the nearest hundred dollars. Maintenance \$ are aggregated over a ten-year period. Site specific cost escalations are not included.*  
**\*\* Replacement cost estimated to be beyond ten years is not included in this report.**

**DEPARTMENT OF TRANSPORTATION - 841**  
**WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3**  
**Asset # : 13889**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	Priority
Access Walkways								
Deck								
Concrete	45%			2039	**	5		
		<i>Cracking, Extent : Light, Area Affected : 5%</i>						
		<i>Location : Isolated Locations In Deck Surface</i>						
Timber	5%			2028		5		
Not Accessible	50%							
Piles and Bracing								
Steel	10%			2050	**	5-10		
		<i>Corrosion, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Above Mean Low Water</i>						
Not Accessible	90%							
Electrical								
Lighting Fixture								
Sodium	16%	Now	\$5,000	2024	\$24,800			
		<i>Other Observation, Extent : Light, Area Affected : 10%</i>						
		<i>Location : Two Lights Out At Slip 1, Three Lights Out At Slip 2, Three Lights Out At Slip 3</i>						
		<i>Explanation : Broken</i>						
Sodium	84%			2024	\$130,100			
Fender								
Facing								
Timber	10%	2-4	\$4,700	2030	\$4,700			
		<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>						
		<i>Location : Most Severe At North Ends Of Slips</i>						
		<i>Explanation : Abrasion</i>						
Timber	88%			2025	\$41,600			
		<i>Other Observation, Extent : Light, Area Affected : 30%</i>						
		<i>Location : Band Of Abrasion Due To Ferry Berthing</i>						
		<i>Explanation : Abrasion</i>						
Timber	2%	Now	\$900	2030	\$900			
		<i>Other Observation, Extent : Severe, Area Affected : 100%</i>						
		<i>Location : Predominantly At Slip 2</i>						
		<i>Explanation : Broken Elements</i>						
Piles								
Timber	5%	Now	\$466,900	2035	**			
		<i>Other Observation, Extent : Severe, Area Affected : 40%</i>						
		<i>Location : Clusters At Offshore Ends Of Slips</i>						
		<i>Explanation : Broken</i>						
Timber	10%	4+	\$186,700	2035	**			
		<i>Other Observation, Extent : Moderate, Area Affected : 30%</i>						
		<i>Location : At Isolated Locations</i>						
		<i>Explanation : Impact Damage</i>						
Timber	45%			2031	\$4,201,900			
		<i>Other Observation, Extent : Light, Area Affected : 5%</i>						
		<i>Location : At Tops Of Piles</i>						
		<i>Explanation : Splitting</i>						
Not Accessible	40%							

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**DEPARTMENT OF TRANSPORTATION - 841**  
**WHITEHALL FERRY TERMINAL FERRY SLIPS 1 - 3**

**Asset # : 13889**

Marinas/Docks		Current Repair		Future Replacement		Maintenance		Priority
System Component Type	% of Total	Fail Date (Years)	Estimated Cost	Year FY	Estimated Cost	Cycle (Yrs)	Estimated Cost	
Fender								
Wales and Chocks								
Timber	30%	2-4	\$538,900	2031	\$10,778,500			
<i>Other Observation, Extent : Moderate, Area Affected : 40%</i>								
<i>Location : Isolated Top 10 Feet</i>								
<i>Explanation : Rotting / Splitting</i>								
Timber	30%			2031	\$10,778,500			
Not Accessible	40%							
Gallows Frames								
Tower Frames								
Steel	100%			2039		**		
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Areas Of Missing Coating</i>								
<i>Explanation : Coating Damage</i>								
Movable Ramps								
Bearings								
Not Accessible	100%							
Deck and Railing								
Steel	65%			2039		**		
<i>Other Observation, Extent : Light, Area Affected : 2%</i>								
<i>Location : Railing</i>								
<i>Explanation : Coating Loss</i>								
Steel	5%	4+	\$9,400	2039		**		
<i>Other Observation, Extent : Moderate, Area Affected : 100%</i>								
<i>Location : Slip 2 Bottom Ramp</i>								
<i>Explanation : Wearing / Scaling</i>								
Not Accessible	30%							

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**DEPARTMENT OF TRANSPORTATION - 841**

**Project : HIGHWAYS**

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>		<b>FY 2028 - 2033</b>	
Miscellaneous Buildings	692,300		192,800	
<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Miscellaneous Buildings	79,200	14,000	19,600	14,700

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
545	ARTERIAL AND FLEET SERVICES SHED 2	1,000	53,100	2,500
546	ARTERIAL AND FLEET SERVICES SHED 3	1,000	53,100	2,500
547	ARTERIAL AND FLEET SERVICES SHED 4	1,000	53,100	2,500
548	ARTERIAL AND FLEET SERVICES GUARD HOUSE 1	96	0	4,100
565	ARTERIAL AND FLEET SERVICES STORAGE 2	1,073	57,000	2,700
566	ARTERIAL AND FLEET SERVICES TRAILER 1	300	0	12,800
567	ARTERIAL AND FLEET SERVICES TRAILER 2	224	0	9,500
568	ARTERIAL AND FLEET SERVICES TRAILER 3	480	15,000	5,400
569	ARTERIAL AND FLEET SERVICES TRAILER 4	480	15,000	5,400
570	ARTERIAL AND FLEET SERVICES SHED 1	600	18,800	6,700
1014	GLENDALE YARD BLDG. 6	831	44,100	2,100
1015	GLENDALE YARD BLDG. 5	913	48,500	2,300
1016	GLENDALE YARD BLDG. 8	600	18,800	6,700
1017	GLENDALE YARD BLDG. 9	288	0	12,200
1025	HAMILTON AVE. ASPHALT PLANT STORAGE	1,472	78,100	3,700
1026	HAMILTON AVE. ASPHALT PLANT STORAGE	96	0	4,100
1027	FLATLANDS AVENUE YARD GARAGE 7	105	0	4,500
1037	FLATLANDS AVENUE YARD GARAGE 3	480	15,000	5,400
1038	FLATLANDS AVENUE YARD GARAGE 4	1,000	53,100	2,500
1039	FLATLANDS AVENUE YARD GARAGE 5	1,000	53,100	2,500
1040	FLATLANDS AVENUE YARD GARAGE 6	576	18,000	6,400
14124	BROOKLYN ARTERIAL HWYS GARAGE	4,425	234,900	11,000
14853	BROOKLYN ARTERIAL HIGHWAY GARAGE STORAGE SHED	1,062	56,400	2,600
15112	ARTERIAL AND FLEET SERVICES DIESEL STATION	179	0	7,600

**Project : WATERWAY BRIDGES**

<b>CAPITAL</b>	<b>FY 2024 - 2027</b>		<b>FY 2028 - 2033</b>	
Special Systems	239,800,000		0	
<b>EXPENSE</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Special Systems	12,195,000	12,420,000	12,652,000	12,894,000

<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>	<b>CAPITAL</b>	<b>EXPENSE</b>
2462	MANHATTAN BRIDGE MANHATTAN BRIDGE/EAST RIVER	1,203,814	38,000,000	9,588,000
2463	WILLIAMSBURG BRIDGE WILLIAMSBURG BR/EAST RIVER	741,020	160,800,000	12,592,000

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ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2464	QUEENSBORO BRIDGE QUEENSBORO BR/EAST RIVER	1,287,107	41,000,000	16,259,000
2815	BROOKLYN BRIDGE BROOKLYN BRIDGE/I-278 BQE	633,015	0	11,722,000

## Project: FERRIES

CAPITAL	FY 2024 - 2027		FY 2028 - 2033	
Special Systems	29,445,000		0	
EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Special Systems	4,970,000	12,445,000	10,295,000	10,231,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
1018	FERRY-JOHN F. KENNEDY		0	0
1021	FERRY-ANDREW J. BARBIERI		0	0
1022	FERRY-SAMUEL I. NEWHOUSE		3,165,000	3,165,000
4307	FERRY-ALICE AUSTEN		3,160,000	3,160,000
4308	FERRY-JOHN A. NOBLE		3,070,000	3,070,000
4538	FERRY-MOLINARI		3,065,000	3,065,000
4539	FERRY-MARCHI		6,315,000	6,315,000
4540	FERRY-SPIRIT AMERICA		6,140,000	6,140,000
4545	FERRY-MICHAEL OLLIS		1,965,000	5,068,000
4546	FERRY-SANDY GROUND		1,965,000	5,068,000
4547	FERRY-DOROTHY DAY		600,000	2,890,000

## Project: ELECTRIC CONTROL

CAPITAL	FY 2024 - 2027		FY 2028 - 2033	
Special Systems	16,223,000		0	
EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Special Systems	31,682,000	31,682,000	31,682,000	31,682,000

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2829	STREET LIGHTING SYSTEM		16,223,000	126,728,000

## Project: HIGHWAYS

CAPITAL	FY 2024 - 2027		FY 2028 - 2033	
Special Systems	3,257,400,000		0	
EXPENSE	FY 2024	FY 2025	FY 2026	FY 2027
Special Systems	0	0	0	0

ASSET #	NAME	SQFT	CAPITAL	EXPENSE
2841	STREETS AND HIGHWAYS PRIMARY		503,830,000	0
2842	STREETS AND HIGHWAYS SECONDARY		702,070,000	0
2843	STREETS AND HIGHWAYS LOCAL		1,977,200,000	0
2844	STREETS AND HIGHWAYS ARTERIAL		40,000,000	0
2845	STREETS AND HIGHWAYS STEP		34,300,000	0

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## DEPARTMENT OF TRANSPORTATION - 841

Project: TRAFFIC

<b>CAPITAL</b>		<b>FY 2024 - 2027</b>		<b>FY 2028 - 2033</b>	
Special Systems		44,252,000		0	
<b>EXPENSE</b>		<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>
Special Systems		41,650,000	41,650,000	41,650,000	41,650,000
<b>ASSET #</b>	<b>NAME</b>	<b>SQFT</b>		<b>CAPITAL</b>	<b>EXPENSE</b>
2830	TRAFFIC LIGHT SYSTEM			44,252,000	166,600,000

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